



**MARIA DEL CARMEN
OROSIA CLAVER CABRERO**

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**MARIA DEL CARMEN OROSIA CLAVER CABRERO**

Surname(s): **CLAVER CABRERO**
 Name: **MARIA DEL CARMEN OROSIA**
 DNI: **17992471P**
 ORCID: **0000-0002-2518-7401**
 ScopusID: **7006881007**
 Date of birth: **13/04/1952**
 Gender: **Female**
 Nationality: **Spain**
 Country of birth: **Spain**
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Current professional situation**Employing entity:** Universitat Rovira i Virgili**Department:** Faculty of Chemistry, Department of Physical and Inorganic Chemistry**Professional category:** Catedrático de Universidad**Start date:** 27/08/1991**Type of contract:** Civil servant**Dedication regime:** Full time**Primary (UNESCO code):** 230321 - Organo-metallic compounds**Performed tasks:** FILL THE INFORMATION ABOUT PRESENT PROFESSIONAL OCUPATION IN YOUR TEXT'S CURRICULA TAB**Previous positions and activities**

	Employing entity	Professional category	Start date
1	Universitat Rovira i Virgili	Catedrática de Universidad	02/1992
2	Universitat de Barcelona	Catedrática de Universidad	09/1991
3	Universitat de Barcelona	Profesor Titular de Universidad	01/1981
4	Universitat de Barcelona	Profesor ayudante contratado	10/1978
5	Universidad de Zaragoza	Ayudante de clases prácticas	10/1975

1 **Employing entity:** Universitat Rovira i Virgili**Professional category:** Catedrática de Universidad**Start date:** 02/1992



- 2** **Employing entity:** Universitat de Barcelona
Professional category: Catedrática de Universidad
Start date: 09/1991 **Duration:** 4 months - 1 day
- 3** **Employing entity:** Universitat de Barcelona
Professional category: Profesor Titular de Universidad
Start date: 01/1981 **Duration:** 10 years - 7 months - 1 day
- 4** **Employing entity:** Universitat de Barcelona
Professional category: Profesor ayudante contratado
Start date: 10/1978 **Duration:** 2 years - 2 months - 1 day
- 5** **Employing entity:** Universidad de Zaragoza
Professional category: Ayudante de clases prácticas
Start date: 10/1975 **Duration:** 2 years - 11 months - 1 day



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

University degree: Diploma / Degree / Activities
Name of qualification: Química
Degree awarding entity: Universidad de Zaragoza
Date of qualification: 06/1974

Doctorates

Doctorate programme: Química
Degree awarding entity: Universidad de Zaragoza **Type of entity:** University
Date of degree: 15/03/1978

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Spanish	C2	C2	C2	C2	C2
Catalan	C2	C2	C2	C2	C2
English	C2	C2	C2	C2	C2
French	C2	C2	C2	C2	C2

Teaching experience

Experience supervising doctoral thesis and/or final year projects

- Project title:** Synthesis and development of heterogenized organometallic complexes using new N-Heterocyclic carbene type ligands for using in selective catalytic processes under batch and flow conditions.
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Alberto Martínez Lombardía
Obtained qualification: **Excel.lent cum laude per unanimitat
Date of reading: 2016
European doctorate: Yes
- Project title:** Nitrogen-based Ligand for Iron, Zinc and Cobalt Selective Processes
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili



City of entity: Spain
Student: Elisabet Mercadé Espinosa
Obtained qualification: **Excel.lent cum laude per unanimitat
Date of reading: 2015
European doctorate: Yes

3 **Project title:** Rhodium nanoparticles stabilised by phosphorus based ligands. Synthesis, characterisation and application in selective hydrogenations.

Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Jessica Llop Castelbou
Obtained qualification: **Excel.lent cum laude per unanimitat
Date of reading: 2014
European doctorate: Yes

4 **Project title:** Cobalt nanoparticles for Fischer-Tropsch Synthesis: from colloidal to well-defined supported nanocatalysts

Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Jorge Alonso Delgado Delgado
Obtained qualification: **Excel.lent cum laude per unanimitat
Date of reading: 2014
European doctorate: Yes

5 **Project title:** Synthesis of dinuclear complexes. From ligand design to catalysis.

Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Oriol Martínez Ferraté
Obtained qualification: **Excel.lent cum laude per unanimitat
Date of reading: 2013
European doctorate: Yes

6 **Project title:** Ligand design for palladium and iridium selective catalysts

Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: de la Fuente Molina, V.
Obtained qualification: **Excel.lent cum laude per unanimitat
Date of reading: 2011
European doctorate: Yes

7 **Project title:** Novel molecular and colloidal catalysts for C-C bond formation processes

Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Angelica Balanta Castillo
Obtained qualification: **Excel.lent cum laude per unanimitat
Date of reading: 2011



European doctorate: Yes

- 8** **Project title:** Pd catalysts for Carbonylation Proceses. Methoxycarbonylation of Norbornene.
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Carolina Blanco Jimenez
Obtained qualification: **Excel.lent per unanimitat
Date of reading: 2010
European doctorate: Yes
- 9** **Project title:** New Diphosphite Ligands for Asymmetric Catalysis and Nanoparticles Stabilization
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Aitor Gual
Obtained qualification: **Apte cum laude
Date of reading: 2009
European doctorate: Yes
- 10** **Project title:** New approaches for the design of chiral catalysts. Applications in carbonylating reactions (Tesis con mencion europea)
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Bianca Karella Muñoz
Obtained qualification: **Excel.lent cum laude per unanimitat
Date of reading: 2007
European doctorate: Yes
- 11** **Project title:** Palladium complexes containing diphosphine and sulfonated phosphine ligands for C-C bond forming reactions. Catalytic and mechanistic studies. (mencion europea)
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Eduardo Gracia Suarez
Obtained qualification: **Excel.lent cum laude per unanimitat
Date of reading: 2007
European doctorate: Yes
- 12** **Project title:** New chiral ligands in asymmetric catalysis. Application in stabilization of metal nanoparticles
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Rosa Axet
Obtained qualification: **Excel.lent cum laude per unanimitat
Date of reading: 2006
European doctorate: Yes



- 13** **Project title:** Tunable Chiral Ligands for Ir and Rh Hydrogenation Processes. Synthesis of Enantiomerically Enriched Amines (realizada con contrato BAYER AG, mencion europea)
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Ester Guiu Rozas
Obtained qualification: **Excel.lent cum laude per unanimitat
Date of reading: 2003
European doctorate: Yes
- 14** **Project title:** Palladium complexes for CO/Styrene copolymerization. Study of the influence of ligand. (mencion europea)
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Amaia Bastero Rezola
Obtained qualification: **Excel.lent cum laude per unanimitat
Date of reading: 2002
European doctorate: Yes
- 15** **Project title:** Nuevos catalizadores para las reacciones de carbonilación e hidrogenación de alquenos en sistemas homogéneos y bifásicos
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Ali Aghmiz
Obtained qualification: **Excel.lent cum laude per unanimitat
Date of reading: 2002
- 16** **Project title:** Hidroformilación e hidrocarboxilación de alquenos. Estudios mecanísticos
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Inmaculada del Río Bocio
Obtained qualification: **Excel.lent cum laude per unanimitat
Date of reading: 2000
- 17** **Project title:** Complejos mono y heterodinucleares de metales de los grupos 9 y 10 con ligandos ditiolato. Aplicación en procesos de catálisis homogénea
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Jorge Forniés Cámer
Obtained qualification: **Excel.lent cum laude
Date of reading: 1998
- 18** **Project title:** Hidroformilación asimétrica de olefinas con nuevos complejos de rodio (I) como precursores de catalizador
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain



Student: Aránzazu Orejón Álvarez
Obtained qualification: **Apte cum laude
Date of reading: 1996

- 19** **Project title:** Preparación de complejos de rodio (I) con ligandos quirales. Estudio de la actividad catalítica en hidroformilación asimétrica
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Aida Castellanos Páez
Obtained qualification: **Apte cum laude
Date of reading: 1996
- 20** **Project title:** Nuevos compuestos organometálicos de Rh, Ir y Pt con ligandos S-dadores. Estudio de su actividad catalítica en la reacción de hidroformilación
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Abdellatif Aaliti
Obtained qualification: **Apte cum laude
Date of reading: 1995
- 21** **Project title:** Complejos de rodio con ligandos nitrógeno y azufre dadores. Estudio de la actividad catalítica
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili
City of entity: Spain
Student: Nuria Ruiz Morillas
Obtained qualification: **Apte cum laude
Date of reading: 1993
- 22** **Project title:** Preparación y estudio de nuevos complejos de rodio (I) como precursores catalíticos en reacciones de hidroformilación
Type of project: Doctoral thesis
Entity: Barcelona (Div. VII)
City of entity: Spain
Student: Anna-María Masdeu i Bultó
Obtained qualification: **Apte cum laude
Date of reading: 1992
- 23** **Project title:** Síntesis y estudio de la reactividad de compuestos organometálicos de rodio e iridio con ligandos sulfuro de fosfina
Type of project: Doctoral thesis
Entity: Barcelona (Div. VII)
City of entity: Spain
Student: Josep Viñas Juncosa
Obtained qualification: **Apte cum laude
Date of reading: 1990
- 24** **Project title:** Estudio de la hidroformilación de sustratos orgánicos con catalizadores de rodio (I)
Type of project: Doctoral thesis
Entity: Barcelona (Div. VII)



City of entity: Spain
Student: Alfonso Polo Ortiz
Obtained qualification: **Apte cum laude
Date of reading: 1990

25 **Project title:** Síntesis y estudio de nuevos compuestos organometálicos de iridio (I) con ligandos S-dadores
Type of project: Doctoral thesis
Entity: Barcelona (Div. VII)
City of entity: Spain
Student: Juan-Carlos Rodríguez Esteban
Obtained qualification: **Excel.lent cum laude
Date of reading: 1984

26 **Project title:** Síntesis y reactividad de compuestos organometálicos de rodio (I) con ligandos S-dadores
Type of project: Doctoral thesis
Entity: Barcelona (Div. VII)
City of entity: Spain
Student: Aurora Ruiz Manrique
Obtained qualification: **Excel.lent cum laude
Date of reading: 1983

Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

1 **Name of the project:** Tandem Electrocatalytic Reactor for energy/resource efficiency and process intensification

Entity where project took place: Fundació privada **Type of entity:** **Fundacions
Centre Tecnològic de la Química de Catalunya
(CTQC)

City of entity: 43007 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Funding entity or bodies:

Unió Europea

Type of entity: **Unió Europea

City funding entity: European Union institutions

Code according to the funding entity: 677471-TERRA-H2020-SPIRE

Start-End date: 15/09/2015 - 14/09/2019

Duration: 4 years

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 400.000 €

2 **Name of the project:** Efficient CO₂ valorization into fuels and high added value chemicals through homogeneous and nano-catalysis (ECO2VALCAT)

Entity where project took place: Facultat de
Química (URV)

Type of entity: **Universitats

City of entity: Tarragona, Spain



Name principal investigator (PI, Co-PI....): Cyril Godard (IP1), Maria del Carmen Orosia Claver Cabrero (IP2)

Funding entity or bodies:

Ministerio de Educación y Ciencia

Type of entity: **Ministeris

City funding entity: 28071 Madrid, Spain

Code according to the funding entity: CTQ2016-75016-R

Start-End date: 2016 - 2019

Duration: 3 years - 1 day

Participating entity/entities: Facultat de Química (URV)

Total amount: 153.000 €

3 Name of the project: Organometal·lics i Catàlisi Homogènia (OMICH)

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 11

Funding entity or bodies:

Universitat Rovira i Virgili

Type of entity: **Universitats

City funding entity: 43005 Tarragona, Spain

Code according to the funding entity: 2016PFR-URV-B2-21

Start-End date: 01/01/2017 - 31/07/2018

Duration: 1 year - 7 months

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 21.517,14 €

4 Name of the project: Organometal·lics i Catàlisi Homogènia (OMICH)

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 11

Funding entity or bodies:

Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)

Type of entity: **Comunitats Autònomes

City funding entity: 08003 Barcelona, Spain

Code according to the funding entity: 2014 SGR 670

Start-End date: 01/01/2014 - 30/04/2017

Duration: 3 years - 4 months

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 48.000 €

5 Name of the project: Eco-friendly biorefinery fine chemicals from CO2 photo-catalytic reduction

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 2

Funding entity or bodies:

Unió Europea

Type of entity: **Unió Europea

City funding entity: European Union institutions

Code according to the funding entity: 309701-CTQC

Start-End date: 01/12/2012 - 31/05/2016

Duration: 3 years - 6 months



Participating entity/entities: Universitat Rovira i Virgili
Total amount: 197.760,2 €

6 Name of the project: Innovative Synthesis in Continuous-Flow Processes for Sustainable Chemical Production

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats Virgili

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 8

Funding entity or bodies:

Unió Europea

Type of entity: **Unió Europea

City funding entity: European Union institutions

Code according to the funding entity: 246461

Start-End date: 01/09/2010 - 31/08/2014

Duration: 4 years

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 329.188 €

7 Name of the project: Organometàl·lics i catàlisi homogènia

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats Virgili

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 11

Funding entity or bodies:

Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR) **Type of entity:** **Comunitats Autònomes

City funding entity: 08003 Barcelona, Spain

Code according to the funding entity: 2009 SGR 116

Start-End date: 30/09/2009 - 30/04/2014

Duration: 4 years - 7 months - 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 73.840 €

8 Name of the project: Hacia una catálisis Asimétrica Sostenible: de la Catálisis Homogénea a la Nanocatálisis. TASC

Entity where project took place: DGICYT. Dirección General de Investigación Científica y Técnica - Ministerio de Educación **Type of entity:** **Administracions Públiques

City of entity: Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 7

Funding entity or bodies:

Ministerio de Ciencia e Innovación

Type of entity: **Ministeris

City funding entity: 28071 Madrid, Spain

Code according to the funding entity: CTQ2010-14938

Start-End date: 01/01/2011 - 31/12/2013

Duration: 3 years

Participating entity/entities: ----

Total amount: 198.000 €



- 9 Name of the project:** Asymmetric catalysis. New Phosphine- and Nitrogen-based ligands for enantioselective reactions with transition metal catalysis.
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats Virgili
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero
Nº of researchers: 4
Funding entity or bodies:
Universitat Rovira i Virgili **Type of entity:** **Universitats
City funding entity: 43005 Tarragona, Spain
Code according to the funding entity: 2007URV-ICIQ-07
Start-End date: 22/11/2007 - 31/08/2013 **Duration:** 5 years - 9 months - 10 days
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 52.000 €
- 10 Name of the project:** Programa de fomento de la actividad de investigación URV
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats Virgili
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero
Funding entity or bodies:
Universitat Rovira i Virgili **Type of entity:** **Universitats
City funding entity: 43005 Tarragona, Spain
Start-End date: 2009 - 2013 **Duration:** 4 years - 1 day
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 104.227 €
- 11 Name of the project:** Nuevos catalizadores para epoxidación de alquenos terminales
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats Virgili
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero
Nº of researchers: 4
Funding entity or bodies:
Ministerio de Ciencia e Innovación **Type of entity:** **Ministeris
City funding entity: 28071 Madrid, Spain
Code according to the funding entity: TRA2009_0323
Start-End date: 01/06/2010 - 31/12/2012 **Duration:** 2 years - 7 months
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 119.920 €
- 12 Name of the project:** Proyecto VALFUS: Aplicacions mediambientals i industrials de la catàlisi
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats Virgili
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Maria Elena Fernández Gutiérrez
Funding entity or bodies:
Centre d'Innovació i Desenvolupament Empresarial **Type of entity:** **Comunitats Autònomes (CIDEM)
City funding entity: Barcelona, Spain



Start-End date: 2009 - 2011 **Duration:** 2 years - 1 day
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 60.160 €

- 13 Name of the project:** Diseño de Catalizadores para una Química Sostenible: Una Aproximación Integrada
Entity where project took place: Fundació Privada Institut Català d'Investigació Química (ICIQ) **Type of entity:** **Fundacions
City of entity: 43007 Tarragona, Spain
Name principal investigator (PI, Co-PI...): M. A. Pericàs Brondo
Nº of researchers: 95
Funding entity or bodies: Ministerio de Educación y Ciencia **Type of entity:** **Ministeris
City funding entity: 28071 Madrid, Spain
Code according to the funding entity: CSD2006-0003
Start-End date: 2006 - 2011 **Duration:** 5 years - 1 day
Participating entity/entities: Fundació Privada Institut Català d'Investigació Química (ICIQ)
Total amount: 4.900.000 €

- 14 Name of the project:** Nuevas estrategias en catalisis asimetrica con metales de transición (NECAMT)
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero
Nº of researchers: 6
Funding entity or bodies: Ministerio de Educación y Ciencia **Type of entity:** **Ministeris
City funding entity: 28071 Madrid, Spain
Code according to the funding entity: CTQ2007-62288
Start-End date: 01/10/2007 - 30/09/2010 **Duration:** 3 years
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 150.000 €

- 15 Name of the project:** Processos catalíticos ambientalmente benignos utilizando ligandos de tipo fosfina-sulfonato
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero
Nº of researchers: 1
Funding entity or bodies: Ministerio de Ciencia e Innovación **Type of entity:** **Ministeris
City funding entity: 28071 Madrid, Spain
Code according to the funding entity: HPB2008-0038-PC
Start-End date: 15/07/2009 - 11/09/2010 **Duration:** 1 year - 1 month - 28 days
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 6.050 €

- 16 Name of the project:** Síntesi enantioselectiva d'amines d'interés farmacèutic
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats



City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

N° of researchers: 4

Funding entity or bodies:

Departament d'Innovació, Universitats i Empresa.
Generalitat de Catalunya

Type of entity: **Comunitats Autònomes

City funding entity: 08003 Barcelona, Spain

Code according to the funding entity: 2007ITT-00006

Start-End date: 16/01/2008 - 15/01/2010

Duration: 2 years

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 28.000 €

17 Name of the project: Innovative approaches for enantioselective catalysis Departament d'Innovació, Universitats i Empresa,

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Anna M. Masdeu Bultó

N° of researchers: 10

Funding entity or bodies:

Departament d'Innovació, Universitats i Empresa.
Generalitat de Catalunya

Type of entity: **Comunitats Autònomes

City funding entity: 08003 Barcelona, Spain

Code according to the funding entity: 2007ITT00007

Start-End date: 2008 - 2009

Duration: 1 year - 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 14.000 €

18 Name of the project: Organometàl·lics i catàlisi homogènica

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

N° of researchers: 8

Funding entity or bodies:

Direcció General de Recerca de la Generalitat de Catalunya

Type of entity: **Administracions Públiques

City funding entity: Barcelona, Spain

Code according to the funding entity: 2005SGR-00777

Start-End date: 18/10/2005 - 31/12/2008

Duration: 3 years - 2 months - 14 days

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 42.200 €

19 Name of the project: Síntesis de isocianatos: Carbonilación oxidante de anilinas con catalizadores de cobalto

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

N° of researchers: 5

**Funding entity or bodies:**

Comisión Interministerial de Ciencia y Tecnología (CICYT) **Type of entity:** **Administracions Públiques

City funding entity: 28020 Madrid, Spain

Code according to the funding entity: PTR1995-0874-OP

Start-End date: 25/08/2005 - 24/08/2008 **Duration:** 3 years

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 100.900 €

20 Name of the project: Catálisis asimétrica con metales de transición: Ligandos funcionalizados para reacciones enantioselectivas y recuperación del catalizador

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 7

Funding entity or bodies:

Ministerio de Ciencia y Tecnología **Type of entity:** **Ministeris

City funding entity: 28071 Madrid, Spain

Code according to the funding entity: CTQ2004-04412

Start-End date: 13/12/2004 - 12/12/2007 **Duration:** 3 years

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 143.700 €

21 Name of the project: Catalizadores de paladio para procesos de carbonilación: Estudios mecanísticos y caracterización de intermedios a alta presión

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 3

Funding entity or bodies:

Dirección General de Investigación **Type of entity:** **Ministeris

City funding entity: 28071 Madrid, Spain

Code according to the funding entity: CTQ2005-24305-E

Start-End date: 19/04/2006 - 18/04/2007 **Duration:** 1 year

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 16.000 €

22 Name of the project: Professor Distingit de la URV: Reducció docent Beca URV

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 1

Funding entity or bodies:

Universitat Rovira i Virgili **Type of entity:** **Universitats

City funding entity: 43005 Tarragona, Spain

Code according to the funding entity: 2006PDU/04

Start-End date: 01/01/2006 - 31/12/2006 **Duration:** 1 year



Participating entity/entities: Universitat Rovira i Virgili
Total amount: 11.686,81 €

23 Name of the project: Atom-economic synthesis using Palladium, the Chameleon Catalyst.

Entity where project took place: Universitat Rovira i Virgili
Type of entity: **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 6

Funding entity or bodies:

Comissió Europea

Type of entity: **Unió Europea

City funding entity: European Union institutions

Code according to the funding entity: RTN2-2001-00127

Start-End date: 01/04/2002 - 31/03/2006

Duration: 4 years

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 162.500 €

24 Name of the project: Desarrollo de catalizadores homogéneos y bifásicos para la valorización de materias primas insaturadas mediante reacciones de carbonilación

Entity where project took place: Universitat Rovira i Virgili
Type of entity: **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Roberto Sanchez Delgado

Nº of researchers: 25

Funding entity or bodies:

Consell Interdepartamental de Recerca i Innovació Tecnològica. Generalitat de Catalunya

Type of entity: **Comunitats Autònomes

City funding entity: 08003 Barcelona, Spain

Code according to the funding entity: V9Iberoamericano de Coope

Start-End date: 2003 - 2006

Duration: 3 years - 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 150.000 €

25 Name of the project: Nanopartículas metálicas estabilizadas por ligandos quirales en catálisis enantioselectiva Laboratoire de Chimie de Coordination. Toulouse. França

Entity where project took place: Universitat Rovira i Virgili
Type of entity: **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 1

Funding entity or bodies:

Ministerio de Ciencia y Tecnología

Type of entity: **Ministeris

City funding entity: 28071 Madrid, Spain

Code according to the funding entity: HF2003-0024

Start-End date: 01/01/2004 - 31/12/2005

Duration: 2 years

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 7.700 €



- 26** **Name of the project:** Grup de Catàlisi Homogènia i Síntesi Orgànica Estereoselectiva
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
Virgili
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero
Nº of researchers: 12
Funding entity or bodies:
Direcció General de Recerca de la Generalitat de Catalunya **Type of entity:** **Administracions Públiques
City funding entity: Barcelona, Spain
Code according to the funding entity: 2001SGR-00316
Start-End date: 01/01/2002 - 31/12/2005 **Duration:** 4 years
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 30.050,61 €
- 27** **Name of the project:** Nanopartícules metàl·liques en catàlisi
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
Virgili
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Montserrat Gomez Simón
Nº of researchers: 41
Funding entity or bodies:
Direcció General d'Universitats. Generalitat de Catalunya **Type of entity:** **Comunitats Autònomes
City funding entity: Spain
Institut National Polytechnique de Toulouse **Type of entity:** **Instituts
City funding entity: Toulouse, France
Code according to the funding entity: PICS
Start-End date: 2004 - 2005 **Duration:** 1 year - 1 day
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 12.000 €
- 28** **Name of the project:** Nuevos catalizadores eficaces en catálisis homogénea: estudio mecanístico y aplicación en reacciones de reducción, carbonilación y formación de enlace C-C
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
Virgili
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero
Nº of researchers: 5
Funding entity or bodies:
Ministerio de Ciencia y Tecnología **Type of entity:** **Ministeris
City funding entity: 28071 Madrid, Spain
Code according to the funding entity: BQU2001-0656
Start-End date: 28/12/2001 - 27/12/2004 **Duration:** 3 years
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 42.070,83 €
- 29** **Name of the project:** Reacciones de carbonilación en dióxido de carbono supercrítico
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
Virgili



City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Anna Maria Masdeu Bultó

Nº of researchers: 3

Funding entity or bodies:

Ministerio de Ciencia y Tecnología

Type of entity: **Ministeris

City funding entity: 28071 Madrid, Spain

Code according to the funding entity: PPQ2001-0452

Start-End date: 28/12/2001 - 27/12/2004

Duration: 3 years

Participating entity/entities: ----

Total amount: 60.702,22 €

30 Name of the project: Distinció de la Generalitat de Catalunya per a la promoció de la recerca universitària
Categoria d'investigadors reconeguts

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
Virgili

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 1

Funding entity or bodies:

Departament d'Universitats, Recerca i Societat de la Informació. Generalitat de Catalunya **Type of entity:** **Comunitats Autònomes

City funding entity: 08003 Barcelona, Spain

Code according to the funding entity: 2003DIST/01

Start-End date: 01/10/2003 - 30/09/2004

Duration: 1 year

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 30.087 €

31 Name of the project: Desarrollo de nuevos catalizadores para la hidrogenación asimétrica de iminas.
Síntesis de aminas de elevada pureza óptica

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
Virgili

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 9

Funding entity or bodies:

Ministerio de Ciencia y Tecnología

Type of entity: **Ministeris

City funding entity: 28071 Madrid, Spain

Code according to the funding entity: FIT-040000-2002-50

Start-End date: 01/01/2002 - 31/12/2002

Duration: 1 year

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 13.800 €

32 Name of the project: 13th International Symposium on Homogeneous Catalysis

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
Virgili

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 11

Funding entity or bodies:

Type of entity: **Comunitats Autònomes



Consell Interdepartamental de Recerca i Innovació
Tecnològica. Generalitat de Catalunya
City funding entity: 08003 Barcelona, Spain

Code according to the funding entity: 2001ACES 00042

Start-End date: 01/01/2001 - 30/09/2002

Duration: 1 year - 9 months

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 4.207,08 €

33 Name of the project: Organització 13th International Symposium on Homogeneous Catalysis

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 11

Funding entity or bodies:

Consell Interdepartamental de Recerca i Innovació
Tecnològica. Generalitat de Catalunya

Type of entity: **Comunitats Autònomes

City funding entity: 08003 Barcelona, Spain

Code according to the funding entity: 2002ACES 00079

Start-End date: 01/01/2001 - 31/08/2002

Duration: 1 year - 8 months

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 2.600 €

34 Name of the project: Grup de Catàlisi Homogènia i Síntesi Orgànica Estereoselectiva

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 11

Funding entity or bodies:

Direcció General de Recerca de la Generalitat de
Catalunya

Type of entity: **Administracions Públiques

City funding entity: Barcelona, Spain

Code according to the funding entity: 1999SGR-00361

Start-End date: 11/01/2000 - 10/01/2002

Duration: 2 years

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 19.232,39 €

35 Name of the project: Aqueous and supercritical solutions in the catalytic activation of small molecules

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI...): Anna Maria Masdeu Bultó

Funding entity or bodies:

Comissió Europea

Type of entity: **Unió Europea

City funding entity: European Union institutions

Code according to the funding entity: D10/0001/98

Start-End date: 1998 - 2002

Duration: 4 years - 1 day

Participating entity/entities: Universitat Rovira i Virgili



- 36** **Name of the project:** Applications of organometallic complexes to asymmetric catalysis
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI...): Carmen Claver Cabrero
Funding entity or bodies:
Comissió Europea **Type of entity:** **Unió Europea
City funding entity: European Union institutions
Code according to the funding entity: D12/0009/98
Start-End date: 1998 - 2002 **Duration:** 4 years - 1 day
Participating entity/entities: Universitat Rovira i Virgili
- 37** **Name of the project:** Procesos de carbonilación de interés industrial
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero
Nº of researchers: 7
Funding entity or bodies:
Ministerio de Educación y Ciencia **Type of entity:** **Ministeris
City funding entity: 28071 Madrid, Spain
Code according to the funding entity: 2FD97-1565
Start-End date: 30/12/1999 - 29/12/2001 **Duration:** 2 years
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 61.904,25 €
- 38** **Name of the project:** Compuestos organometálicos en catálisis homogénea. Aplicación en procesos de formación selectiva de enlaces C-C
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero
Nº of researchers: 8
Funding entity or bodies:
Dirección General de Enseñanza Superior **Type of entity:** **Altres organismes
City funding entity: Spain
Code according to the funding entity: PB97-0407-C05-01
Start-End date: 01/10/1998 - 30/09/2001 **Duration:** 3 years
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 84.141,69 €
- 39** **Name of the project:** Presentación y promoción del próximo International Symposium Homogeneous Catalysis (ISHC) 2002
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero
Nº of researchers: 4
Funding entity or bodies:
Dirección General de Enseñanza Superior **Type of entity:** **Altres organismes



City funding entity: Spain

Code according to the funding entity: PGC2000-2430-E

Start-End date: 27/08/2001 - 26/09/2001

Duration: 1 month

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 2.374,71 €

- 40 Name of the project:** Reacciones de oxidación y epoxidación de sustratos orgánicos con catalizadores a base de heteropolifosfatos

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Anna Maria Masdeu Bultó

Nº of researchers: 7

Funding entity or bodies:

Instituto de Cooperación con el Mundo Árabe

Type of entity: **Altres organismes

City funding entity: Spain

Start-End date: 05/01/2000 - 04/01/2001

Duration: 1 year

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 4.748 €

- 41 Name of the project:** Infraestructura de recerca de la Universitat Rovira i Virgili (Caja de guantes para trabajar en atmósfera inerte)

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 1

Funding entity or bodies:

Universitat Rovira i Virgili

Type of entity: **Universitats

City funding entity: 43005 Tarragona, Spain

Code according to the funding entity: 2001PIR-05

Start-End date: 2001 - 2001

Duration: 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 24.795,54 €

- 42 Name of the project:** Participació d'investigadors catalans al congrés 'Highlights in Homogeneous Catalysis'

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 1

Funding entity or bodies:

Consell Interdepartamental de Recerca i Innovació Tecnològica. Generalitat de Catalunya

Type of entity: **Comunitats Autònomes

City funding entity: 08003 Barcelona, Spain

Code according to the funding entity: ACES2000-62

Start-End date: 05/07/2000 - 04/08/2000

Duration: 1 month

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 2.103,54 €



- 43** **Name of the project:** Concepte: Beca de Projecte
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Maria del Carmen Claver Cabrero
Funding entity or bodies: Universitat Rovira i Virgili **Type of entity:** **Universitats
City funding entity: 43005 Tarragona, Spain
Code according to the funding entity: 1999PSR-24
Start-End date: 1999 - 2000 **Duration:** 1 year - 1 day
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 6.636,1 €
- 44** **Name of the project:** Aqueous and supercritical solutions in the catalytic activation of small molecules
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Anna Maria Masdeu Bultó
N° of researchers: 7
Funding entity or bodies: Dirección General de Enseñanza Superior **Type of entity:** **Altres organismes
City funding entity: Spain
Code according to the funding entity: APC1999-0084
Start-End date: 21/07/1999 - 20/08/1999 **Duration:** 1 month
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 1.202,02 €
- 45** **Name of the project:** Reacciones diastereoselectivas de ciclocarbonilación y de acoplamiento carbono - carbono. INP de Toulouse. Ph. Kalck. Estada: 5 setmanes i 3 dies. Viatges: 2.
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero
N° of researchers: 1
Funding entity or bodies: Ministerio de Educación y Ciencia **Type of entity:** **Ministeris
City funding entity: 28071 Madrid, Spain
Code according to the funding entity: HF96-0032
Start-End date: 12/03/1997 - 11/03/1999 **Duration:** 2 years
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 2.584,35 €
- 46** **Name of the project:** Infraestructura de recerca de la Universitat Rovira i Virgili (RMN d'alta pressió)
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Sergio Castellón Miranda
N° of researchers: 20
Funding entity or bodies: Universitat Rovira i Virgili **Type of entity:** **Universitats



City funding entity: 43005 Tarragona, Spain

Code according to the funding entity: 1999IURV-00236

Start-End date: 1999 - 1999

Duration: 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 27.045,54 €

47 Name of the project: Catàlisis asimétrica con catalizadores organometálicos encapsulados en zeolitas

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Carmen Claver Cabrero

Funding entity or bodies:

Ministerio de Educación y Ciencia

Type of entity: **Ministeris

City funding entity: 28071 Madrid, Spain

Code according to the funding entity: HB97-053

Start-End date: 1998 - 1999

Duration: 1 year - 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 7.753,06 €

48 Name of the project: Stereoselective reactions promoted by metal complexes with chiral ligands containing sulfur donors

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Claver Cabrero

Funding entity or bodies:

Comissió Europea

Type of entity: **Unió Europea

City funding entity: European Union institutions

Code according to the funding entity: D2/0006/94

Start-End date: 1994 - 1999

Duration: 5 years - 1 day

Participating entity/entities: Universitat Rovira i Virgili

49 Name of the project: Catalitzadors organometàl.lics enantioselectius. Aplicació a la síntesi de productes d'alt valor afegit

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

N° of researchers: 11

Funding entity or bodies:

Direcció General de Recerca de la Generalitat de Catalunya

Type of entity: **Administracions Públiques

City funding entity: Barcelona, Spain

Code according to the funding entity: QF95-4725-C03-02

Start-End date: 01/12/1995 - 30/11/1998

Duration: 3 years

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 105.177,12 €



50 Name of the project: Programa especial de promoció de la recerca i desenvolupament tecnològic dela Generalitat de Catalunya (Espectrofotòmetre d'infrarroig amb Transformada de Fouriers)

Entity where project took place: Universitat Rovira i **Type of entity:** **Universitats Virgili

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 8

Funding entity or bodies:

Direcció General de Recerca de la Generalitat de Catalunya **Type of entity:** **Administracions Públiques

City funding entity: Barcelona, Spain

Code according to the funding entity: 1998PIRA-00168

Start-End date: 1998 - 1998

Duration: 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 30.423,23 €

51 Name of the project: Reaccions de carbonilació asimètrica en sistema bifàsic

Entity where project took place: Universitat Rovira i **Type of entity:** **Universitats Virgili

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Anna Maria Masdeu Bulto

Funding entity or bodies:

Direcció General de Recerca de la Generalitat de Catalunya **Type of entity:** **Administracions Públiques

City funding entity: Barcelona, Spain

Code according to the funding entity: ACI96-....

Start-End date: 1997 - 1998

Duration: 1 year - 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 2.704,55 €

52 Name of the project: Catàlisi Homogènia. Síntesi de Nucleòsids.

Entity where project took place: Universitat Rovira i **Type of entity:** **Universitats Virgili

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 15

Funding entity or bodies:

Direcció General de Recerca de la Generalitat de Catalunya **Type of entity:** **Administracions Públiques

City funding entity: Barcelona, Spain

Code according to the funding entity: 1995SGR-00548

Start-End date: 20/12/1995 - 19/12/1997

Duration: 2 years

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 30.651,62 €

53 Name of the project: Reacciones diastereoselectivas de ciclocarbonilación y de acoplamiento carbono-carbono

Entity where project took place: Universitat Rovira i **Type of entity:** **Universitats Virgili

City of entity: 43005 Tarragona, Spain



Name principal investigator (PI, Co-PI....): Maria del Carmen Claver Cabrero

Funding entity or bodies:

DGICYT. Dirección General de Investigación Científica y Técnica - Ministerio de Educación

Type of entity: **Administracions Públiques

City funding entity: Spain

Code according to the funding entity: HF96-032

Start-End date: 1996 - 1997

Duration: 1 year - 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 2.584,35 €

54 Name of the project: Hidrogenación enantioselectiva de iminas con ligandos difosfitos

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Carmen Claver Cabrero

Funding entity or bodies:

DGICYT. Dirección General de Investigación Científica y Técnica - Ministerio de Educación

Type of entity: **Administracions Públiques

City funding entity: Spain

Code according to the funding entity: HB96-133

Start-End date: 1996 - 1997

Duration: 1 year - 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 2.944,96 €

55 Name of the project: Design, Synthesis and Characterization of Homogeneous and Heterogenized Catalytic Precursors, containing sulphur ligands

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 1

Funding entity or bodies:

Comissió Europea

Type of entity: **Unió Europea

City funding entity: European Union institutions

Code according to the funding entity: CI1*-CT93-0329

Start-End date: 01/01/1994 - 31/12/1996

Duration: 3 years

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 138,5 €

56 Name of the project: Ligandos sulfurados quirales en catálisis homogénea. Universidad de Sassari. S. Gladiali.

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 1

Funding entity or bodies:

Ministerio de Educación y Ciencia

Type of entity: **Ministeris

City funding entity: 28071 Madrid, Spain

Code according to the funding entity: HI93-031



Start-End date: 18/05/1994 - 17/05/1996 **Duration:** 2 years
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 1.346,27 €

57 Name of the project: Organometàl·lics i Catàlisi Homogènia. Síntesi Orgànica: Síntesi Estereoselectiva.

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 10

Funding entity or bodies:

Direcció General de Recerca de la Generalitat de Catalunya **Type of entity:** **Administracions Públiques

City funding entity: Barcelona, Spain

Code according to the funding entity: GRQ93-7007

Start-End date: 12/01/1994 - 11/01/1996 **Duration:** 2 years

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 21.035,42 €

58 Name of the project: PNI+D. General. (Ressonància magnètica nuclear 400 Mhz)

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Sergio Castellón Miranda

Nº of researchers: 7

Funding entity or bodies:

Comisión Interministerial de Ciencia y Tecnología (CICYT) **Type of entity:** **Administracions Públiques

City funding entity: 28020 Madrid, Spain

Code according to the funding entity: 1996PIRB-00030 IN96-0137

Start-End date: 1996 - 1996 **Duration:** 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 150.253,03 €

59 Name of the project: Programa especial de promoció de la recerca i desenvolupament tecnològic de la Generalitat de Catalunya. Modalitat B (Ressonància magnètica nuclear 400 Mhz)

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Sergio Castellón Miranda

Nº of researchers: 7

Funding entity or bodies:

Direcció General de Recerca de la Generalitat de Catalunya **Type of entity:** **Administracions Públiques

City funding entity: Barcelona, Spain

Code according to the funding entity: 1996PIRB-00030 IN96-0137

Start-End date: 1996 - 1996 **Duration:** 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 90.151,82 €



- 60** **Name of the project:** Catàlisis enantioselectiva con complejos de metales de transición
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
Virgili
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero
Nº of researchers: 4
Funding entity or bodies:
DGICYT. Dirección General de Investigación Científica y Técnica - Ministerio de Educación **Type of entity:** **Administracions Públiques
City funding entity: Spain
Code according to the funding entity: PB91-0663-C03-01
Start-End date: 22/06/1992 - 21/06/1995 **Duration:** 3 years
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 57.096,15 €
- 61** **Name of the project:** Programa de Química Fina de la Comunitat Autònoma de Catalunya (Estació de treball)
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
Virgili
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Maria Virginia Cádiz Deleito
Nº of researchers: 5
Funding entity or bodies:
Direcció General de Recerca de la Generalitat de Catalunya **Type of entity:** **Administracions Públiques
City funding entity: Barcelona, Spain
Code according to the funding entity: IN95-4766
Start-End date: 1995 - 1995 **Duration:** 1 day
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 48.080,97 €
- 62** **Name of the project:** Programa especial de promoció de la recerca i desenvolupament tecnològic dela Generalitat de Catalunya (Utilitatge bàsic)
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
Virgili
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Jordi Cartanyà Solé
Nº of researchers: 6
Funding entity or bodies:
Direcció General de Recerca de la Generalitat de Catalunya **Type of entity:** **Administracions Públiques
City funding entity: Barcelona, Spain
Code according to the funding entity: 1995PIRA-00271
Start-End date: 1995 - 1995 **Duration:** 1 day
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 24.040,48 €
- 63** **Name of the project:** Ligandos sulfurados quirales en catàlisis homogénea
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
Virgili



City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Claver Cabrero

Funding entity or bodies:

DGICYT. Dirección General de Investigación Científica y Técnica - Ministerio de Educación

Type of entity: **Administracions Públiques

City funding entity: Spain

Code according to the funding entity: HI93-031

Start-End date: 1994 - 1995

Duration: 1 year - 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 1.346,27 €

64 Name of the project: Programa de Química Fina de la Comunitat Autònoma de Catalunya (Complements d'RMN)

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 1

Funding entity or bodies:

Direcció General de Recerca de la Generalitat de Catalunya

Type of entity: **Administracions Públiques

City funding entity: Barcelona, Spain

Code according to the funding entity: IN94-4652

Start-End date: 1994 - 1994

Duration: 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 30.050,6 €

65 Name of the project: Programa especial de promoció de la recerca i desenvolupament tecnològic dela Generalitat de Catalunya (Sistema d'alimentació ininterrompuda SAI 5KVA)

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria Virginia Cádiz Deleito

Nº of researchers: 31

Funding entity or bodies:

Direcció General de Recerca de la Generalitat de Catalunya

Type of entity: **Administracions Públiques

City funding entity: Barcelona, Spain

Code according to the funding entity: PIR94-12

Start-End date: 1994 - 1994

Duration: 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 37.262,75 €

66 Name of the project: Programa especial de promoció de la recerca i desenvolupament tecnològic dela Generalitat de Catalunya (FAB kit)

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 5

**Funding entity or bodies:**

Direcció General de Recerca de la Generalitat de Catalunya

Type of entity: **Administracions Públiques

City funding entity: Barcelona, Spain

Code according to the funding entity: INU93-B11

Start-End date: 1993 - 1993

Duration: 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 38.014,02 €

67 Name of the project: Hidrogenación Asimétrica de Iminas, Oximas y Nitrones
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Carmen Claver Cabrero

Funding entity or bodies:

DGICYT. Dirección General de Investigación Científica y Técnica - Ministerio de Educación

Type of entity: **Administracions Públiques

City funding entity: Spain

Code according to the funding entity: HB92-096

Start-End date: 1992 - 1993

Duration: 1 year - 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 2.073,49 €

68 Name of the project: Nuevos catalizadores de hidroformilación: Estudio de su selectividad y recuperación
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 2

Funding entity or bodies:

DGICYT. Dirección General de Investigación Científica y Técnica - Ministerio de Educación

Type of entity: **Administracions Públiques

City funding entity: Spain

Code according to the funding entity: PB88-0252-C02-02

Start-End date: 22/09/1989 - 21/09/1992

Duration: 3 years

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 24.040,49 €

69 Name of the project: Catálisis organometálica asimétrica en sistema bifásico. Laboratorio de Síntesis Asimétrica. D. Sinou.

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 1

Funding entity or bodies:

Ministerio de Educación y Ciencia

Type of entity: **Ministeris

City funding entity: 28071 Madrid, Spain

Code according to the funding entity: HF90-030

Start-End date: 23/01/1990 - 22/01/1992

Duration: 2 years



Participating entity/entities: Universitat Rovira i Virgili

Total amount: 1.202,02 €

- 70** **Name of the project:** Programa de Química Fina de la Comunitat Autònoma de Catalunya (Espectropolarímetre)
Entity where project took place: Universitat Rovira i **Type of entity:** **Universitats Virgili
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero
Nº of researchers: 1
Funding entity or bodies:
Direcció General de Recerca de la Generalitat de Catalunya **Type of entity:** **Administracions Públiques
City funding entity: Barcelona, Spain
Code according to the funding entity: IN92-4353
Start-End date: 1992 - 1992 **Duration:** 1 day
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 49.884 €
- 71** **Name of the project:** Programa de Química Fina de la Comunitat Autònoma de Catalunya (Analitzador elemental)
Entity where project took place: Universitat Rovira i **Type of entity:** **Universitats Virgili
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero
Nº of researchers: 4
Funding entity or bodies:
Direcció General de Recerca de la Generalitat de Catalunya **Type of entity:** **Administracions Públiques
City funding entity: Barcelona, Spain
Code according to the funding entity: IN91-4238
Start-End date: 1991 - 1991 **Duration:** 1 day
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 40.267,81 €
- 72** **Name of the project:** Compuestos organometálicos de rodio e iridio. Aplicación en catálisis homogénea y en la preparación de materiales conductores.
Entity where project took place: Universitat Rovira i **Type of entity:** **Universitats Virgili
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero
Funding entity or bodies:
DGICYT. Dirección General de Investigación Científica y Técnica - Ministerio de Educación **Type of entity:** **Administracions Públiques
City funding entity: Spain
Code according to the funding entity: PB85-0008-C02-00
Start-End date: 17/09/1986 - 16/09/1989 **Duration:** 3 years
Participating entity/entities: Universitat Rovira i Virgili
Total amount: 29.449,59 €



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CURRÍCULUM VITAE NORMALIZADO

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73 Name of the project: Compuestos organometálicos de rodio e iridio. Aplicación en catálisis homogénea y en la preparación de materiales conductores.

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Funding entity or bodies:

DGICYT. Dirección General de Investigación Científica y Técnica - Ministerio de Educación

Type of entity: **Administracions Públiques

City funding entity: Spain

Code according to the funding entity: PB85-0008-C02-01

Start-End date: 17/09/1986 - 16/09/1989

Duration: 3 years

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 14.724,8 €

74 Name of the project: Estudio de la interacción de diazirinas y compuestos relacionados con rodio e iridio. Actividad catalítica en procesos homogéneos

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Carmen Claver Cabrero

Funding entity or bodies:

DGICYT. Dirección General de Investigación Científica y Técnica - Ministerio de Educación

Type of entity: **Administracions Públiques

City funding entity: Spain

Code according to the funding entity: HB88-003

Start-End date: 1988 - 1989

Duration: 1 year - 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 1.202,02 €

75 Name of the project: Programa especial de promoció de la recerca i desenvolupament tecnològic de la Generalitat de Catalunya (Equip d'espectroscòpia infraroja)

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Jesús Eduardo Sueiras Romero

Nº of researchers: 7

Funding entity or bodies:

Direcció General de Recerca de la Generalitat de Catalunya

Type of entity: **Administracions Públiques

City funding entity: Barcelona, Spain

Start-End date: 1987 - 1987

Duration: 1 day

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 28.247,57 €

76 Name of the project: Estudio de la actividad catalítica de compuestos organometálicos de rodio (I) e iridio (I) en procesos de hidrogenación homogénea

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Carmen Claver Cabrero

**Funding entity or bodies:**

Universitat de Barcelona

Type of entity: **Universitats**City funding entity:** 08007 Barcelona, Spain**Start-End date:** 1986 - 1986**Duration:** 1 day**Participating entity/entities:** Universitat Rovira i Virgili

77 Name of the project: Síntesi, reactivitat i estudi d'activitat catalítica de compostos organometal·lics de rodi (I) i iridi (I)

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Funding entity or bodies:

Consell Interdepartamental de Recerca i Innovació Tecnològica. Generalitat de Catalunya

Type of entity: **Comunitats Autònomes**City funding entity:** 08003 Barcelona, Spain**Code according to the funding entity:** 206/1982 AR 82-12**Start-End date:** 1982 - 1982**Duration:** 1 day**Participating entity/entities:** Universitat Rovira i Virgili

78 Name of the project: Compuestos organometálicos de rodio e iridio. Síntesis y estudio de su actividad catalítica

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Funding entity or bodies:

Universitat de Barcelona

Type of entity: **Universitats**City funding entity:** 08007 Barcelona, Spain**Start-End date:** 1982 - 1982**Duration:** 1 day**Participating entity/entities:** Universitat Rovira i Virgili

79 Name of the project: 2003XT-00063 Catàlisis homogènia amb metalls de transició Grups de recerca Organometal·lics i Catàlisi Homogènia (URV) Grup d'Activació d'Oxigen de Girona (UG) Catàlisi Homogènia (UAB) Catàlisi Homogènia (UB) Materials Inorgànics i Catàlisi (ICMB) Organometal·lics (UG) Catàlisi Homogènia (ICMAB) (CSIC) Lligands Funcionalitzats (UAB) Síntesi Orgànica (URV) Unitat de Recerca en Síntesis Asimètrica (UB) (PCB) Síntesi Estereoselectiva d'Antibiòtics i Antivírics (UB)

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 1**Funding entity or bodies:**

Consell Interdepartamental de Recerca i Innovació Tecnològica. Generalitat de Catalunya

Type of entity: **Comunitats Autònomes**City funding entity:** 08003 Barcelona, Spain**Start date:** 30/06/2003**Participating entity/entities:** Universitat Rovira i Virgili**Total amount:** 7.000 €



80 Name of the project: Estudi dels processos de polimerització i copolimerització d'oleofins amb catalitzadors homogenis. Posta a punt de diferents sistemes catalítics. Ref.: 1997BEAI400086. University of North Carolina. Chapel Hill, Estats Units. Període: 01-04-98 a 30-06-98. DOGC 2543 (22.12.97)

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 1

Funding entity or bodies:

Consell Interdepartamental de Recerca i Innovació Tecnològica. Generalitat de Catalunya **Type of entity:** **Comunitats Autònomes

City funding entity: 08003 Barcelona, Spain

Start date: 26/11/1997

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 5.318,96 €

81 Name of the project: Clusters Reactions and Catalysis. Tarragona (Salou). Import demanat: 500.000 Ref.: C093-0424

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 1

Funding entity or bodies:

DGICYT. Dirección General de Investigación Científica y Técnica - Ministerio de Educación **Type of entity:** **Administracions Públiques

City funding entity: Spain

Start date: 20/04/1994

Participating entity/entities: Universitat Rovira i Virgili

Total amount: 3.005,06 €

R&D non-competitive contracts, agreements or projects with public or private entities

1 Name of the project: Selective Homogeneous Catalysis

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Fundació privada **Type of entity:** **Fundacions
Centre Tecnològic de la Química de Catalunya (CTQC)

City of entity: 43007 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Participating entity/entities: Facultat de Química (URV)

Funding entity or bodies:

IFF Benicarló, S.A. **Type of entity:** **Empreses

City funding entity: 12580 Benicarló, Spain

Code according to the funding entity: IFF-CTQC-2016

Start date: 11/2016

2 Name of the project: SYNTHESIS OF COLLOIDAL METAL NANOCATALYSTS AND THEIR APPLICATION IN THE SELECTIVE HYDROGENATION OF TRIPLE-BOND CARBON-CARBON CONTAINING HYDROCARBONS



Degree of contribution: Researcher

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI...): Cyril Godard .; Sergio Castellón Miranda; Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 3

Participating entity/entities: Universitat Rovira i Virgili

Funding entity or bodies:

TOTAL RAFFINAGE CHIMIE

Type of entity: **Químiques

City funding entity: 92400 COURBEVOIE, France

Code according to the funding entity: TQC15043S

Start date: 01/09/2015

Duration: 4 years

Total amount: 439.000 €

3 Name of the project: Catalysts for CO2 transformation

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Fundació privada **Type of entity:** **Fundacions
Centre Tecnològic de la Química de Catalunya
(CTQC)

City of entity: 43007 Tarragona, Spain

Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero

Participating entity/entities: Universitat Rovira i Virgili

Funding entity or bodies:

Repsol I+D

Type of entity: **Altres organismes

City funding entity: Spain

Code according to the funding entity: TQC14029S

Start date: 15/07/2014

Duration: 1 year - 5 months - 17 days

Total amount: 181.656 €

4 Name of the project: Analysis and characterization of poliols in REPSOL Química site

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Fundació privada **Type of entity:** **Fundacions
Centre Tecnològic de la Química de Catalunya
(CTQC)

City of entity: 43007 Tarragona, Spain

Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero

Participating entity/entities: Universitat Rovira i Virgili

Funding entity or bodies:

Repsol Química, S.A.

Type of entity: **Químiques

City funding entity: 43140 La Pobla de Mafumet, Spain

Code according to the funding entity: TQC14016S

Start date: 01/04/2014

Duration: 6 months

Total amount: 35.840 €

5 Name of the project: Catalysts for CO2 transformation

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Fundació privada **Type of entity:** **Fundacions
Centre Tecnològic de la Química de Catalunya
(CTQC)



City of entity: 43007 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Participating entity/entities: Universitat Rovira i Virgili

Funding entity or bodies:

Repsol I+D

Type of entity: **Altres organismes

City funding entity: Spain

Start date: 01/08/2013

Duration: 1 year

Total amount: 119.092,11 €

6 Name of the project: Catalysts for Fischer-Tropsch synthesis

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Fundació privada Centre Tecnològic de la Química de Catalunya (CTQC) **Type of entity:** **Fundacions

City of entity: 43007 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 2

Participating entity/entities: Universitat Rovira i Virgili

Funding entity or bodies:

TOTAL RAFFINAGE CHIMIE

Type of entity: **Químiques

City funding entity: 92400 COURBEVOIE, France

Code according to the funding entity: IQC13002S

Start date: 01/05/2013

Duration: 2 years

Total amount: 123.600 €

7 Name of the project: Estudio de catalizadores para la reacción de Fischer-Tropsch. Empresa: TOTAL (extensión del proyecto anterior)

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 4

Participating entity/entities: Universitat Rovira i Virgili

Funding entity or bodies:

Total Raffinage Distribution, S.A.

Type of entity: **Empreses

City funding entity: France

Start date: 2013

Duration: 2 years - 1 day

Total amount: 150.000 €

8 Name of the project: Catalysts for telomerization

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Sergio Castellón Miranda

Nº of researchers: 5

Participating entity/entities: Universitat Rovira i Virgili

Funding entity or bodies:

Type of entity: **Fundacions



Fundació privada Centre Tecnològic de la Química de Catalunya (CTQC)

City funding entity: 43007 Tarragona, Spain

IFF Benicarló, S.A.

Type of entity: **Empreses

City funding entity: 12580 Benicarló, Spain

Code according to the funding entity: TQC12006S

Start date: 2013

Duration: 2 years - 1 day

Total amount: 150.000 €

9 Name of the project: Catalysts for CO2 transformation

Entity where project took place: Fundació privada Centre Tecnològic de la Química de Catalunya (CTQC) **Type of entity:** **Fundacions

City of entity: 43007 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 6

Participating entity/entities: Fundació privada Centre Tecnològic de la Química de Catalunya (CTQC)

Funding entity or bodies:

Repsol I+D

Type of entity: **Altres organismes

City funding entity: Spain

Code according to the funding entity: TQC12021S

Start date: 01/07/2012

Duration: 2 years

Total amount: 109.770 €

10 Name of the project: Estudio de un catalizador inmovilizado para el proceso de exoxidación del propileno de REPSOL YPF

Entity where project took place: Fundació privada Centre Tecnològic de la Química de Catalunya (CTQC) **Type of entity:** **Fundacions

City of entity: 43007 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 4

Participating entity/entities: Fundació privada Centre Tecnològic de la Química de Catalunya (CTQC)

Funding entity or bodies:

Repsol YPF S.A

Type of entity: **Químiques

City funding entity: 28046 - Madrid, Spain

Start date: 2011

Duration: 1 year - 1 day

Total amount: 57.535,58 €

11 Name of the project: REDUCTION OF LACTONES AND CARBONYLATION OF ISOPULEGOL

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Claver y Sergio Castellón Miranda

Nº of researchers: 4

Participating entity/entities: Universitat Rovira i Virgili

Funding entity or bodies:

Fundació privada Centre Tecnològic de la Química de Catalunya (CTQC) **Type of entity:** **Fundacions



City funding entity: 43007 Tarragona, Spain

IFF Benicarló, S.A.

Type of entity: **Empreses

City funding entity: 12580 Benicarló, Spain

Code according to the funding entity: TQC10008S

Start date: 2010

Duration: 1 year - 1 day

Total amount: 90.000 €

- 12 Name of the project:** Estudio sobre catalizadores de la empresa REPSOL
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero
Nº of researchers: 4
Participating entity/entities: Universitat Rovira i Virgili
Funding entity or bodies:
Repsol YPF S.A **Type of entity:** **Químiques
City funding entity: 28046 - Madrid, Spain
Start date: 2009 **Duration:** 1 year - 1 day
Total amount: 61.118,46 €

- 13 Name of the project:** Estudio de catalizadores para la reacción de Fischer-Tropsch. Empresa: TOTAL
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero
Nº of researchers: 4
Participating entity/entities: Universitat Rovira i Virgili
Funding entity or bodies:
Total Raffinage Distribution, S.A. **Type of entity:** **Empreses
City funding entity: France
Start date: 2009 **Duration:** 3 years - 1 day
Total amount: 330.000 €

- 14 Name of the project:** Estudio del Mecanismo de la epoxidación de propileno en el proceso de REPSOL YPF
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero
Nº of researchers: 4
Participating entity/entities: Universitat Rovira i Virgili
Funding entity or bodies:
Repsol YPF S.A **Type of entity:** **Químiques
City funding entity: 28046 - Madrid, Spain
Start date: 2009 **Duration:** 1 year - 1 day
Total amount: 61.118,46 €



- 15** **Name of the project:** Estudio sobre catalizadores de la empresa REPSOL YPF
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats Virgili
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero
N° of researchers: 4
Participating entity/entities: Universitat Rovira i Virgili
Funding entity or bodies:
Repsol YPF S.A **Type of entity:** **Químiques
City funding entity: 28046 - Madrid, Spain
Code according to the funding entity: N08002S
Start date: 2008 **Duration:** 1 year - 1 day
Total amount: 57.989 €
- 16** **Name of the project:** SINTESIS DE ISOCIANATOS SIN FOSGENO.ESTUDIO DE CARBONILACION
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats Virgili
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero
N° of researchers: 1
Participating entity/entities: Universitat Rovira i Virgili
Funding entity or bodies:
Repsol YPF S.A **Type of entity:** **Químiques
City funding entity: 28046 - Madrid, Spain
Code according to the funding entity: N07002S
Start date: 01/07/2007 **Duration:** 1 year
Total amount: 31.000 €
- 17** **Name of the project:** SINTESIS DE ISOCIANATOS SIN FOSGENO. ESTUDIOS DE CARBONILACION.
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats Virgili
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero
N° of researchers: 1
Participating entity/entities: Universitat Rovira i Virgili
Funding entity or bodies:
Repsol YPF S.A **Type of entity:** **Químiques
City funding entity: 28046 - Madrid, Spain
Code according to the funding entity: N06002S
Start date: 01/08/2006 **Duration:** 11 months
Total amount: 58.750 €
- 18** **Name of the project:** CREACIO CENTRE D'INNOVACIO TECNOCATALISI - XARXA IT
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats Virgili
City of entity: 43005 Tarragona, Spain



Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 1

Participating entity/entities: Universitat Rovira i Virgili

Funding entity or bodies:

Centre d'Innovació i Desenvolupament Empresarial (CIDEM) **Type of entity:** **Comunitats Autònomes

City funding entity: Barcelona, Spain

Code according to the funding entity: N06001N

Start date: 01/01/2006

Duration: 3 years

Total amount: 115.100 €

19 Name of the project: SISTENSIS DE ISOCIANATOS SIN FOSGENO. ESTUDIOS DE CARBONILACION.

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 1

Participating entity/entities: Universitat Rovira i Virgili

Funding entity or bodies:

Repsol YPF S.A **Type of entity:** **Químiques

City funding entity: 28046 - Madrid, Spain

Code according to the funding entity: T05071S

Start date: 01/07/2005

Duration: 11 months - 29 days

Total amount: 54.555,18 €

20 Name of the project: SINTESIS DE ISOCIANATOS SIN FOSGENO. ESTUDIOS DE CARBONILACIÓN

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 1

Participating entity/entities: Universitat Rovira i Virgili

Funding entity or bodies:

Repsol YPF S.A **Type of entity:** **Químiques

City funding entity: 28046 - Madrid, Spain

Code according to the funding entity: T04051S

Start date: 01/05/2004

Duration: 1 year - 1 month - 29 days

Total amount: 48.706,21 €

21 Name of the project: CONTRATO DE COLABORACION CIENTIFICA ENTRE REPSOL YPF, S.A., LA FURV I LA URV

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI....): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 6

Participating entity/entities: Universitat Rovira i Virgili

**Funding entity or bodies:**

Repsol Petróleo, S.A.

Type of entity: **Energia**City funding entity:** 43140 La Pobla de Mafumet, Spain**Code according to the funding entity:** T03031S**Start date:** 01/05/2003**Duration:** 11 months - 29 days**Total amount:** 24.304,32 €**22 Name of the project:** Acord de col.laboració en la recerca científica**Degree of contribution:** Coordinator of total project, network or consortium**Entity where project took place:** Universitat Rovira i Virgili **Type of entity:** **Universitats**City of entity:** 43005 Tarragona, Spain**Name principal investigator (PI, Co-PI...):** Maria del Carmen Orosia Claver Cabrero**Nº of researchers:** 1**Participating entity/entities:** Fundació URV**Funding entity or bodies:**

Universitat Rovira i Virgili

Type of entity: **Universitats**City funding entity:** 43005 Tarragona, SpainLehrstuhl für Technische Chemie und Petrolchemie **Type of entity:** **Químiques
der RWTH Aachen**City funding entity:** Aachen, Germany**Code according to the funding entity:** 2002LEHRSTUHL/URV**Start date:** 31/07/2002**Duration:** 1 day**23 Name of the project:** CONTRATO DE COLABORACION CIENTIFICA ENTRE REPSOL YPF, S.A., LA
FURV I LA URV**Degree of contribution:** Coordinator of total project, network or consortium**Entity where project took place:** Universitat Rovira i Virgili **Type of entity:** **Universitats**City of entity:** 43005 Tarragona, Spain**Name principal investigator (PI, Co-PI...):** Maria del Carmen Orosia Claver Cabrero**Nº of researchers:** 2**Participating entity/entities:** Universitat Rovira i Virgili**Funding entity or bodies:**

Repsol Petróleo, S.A.

Type of entity: **Energia**City funding entity:** 43140 La Pobla de Mafumet, Spain**Code according to the funding entity:** T02058S**Start date:** 01/05/2002**Duration:** 11 months - 29 days**Total amount:** 46.805,62 €**24 Name of the project:** CONTRATO DE COLABORACION CIENTIFICA ENTRE REPSOL PETROLEO, S.A.
Y LA UNIVERSIDAD ROVIRA I VIRGILI**Degree of contribution:** Coordinator of total project, network or consortium**Entity where project took place:** Universitat Rovira i Virgili **Type of entity:** **Universitats**City of entity:** 43005 Tarragona, Spain**Name principal investigator (PI, Co-PI...):** Maria del Carmen Orosia Claver Cabrero**Nº of researchers:** 1**Participating entity/entities:** Universitat Rovira i Virgili**Funding entity or bodies:**



Repsol Petróleo, S.A.

Type of entity: **Energia

City funding entity: 43140 La Pobla de Mafumet, Spain

Code according to the funding entity: A01034S

Start date: 01/05/2001

Duration: 11 months - 29 days

Total amount: 85.326,13 €

25 Name of the project: SINTESIS DE ISOCIANATOS SIN FOSGENO. ESTUDIOS DE CARBONILACION.

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 1

Participating entity/entities: Universitat Rovira i Virgili

Funding entity or bodies:

Repsol Petróleo, S.A.

Type of entity: **Energia

City funding entity: 43140 La Pobla de Mafumet, Spain

Code according to the funding entity: A00027S

Start date: 16/03/2000

Duration: 1 year - 1 day

Total amount: 74.630,29 €

26 Name of the project: Síntesis de isocianatos sin fosgeno. Estudios de carbonilación

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero

Nº of researchers: 7

Participating entity/entities: Universitat Rovira i Virgili

Funding entity or bodies:

Repsol Petróleo, S.A.

Type of entity: **Energia

City funding entity: 43140 La Pobla de Mafumet, Spain

Code according to the funding entity: 9071 9109148 9950148

Start date: 16/03/1999

Duration: 1 year

Total amount: 67.673,96 €

27 Name of the project: Study to find a new catalytic system for the asymmetric hydrogenation of imines

Entity where project took place: Universitat Rovira i Virgili **Type of entity:** **Universitats

City of entity: 43005 Tarragona, Spain

Name principal investigator (PI, Co-PI...): Carmen Claver Cabrero

Nº of researchers: 4

Participating entity/entities: Universitat Rovira i Virgili

Funding entity or bodies:

Bayer, S.A.

Type of entity: **Altres organismes

City funding entity: Germany

Code according to the funding entity: 9109248

Start date: 1999

Duration: 2 years - 1 day

Total amount: 39.065,79 €



- 28 Name of the project:** Catalizadores para la síntesis de isocianatos
Entity where project took place: Universitat Rovira i Virgili
Type of entity: **Universitats
City of entity: 43005 Tarragona, Spain
Name principal investigator (PI, Co-PI...): Maria del Carmen Orosia Claver Cabrero
Nº of researchers: 5
Participating entity/entities: Universitat Rovira i Virgili
Funding entity or bodies:
Repsol Petróleo, S.A. **Type of entity:** **Energia
City funding entity: 43140 La Pobla de Mafumet, Spain
Code according to the funding entity: BY/A01
Start date: 13/03/1998 **Duration:** 1 year
Total amount: 18.157,72 €

Results

Industrial and intellectual property

- 1 Title registered industrial property:** Method for Selective Palladium Catalysis telomerization of substituted dienes
Type of industrial property: Intellectual Property (others)
Inventors/authors/obtainers: Sergio Castillon, Cyril Godard, Carmen Claver, Jordi Colavida, Ana M. Collado, Richard M. Boden, Benjamin
Entity holder of rights: 06785 - International Flavors and Fragrances
Country of inscription: United States of America
Date of register: 28/09/2017
Conferral date: 28/09/2017
Nº of patent: 15/ 450 491 (US) 2017
International non-EU patent: Yes
- 2 Title registered industrial property:** One pot catalytic process for the synthesis of isocyanates
Type of industrial property: Intellectual Property (others)
Inventors/authors/obtainers: Serrano-Fernández Francisco, Almena Beatriz, Padilla Ana, Orejón Arancha, Claver Carmen, Castellón Sergio, Salagre Pilar
Entity holder of rights: RYPF - Repsol YPF S.A
Nº of application: US 293696
Country of inscription: United States of America
Date of register: 2007
International non-EU patent: Yes
- 3 Title registered industrial property:** One-step catalytic process for the síntesis of isocyanates and installations for the same.
Type of industrial property: Intellectual Property (others)
Inventors/authors/obtainers: Serrano-Fernández Francisco, Almena Beatriz, Padilla Ana, Orejón Arancha, Claver Carmen, Castellón Sergio, Salagre Pilar
Entity holder of rights: RYPF - Repsol YPF S.A
Nº of application: 2006:06380
Country of inscription: United States of America
Date of register: 2006



International non-EU patent: Yes

- 4** **Title registered industrial property:** Isocyanate production procedure Repsol-YPF
Type of industrial property: Intellectual Property (others)
Inventors/authors/obtainers: S. Castellón, C. Claver, E. Fernández, P. Salagre, M. Serra, P. Uriz
Entity holder of rights: RYPF - Repsol YPF S.A
Nº of application: USA 663910
Country of inscription: United States of America
Date of register: 2003
International non-EU patent: Yes
- 5** **Title registered industrial property:** Preparation of chiral diphosphines and their transition metal complexes and their use in asymmetric synthesis
Type of industrial property: Intellectual Property (others)
Inventors/authors/obtainers: Meseguer, Benjamin; Militzer, Hans-Christian; Castellón, Sergio; Claver, Carmen; Díaz, Yolanda; Aghmiz, Mohamed; Guiu, Ester; Aghmiz, Ali; Masdeu-Bultó, Anna M.;
Entity holder of rights: BYSA - Bayer, S.A.
Nº of application: DE 1024125
Country of inscription: Germany
Date of register: 2002
EU patent: Yes
Operating aut.region/region: European Union institutions / Japan / United Kingdom / United States of America
- 6** **Title registered industrial property:** Chirale Monophosphorverbindungen und deren Übergangsmetallkomplexe. DE 10242351.
Type of industrial property: Intellectual Property (others)
Inventors/authors/obtainers: Meseguer Benjamín, Militzer Hans-Christian,Guiu Esther,Castillón Sergio, Claver Claver
Entity holder of rights: BYSA - Bayer, S.A.
Nº of application: DE10241351
Country of inscription: Germany
Date of register: 2002
EU patent: Yes
- 7** **Title registered industrial property:** Isocyanate production procedure EP-1160239-A2
Type of industrial property: Intellectual Property (others)
Inventors/authors/obtainers: Castellón, S.; Claver, C.; Fernández, E.; Salagre, P.; Serra, M.; Uriz, P.
Entity holder of rights: REPP - Repsol Petróleo, S.A.
Nº of application: EP-1160239
Country of inscription: Spain
Date of register: 2001
Spanish patent: Yes
- 8** **Title registered industrial property:** Procedimiento para la producción de isocianatos
Type of industrial property: Intellectual Property (others)
Inventors/authors/obtainers: Castellón, S.; Claver, C.; Fernández, E.; Salagre, P.; Serra, M.; Uriz, P.
Entity holder of rights: REPQ - Repsol Química, S.A.
Nº of application: P200001396
Country of inscription: Spain
Date of register: 2000



Spanish patent: Yes

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1** Dias, L.; Carrilho, R.; Henriques, C.; Calvete, M. J.; Masdeu, A.; Claver, C.; Rossi, L.; Pereira, M. Hybrid Metalloporphyrin Magnetic Nanoparticles as Catalysts for Sequential Transformation of Alkenes and CO₂ into Cyclic Carbonates. 914535 - Chemcatchem. 10, pp. 2803. (Germany): 2018. ISSN 1867-3880
Handle: <http://hdl.handle.net/20.500.11797/PC3337>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 8
- 2** Zahrtmann, N.; Claver, C.; Godard, C.; Riisager, A.; Garcia-Suarez, E. Selective Oxidative Carbonylation of Aniline to Diphenylurea with Ionic Liquids. 914535 - Chemcatchem. 10 - 11, (Germany): 2018. ISSN 1867-3880
Handle: <http://hdl.handle.net/20.500.11797/PC3341>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
- 3** Llop, J.; Szeto, K.C.; Barzkat, W.; Merle, N.; Godard, C.; Taoufik, M.; Claver, C. A new approach for the preparation of well-defined Rh and Pt nanoparticles stabilized by phosphine-functionalized silica for selective hydrogenation reactions. 909184 - Chemical Communications. 53, pp. 3261 - 3264. (United Kingdom): 2017. Available on-line at: <http://pubs.rsc.org/en/Content/ArticleLanding/2017/CC/C6CC10338C#!divAbstract>. ISSN 1359-7345
DOI: <https://doi.org/10.1039/c6cc10338c>
Type of production: Scientific paper **Format:** Journal
Position of signature: 7
Total no. authors: 7
- 4** Diaz, M.; Pérez-Rodríguez, S.; Gual, A.; Claver, C.; Godard, C. Facile synthesis of NHC-stabilized Ni nanoparticles and their catalytic application in the Z-selective hydrogenation of alkynes. 909184 - Chemical Communications. 53 - 56, pp. 7894 - 7897. (United Kingdom): 2017. Available on-line at: <http://pubs.rsc.org/en/Content/ArticleLanding/2017/CC/C7CC01779K#!divAbstract>. ISSN 1359-7345
DOI: <https://doi.org/10.1039/c7cc01779k>
Handle: <http://hdl.handle.net/20.500.11797/PC3111>
Type of production: Scientific paper **Format:** Journal
Position of signature: 4
Total no. authors: 5
- 5** Carrilho, R.M.B.; Dias, L.D.; Rivas, R.; Pereira, M.M.; Claver, M. Masdeu-Bultó, A. Solventless Coupling of Epoxides and CO₂ in Compressed Medium Catalysed by Fluorinated Metalloporphyrins. 918062 - Catalysts. 210 - 7, (Switzerland): 2017. Available on-line at: <http://www.mdpi.com/2073-4344/7/7/210>. ISSN 2073-4344
DOI: <https://doi.org/10.3390/catal7070210>
Type of production: Scientific paper **Format:** Journal
Position of signature: 5
Total no. authors: 6



- 6** Hernández, S.; Ottone, C.; Proto, S.; Tolod, K.; Díaz, M.; Solé-Daura, A.; Carbó, J.J.; Godard, C.; Castellón, S.; Russo, N.; Saraccob, G.; Claver, C. Core-substituted naphthalenediimides anchored on BiVO₄ for visible light-driven water splitting. 910375 - Green Chemistry. 19 - 10, pp. 2448 - 2462. (United Kingdom): 2017. Available on-line at: <<http://pubs.rsc.org/en/Content/ArticleLanding/2017/GC/C7GC00125H#!divAbstract>>. ISSN 1463-9262
DOI: <https://doi.org/10.1039/c7gc00125h>
Type of production: Scientific paper **Format:** Journal
Position of signature: 12
Total no. authors: 12
- 7** Viciano, M.; Muños, B.; Godard, C.; Castellón, S.; Reyes, M.; García-Ruiz, M.; Claver, C. Salicy-Naphthalene Cobalt Complexes as Catalysts for the Synthesis of High Molecular Weight Polycarbonates. 914535 - Chemcatchem. 9 - 20, pp. 3981. (Germany): 2017. ISSN 1867-3880
DOI: <https://doi.org/10.1002/cctc.201701250>
Handle: <http://hdl.handle.net/20.500.11797/PC3114>
Type of production: Scientific paper **Format:** Journal
Position of signature: 7
Total no. authors: 7
- 8** Martínez-Espinar, F.; Blondeau, P.; Pau, N.; Chaudret, B.; Claver, C.; Castellón, S.; Godard, C. NHC-stabilised Rh nanoparticles: Surface study and application in the catalytic hydrogenation of aromatic substrates. 900833 - Journal of Catalysis. 354, pp. 113 - 128. (United States of America): 2017. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0021951717302956>>. ISSN 0021-9517
DOI: <https://doi.org/10.1016/j.jcat.2017.08.010>
Type of production: Scientific paper **Format:** Journal
Position of signature: 5
Total no. authors: 7
- 9** Delgado, J.; Benkirane, O.; Claver, C.; Curulla-Ferré, D.; Godard, C. Advances in the preparation of highly selective nanocatalysts for the semi-hydrogenation of alkynes using colloidal approaches. 912705 - Dalton Transactions. 46 - 37, pp. 12381 - 12403. (United Kingdom): 2017. ISSN 1477-9226
DOI: <https://doi.org/10.1039/c7dt01607g>
Handle: <http://hdl.handle.net/20.500.11797/PC3115>
Type of production: Scientific paper **Format:** Journal
Position of signature: 3
Total no. authors: 5
- 10** Hernández, S.; Ottone, C.; Proto, S.; Tolod, K.; Díaz de los Bernardos, M.; Solé-Daura, A.; Carbó, J.; Godard, C.; Castellón, S.; Russo, N.; Saracco, G.; Claver, C. Core-substituted naphthalenediimides anchored on BiVO₄ for visible light-driven water splitting. 910375 - Green Chemistry. 19, pp. 2448. (United Kingdom): 2017. ISSN 1463-9262
Handle: <http://hdl.handle.net/20.500.11797/PC3116>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 12
- 11** Martínez-Espinar, F.; Blondeau, P.; Nolis, P.; Chaudret, B.; Claver, C.; Castellón, S.; Godard, C. NHC-stabilised Rh nanoparticles: Surface study and application in the catalytic hydrogenation of aromatic substrates. 900833 - Journal of Catalysis. 354, pp. 113 - 127. (United States of America): 2017. ISSN 0021-9517
DOI: <http://dx.doi.org/10.3390/nano7030058>
Handle: <http://hdl.handle.net/20.500.11797/PC3117>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 7



- 12** Delgado, J.; Claver, C.; Castellón, S.; Curulla-Ferré, D.; Godard, C. Effect of the polymeric stabilizer in the Aqueous phase Fischer-Tropsch synthesis catalyzed by colloidal cobalt nanocatalysts. 918068 - Nanomaterials. 7 - 58, (Switzerland): 2017. ISSN 2079-4991
Handle: <http://hdl.handle.net/20.500.11797/PC3118>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
- 13** Mercadé, E.; Zangrando, E.; Claver, C.; Godard, C. Robust zinc complexes containing pyrrolidine based ligands as recyclable catalysts for the synthesis of cyclic carbonates from CO₂ and epoxides. 914535 - Chemcatchem. 8 - 1, pp. 234 - 243. (Germany): 2016. Available on-line at: <<http://onlinelibrary.wiley.com/doi/10.1002/cctc.201500772/abstract>>. ISSN 1867-3880
DOI: <https://doi.org/10.1002/cctc.201500772>
Handle: <http://hdl.handle.net/20.500.11797/PC3112>
Type of production: Scientific paper **Format:** Journal
Position of signature: 3
Total no. authors: 4
Impact source: ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 4.803 **Journal in the top 25%:** Yes
Position of publication: 29 **No. of journals in the cat.:** 146
- 14** Delgado, J.A.; Claver, C.; Castillon, S.; Curulla-Ferré, D.; V. Ordonsky, V.; Godard, C. Fisher-Tropsch synthesis catalysed by small TiO₂ supported cobalt nanoparticles prepared by sodium borohydride reduction. 908406 - Applied Catalysis A-General. 513, pp. 39 - 46. (Holland): 2016. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0926860X15302933>>. ISSN 0926-860X
DOI: <https://doi.org/10.1016/j.apcata.2015.12.019>
Type of production: Scientific paper **Format:** Journal
Position of signature: 2
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 4.339 **Journal in the top 25%:** Yes
Position of publication: 34 **No. of journals in the cat.:** 146
Impact source: ISI **Category:** ENVIRONMENTAL SCIENCES
Impact index in year of publication: 4.339 **Journal in the top 25%:** Yes
Position of publication: 30 **No. of journals in the cat.:** 229
- 15** Martínez-Ferrate, O.; Lopez-Valbuena, J.M.; Martinez, M.; J.P. White, A.; Benet-Buchholz, J.; J.P. Britovsek, G.; Claver, C.; van Leeuwen, P. Novel iminopyridine derivatives: ligands for preparation of Fe (II) and Cu (II) dinuclear complexes. 912705 - Dalton Transactions. 45, pp. 3564 - 3576. (United Kingdom): 2016. Available on-line at: <<http://pubs.rsc.org/en/Content/ArticleLanding/2016/DT/C5DT04358A#divAbstract>>. ISSN 1477-9226
DOI: <https://doi.org/10.1039/C5DT04358A>
Type of production: Scientific paper **Format:** Journal
Position of signature: 7
Total no. authors: 8
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 4.029 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 46



- 16** Delgado, J.A.; Claver, C.; Castillon, S.; Curulla-Ferre, D.; V. Ordonsky, V.; Godard, C. Effect of polymeric stabilizers on Fischer-Tropsch synthesis catalyzed by cobalt nanoparticles supported on TiO₂. 908997 - Journal of Molecular Catalysis A-Chemical. 417, pp. 43 - 52. (Holland): 2016. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S1381116916300632>>. ISSN 1381-1169
DOI: <https://doi.org/10.1016/j.molcata.2016.02.029>
Handle: <http://Alf0.urv.cat:8080/share/page/document-details?nodeRef=workspace://SpacesStore/a5e5449a-eea0-4b4e-8bbc-2241d5f0792a>
Type of production: Scientific paper **Format:** Journal
Position of signature: 2
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 4.211 **Journal in the top 25%:** Yes
Position of publication: 36 **No. of journals in the cat.:** 146
- 17** Chartoire, A.; Claver, C.; Corpet, M.; Krinsky, J.; Mayen, J.; Nelson, D.; Nolan, S.P.; Peñafiel, I.; Woodward, R.; Meadows, R. Recyclable NHC Catalyst for the Development of a Generalized Approach to Continuous Buchwald-Hartwig Reaction and Workup. 909660 - Organic Process Research & Development. 20 - 2, pp. 551 - 557. (United States of America): 2016. Available on-line at: <<http://pubs.acs.org/doi/abs/10.1021/acs.oprd.5b00349>>. ISSN 1083-6160
DOI: <https://doi.org/10.1021/acs.oprd.5b00349>
Type of production: Scientific paper **Format:** Journal
Position of signature: 2
Total no. authors: 10
Impact source: ISI **Category:** CHEMISTRY, APPLIED
Impact index in year of publication: 2.857 **Journal in the top 25%:** Yes
Position of publication: 16 **No. of journals in the cat.:** 72
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.857 **Journal in the top 25%:** No
Position of publication: 18 **No. of journals in the cat.:** 59
- 18** Montiel, L.; Delgado, J.A.; Novell, M.; Andrade, F.J.; Claver, C.; Blondeu, P.; Godard, C. A simple and versatile approach for the fabrication of paper-based nanocatalysts: low cost, easy handling and catalyst recovery. 914535 - Chemcatchem. 8 - 19, pp. 3041 - 3044. (Germany): 2016. Available on-line at: <<http://onlinelibrary.wiley.com/doi/10.1002/cctc.201600666/abstract>>. ISSN 1867-3880
DOI: <https://doi.org/10.1002/cctc.201600666>
Handle: <http://hdl.handle.net/20.500.11797/PC3113>
Type of production: Scientific paper **Format:** Journal
Position of signature: 5
Total no. authors: 7
Impact source: ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 4.803 **Journal in the top 25%:** Yes
Position of publication: 29 **No. of journals in the cat.:** 146
- 19** Delgado, J.; Claver, C.; Castillón, S.; Curulla-Ferré, D.; Ordonsky, V.; Godard, C. Effect of the polymeric stabilizer in the Aqueous phase Fischer-Tropsch synthesis catalyzed by colloidal cobalt nanocatalysts. 918068 - Nanomaterials. 417, pp. 43 - 52. (Switzerland): 2016. ISSN 2079-4991
Handle: <http://hdl.handle.net/20.500.11797/PC3210>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI



Impact index in year of publication: 3,553
Position of publication: 59

Impact source: ISI
Impact index in year of publication: 3,553
Position of publication: 34

Category: MATERIALS SCIENCE,
MULTIDISCIPLINARY

Journal in the top 25%: Yes
No. of journals in the cat.: 275

Category: NANOSCIENCE & NANOTECHNOLOGY

Journal in the top 25%: No
No. of journals in the cat.: 87

- 20** Martinez, A.; Krinsky, J.; Peñafiel, I.; Castillon, S.; Loponov, K.; Lapkin, A.; Godard, C.; Claver, C. Heterogenization of Pd-NHC complexes onto a silica support and their application in Suzuki-Miyaura coupling under batch and continuous flow conditions. 917075 - Catalysis Science & Technology. 5 - 1, pp. 310 - 319. (United Kingdom): 2015. Available on-line at: <<http://pubs.rsc.org/en/content/articlelanding/2014/cy/c4cy00829d#divAbstract>>. ISSN 2044-4753

DOI: <https://doi.org/10.1039/c4cy00829d>

Type of production: Scientific paper

Position of signature: 8

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 5.287

Position of publication: 28

Format: Journal

Category: CHEMISTRY, PHYSICAL

Journal in the top 25%: Yes
No. of journals in the cat.: 144

- 21** Delgado, J. A.; Claver, C.; Castillon, S.; Curulla-Ferré, D.; Godard, C. Correlation between Hydrocarbon Product Distribution and Solvent Composition in the Fischer-Tropsch Synthesis Catalyzed by Colloidal Cobalt Nanoparticles. 917096 - Acs Catalysis. 5 - 8, pp. 4568 - 4578. (United States of America): 2015. Available on-line at: <<http://pubs.acs.org/doi/abs/10.1021/cs5020332>>. ISSN 2155-5435

DOI: <https://doi.org/10.1021/cs5020332>

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 9.307

Position of publication: 11

Format: Journal

Category: CHEMISTRY, PHYSICAL

Journal in the top 25%: Yes
No. of journals in the cat.: 144

- 22** Delgado, J.A.; Castillon, S.; Curulla-Ferré, D.; Claver, C.; Godard, C. Effect of pH on catalyst activity and selectivity in the aqueous Fischer-Tropsch synthesis catalyzed by cobalt nanoparticles. 912885 - Catalysis Communications. 71, pp. 88 - 92. (United States of America): 2015. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S1566736715300376>>. ISSN 1566-7367

DOI: <https://doi.org/10.1016/j.catcom.2015.08.003>

Handle: <http://Alf0.urv.cat:8080/share/page/document-details?nodeRef=workspace://SpacesStore/e65569f2-9f43-4fd1-99b4-59df93066a14>

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 3.389

Position of publication: 44

Format: Journal

Category: CHEMISTRY, PHYSICAL

Journal in the top 25%: No
No. of journals in the cat.: 144

- 23** Moreno-Morradan, C.; Liguori, F.; Mercade, E.; Godard, C.; Claver, C.; Barbaro, P.A mild route to solid-supported rhodium nanoparticle catalysts and their application to the selective hydrogenation reaction of substituted arenes. 917075 - Catalysis Science & Technology. 5 - 7, pp. 3762 - 3772. (United Kingdom): 2015. Available on-line at: <<http://pubs.rsc.org/en/Content/ArticleLanding/2015/CY/C5CY00599J#divAbstract>>. ISSN 2044-4753
DOI: <https://doi.org/10.1039/c5cy00599j>
Type of production: Scientific paper **Format:** Journal
Position of signature: 5
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 5.287 **Journal in the top 25%:** Yes
Position of publication: 28 **No. of journals in the cat.:** 144
- 24** Bresó-Femenia, E.; Godard, C.; Claver, C.; Chaudret, B.; Castillon, S. Selective catalytic deuteration of phosphorus ligands using ruthenium nanoparticles: a new approach to gain information on ligand coordination. 909184 - Chemical Communications. 51, pp. 16342 - 16345. (United Kingdom): 2015. Available on-line at: <<http://pubs.rsc.org/en/Content/ArticleLanding/2015/CC/C5CC06984J#divAbstract>>. ISSN 1359-7345
DOI: <https://doi.org/10.1039/c5cc06984j>
Type of production: Scientific paper **Format:** Journal
Position of signature: 3
Total no. authors: 5
Impact source: ISI **Category:** CHEMISTRY, MULTIDISCIPLINARY
Impact index in year of publication: 6.567 **Journal in the top 25%:** Yes
Position of publication: 21 **No. of journals in the cat.:** 163
- 25** Szeto, K.C.; Sahyoun, W.; Merle, N.; Llop, J.; Popoff, N.; Lefebvre, F.; Raynaud, J.; Godard, C.; Claver, C.; Delevoye, L.; Gauvin, R.M.; Taoufik, M. Development of silica-supported frustrated Lewis pairs: highly active transition metal-free catalysts for the Z-selective reduction of alkynes. 917075 - Catalysis Science & Technology. 6, pp. 882 - 889. (United Kingdom): 2015. Available on-line at: <<http://pubs.rsc.org/en/Content/ArticleLanding/2016/CY/C5CY01372K#divAbstract>>. ISSN 2044-4753
DOI: <https://doi.org/10.1039/c5cy01372k>
Type of production: Scientific paper **Format:** Journal
Position of signature: 9
Total no. authors: 12
Impact source: ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 5.287 **Journal in the top 25%:** Yes
Position of publication: 28 **No. of journals in the cat.:** 144
- 26** Martínez-Ferraté, O.; Britovsek, G.J.P.; Claver, C.; van Leeuwen, P.W.N.M. C-H benzylic oxidation promoted by dinuclear iron DBDOC iminopyridine complexes. 900754 - Inorganica Chimica Acta. 431, pp. 156 - 160. (Switzerland): 2015. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0020169314007567>>. ISSN 0020-1693
DOI: <https://doi.org/10.1016/j.ica.2014.12.016>
Type of production: Scientific paper **Format:** Journal
Position of signature: 3
Total no. authors: 4
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 1.918 **Journal in the top 25%:** No
Position of publication: 22 **No. of journals in the cat.:** 46



- 27** Llop, J.; Blondeau, P.; Claver, C.; Godard, C. Surface characterisation of phosphine and phosphite stabilised Rh nanoparticles: a model study. 917082 - Rsc Advances. 117, pp. 97036 - 97043. (United Kingdom): 2015. Available on-line at: <<http://pubs.rsc.org/en/Content/ArticleLanding/2015/RA/C5RA21835G#!divAbstract>>. ISSN 2046-2069
DOI: <https://doi.org/10.1039/c5ra21835g>
Handle: <http://hdl.handle.net/20.500.11797/PC2653>
Type of production: Scientific paper **Format:** Journal
Position of signature: 3
Total no. authors: 4
Impact source: ISI **Category:** CHEMISTRY, MULTIDISCIPLINARY
Impact index in year of publication: 3.289 **Journal in the top 25%:** No
Position of publication: 49 **No. of journals in the cat.:** 163
- 28** Krinsky, J.; Martinez, A.; Godard, C.; Castillon, S.; Claver, C. Modular Synthesis of Functionalisable Alkoxy-Tethered N-Heterocyclic Carbene Ligands and an Active Catalyst for Buchwald-Hartwig Aminations. 910791 - Advanced Synthesis & Catalysis. 356 - 2-3, pp. 460 - 474. (Germany): 2014. Available on-line at: <<http://onlinelibrary.wiley.com/doi/10.1002/adsc.201300903/abstract>>. ISSN 1615-4150
DOI: <https://doi.org/10.1002/adsc.201300903>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
Impact source: ISI **Category:** CHEMISTRY, APPLIED
Impact index in year of publication: 5.663 **Journal in the top 25%:** Yes
Position of publication: 2 **No. of journals in the cat.:** 72
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 5.663 **Journal in the top 25%:** Yes
Position of publication: 6 **No. of journals in the cat.:** 58
- 29** Llop, J.; Bresó-Femenia, E.; Blondeau, P.; Chaudret, B.; Castillon, S.; Claver, C.; Godard, C. Tuning the Selectivity in the Hydrogenation of Aromatic Ketones Catalyzed by Similar Ruthenium and Rhodium Nanoparticles. 914535 - Chemcatchem. 6 - 11, pp. 3160 - 3168. (Germany): 2014. Available on-line at: <<http://onlinelibrary.wiley.com/doi/10.1002/cctc.201402524/abstract>>. ISSN 1867-3880
DOI: <https://doi.org/10.1002/cctc.201402524>
Type of production: Scientific paper **Format:** Journal
Position of signature: 6
Total no. authors: 7
Impact source: ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 4.556 **Journal in the top 25%:** Yes
Position of publication: 31 **No. of journals in the cat.:** 139
- 30** Fernández-Alvarez, V. M.; de la Fuente, V.; Godard, C.; Castillón, S.; Claver, C.; Maseras, F.; Carbó, J. J. Pd-Catalysed Mono- and Dicarboxylation of Aryl Iodides: Insights into the Mechanism and the Selectivity. 908895 - Chemistry-A European Journal. 20 - 35, pp. 10982 - 10989. (Germany): 2014. Available on-line at: <<http://onlinelibrary.wiley.com/doi/10.1002/chem.201403022/abstract>>. ISSN 0947-6539
DOI: <https://doi.org/10.1002/chem.201403022>
Type of production: Scientific paper **Format:** Journal
Position of signature: 5
Total no. authors: 7
Impact source: ISI **Category:** CHEMISTRY, MULTIDISCIPLINARY
Impact index in year of publication: 5.731 **Journal in the top 25%:** Yes
Position of publication: 22 **No. of journals in the cat.:** 157



- 31** Perandones, B.F.; del Río Nieto, E.; Godard, C.; Castellón, S.; De Frutos, P.; Claver, C. Fe-catalysed olefin epoxidation with tridentate non-heme ligands and hydrogen peroxide as the oxidant. 914535 - Chemcatchem. 5 - 5, pp. 1092 - 1095. (Germany): 2013. Available on-line at: <<http://ejournals.ebsco.com/Article.asp?ContributionID=30186577>>. ISSN 1867-3880
DOI: <https://doi.org/10.1002/cctc.201200764>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 5.044 **Journal in the top 25%:** Yes
Position of publication: 26 **No. of journals in the cat.:** 136
- 32** Castillo, A.B.; Perandones, B.F.; Zangrando, E.; Gladiali, S.; Godard, C.; Claver, C. Pd-catalysed asymmetric Suzuki-Miyaura reactions using chiral mono- and bidentate phosphorus ligands. 900790 - Journal of Organometallic Chemistry. 743, pp. 31 - 36. (Switzerland): 2013. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0022328X13004701>>. ISSN 0022-328X
DOI: <https://doi.org/10.1016/j.jorganchem.2013.06.022>
Type of production: Scientific paper **Format:** Journal
Position of signature: 6
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.302 **Journal in the top 25%:** No
Position of publication: 13 **No. of journals in the cat.:** 44
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.302 **Journal in the top 25%:** No
Position of publication: 26 **No. of journals in the cat.:** 58
- 33** Aitor Gual; Jorge A. Delgado; Cyril Godard; Sergio Castellón; Daniel Curulla-Ferré; Carmen Claver. Novel Polymer Stabilized Water Soluble Ru-Nanoparticles as Aqueous Colloidal Fischer-Tropsch Catalysts. 909717 - Topics in Catalysis. 56 - 13-14, pp. 1208 - 1219. (United States of America): 2013. Available on-line at: <<http://link.springer.com/article/10.1007%2Fs11244-013-0087-1>>. ISSN 1022-5528
DOI: <https://doi.org/10.1007/s11244-013-0087-1>
Type of production: Scientific paper **Format:** Journal
Position of signature: 6
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, APPLIED
Impact index in year of publication: 2.22 **Journal in the top 25%:** No
Position of publication: 20 **No. of journals in the cat.:** 71
Impact source: ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 2.22 **Journal in the top 25%:** No
Position of publication: 65 **No. of journals in the cat.:** 136
- 34** Llop, J.; Gual, A.; Mercadé, E.; Claver, C.; Godard, C. Ligand effect in the Rh-NP catalysed partial hydrogenation of substituted arenes. 917075 - Catalysis Science & Technology. 3 - 10, pp. 2828 - 2833. (United Kingdom): 2013. Available on-line at: <<http://pubs.rsc.org/en/content/articlelanding/2013/cy/c3cy00388d#!divAbstract>>. ISSN 2044-4753
DOI: <https://doi.org/10.1039/c3cy00388d>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5

**Impact source:** ISI**Impact index in year of publication:** 4.76**Position of publication:** 30**Category:** CHEMISTRY, PHYSICAL**Journal in the top 25%:** Yes**No. of journals in the cat.:** 136

- 35** de la Fuente, V.; Godard, C.; Zangrando, E.; Claver, C.; Castellón, S. A phosphine-free Pd catalyst for the selective double carbonylation of aryl iodides. 909184 - Chemical Communications. 48, pp. 1695 - 1697. (United Kingdom): 2012. Available on-line at: <<http://pubs.rsc.org/en/content/articlepdf/2012/cc/c2cc17124d>>. ISSN 1359-7345

Type of production: Scientific paper**Format:** Journal**Total no. authors:** 5**Impact source:** ISI**Category:** CHEMISTRY, MULTIDISCIPLINARY**Impact index in year of publication:** 6.378**Journal in the top 25%:** Yes**Position of publication:** 19**No. of journals in the cat.:** 152

- 36** de la Fuente, V.; Godard, C.; Claver, C.; Castillon, S. Highly selective palladium-catalysed aminocarbonylation of aryl iodides using a bulky diphosphine ligand. 910791 - Advanced Synthesis & Catalysis. 354 - 10, pp. 1971 - 1979. (Germany): 2012. Available on-line at: <<http://onlinelibrary.wiley.com/doi/10.1002/adsc.201200114/abstract>>. ISSN 1615-4150

DOI: <https://doi.org/10.1002/adsc.201200114>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 4**Impact source:** ISI**Category:** CHEMISTRY, APPLIED**Impact index in year of publication:** 5.535**Journal in the top 25%:** Yes**Position of publication:** 2**No. of journals in the cat.:** 71**Impact source:** ISI**Category:** CHEMISTRY, ORGANIC**Impact index in year of publication:** 5.535**Journal in the top 25%:** Yes**Position of publication:** 7**No. of journals in the cat.:** 57

- 37** de La Fuente, V.; Fleury-Brégeot, N.; Castellón, S.; Claver, C. Recycling of allylic alkylation Pd catalysts containing phosphine-imidazoline ligands in ionic liquids. 910375 - Green Chemistry. 14 - 10, pp. 2715 - 2718. (United Kingdom): 2012. Available on-line at: <<http://pubs.rsc.org/en/Content/ArticleLanding/2012/GC/c2gc35732a>>. ISSN 1463-9262

DOI: <https://doi.org/10.1039/c2gc35732a>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 4**Impact source:** ISI**Category:** CHEMISTRY, MULTIDISCIPLINARY**Impact index in year of publication:** 6.828**Journal in the top 25%:** Yes**Position of publication:** 18**No. of journals in the cat.:** 152

- 38** Crozet, D.; Gual, A.; McKay, D.; Dinioi, C.; Godard, C.; Urrutigoity, M.; Daran, J.C.; Maron, L.; Claver, C.; Kalck, P. Interplay between cationic and neutral species in the rhodium-catalyzed hydroaminomethylation reaction. 908895 - Chemistry-A European Journal. 18 - 23, pp. 7128 - 7140. (Germany): 2012. Available on-line at: <<http://jsessionid=1015EB90D6026B9B7D24BC88446C2391.d02t03>>. ISSN 0947-6539

DOI: <https://doi.org/10.1002/chem.201103474>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 10**Impact source:** ISI**Category:** CHEMISTRY, MULTIDISCIPLINARY**Impact index in year of publication:** 5.831**Journal in the top 25%:** Yes**Position of publication:** 21**No. of journals in the cat.:** 152



- 39** Crozet, D.; McKay, D.; Bijani, C.; Gual, A.; Godard, C.; Claver, C.; Maron, L.; Urrutigoñy, M.; Kalck, P. Interception of a Rh (I)-Rh (III) dinuclear trihydride complex revealing the dihydrogen activation by [Rh(CO)₂{(R,R)-Ph-BPE}]₂. 912705 - Dalton Transactions. 41 - 12, pp. 3369 - 3373. (United Kingdom): 2012. Available on-line at: <<http://pubs.rsc.org/en/Content/ArticleLanding/2012/DT/c2dt12400a>>. ISSN 1477-9226
DOI: <https://doi.org/10.1039/c2dt12400a>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 9
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 3.806 **Journal in the top 25%:** Yes
Position of publication: 8 **No. of journals in the cat.:** 44
- 40** Blanco, C.; Godard, C.; Zangrando, E.; Ruiz, A.; Claver, C. Room Temperature Asymmetric Pd-Catalyzed Methoxycarbonylation of Norbornene. Highly Selective Catalysis and HP-NMR Studies. 912705 - Dalton Transactions. 41 - 23, pp. 6980 - 6991. (United Kingdom): 2012. Available on-line at: <<http://pubs.rsc.org/en/Content/ArticleLanding/2012/DT/c2dt30267e>>. ISSN 1477-9226
DOI: <https://doi.org/10.1039/C2DT30267E>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 3.806 **Journal in the top 25%:** Yes
Position of publication: 8 **No. of journals in the cat.:** 44
- 41** Ruiz, D.; Oportus, M.; Godard, C.; Claver, C.; Fierro, J.L.G.; Reyes, P. Novel metal nanoparticles stabilized with (2R,4R)-2,4-bis(diphenylphosphino) pentane on SiO₂. their use as catalysts in enantioselective hydrogenation reactions. 909467 - Current Organic Chemistry. 16 - 23, pp. 2754 - 2762. (Holland): 2012. Available on-line at: <<http://www.ingentaconnect.com/content/ben/coc/2012/00000016/00000023/art00003?token=00521ca2f04799eed847573d257025702c234a2f2a317b4d3147667c4e7547543c>>. ISSN 1385-2728
DOI: <https://doi.org/10.2174/138527212804546804>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 3.039 **Journal in the top 25%:** No
Position of publication: 15 **No. of journals in the cat.:** 57
- 42** Gual, A.; Castellón, S.; Pàmies, O.; Diéguez, M.; Claver, C. C1-Symmetric carbohydrate diphosphite ligands for asymmetric Pd-allylic alkylation reactions. Study of the key Pd-allyl intermediates. 912705 - Dalton Transactions. 40 - 12, pp. 2852 - 2860. (United Kingdom): 2011. Available on-line at: <<http://pubs.rsc.org/en/Content/ArticleLanding/2011/DT/c0dt01067g>>. ISSN 1477-9226
Type of production: Scientific paper **Format:** Journal
Position of signature: 5
Total no. authors: 5
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 3.84 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 44
- 43** Favier, Isabelle; Castillo, Angelica Balanta; Godard, Cyril; Castellón, Sergio; Claver, Carmen; Gómez, Montserrat; Teuma, Emmanuelle. Efficient recycling of a chiral palladium catalytic system for asymmetric allylic substitutions in ionic liquid. 909184 - Chemical Communications. 47 - 27, pp. 7869 - 7871. (United Kingdom): 2011. Available on-line at: <<http://pubs.rsc.org/en/Content/ArticleLanding/2011/CC/c1cc12157j>>. ISSN 1359-7345



DOI: <https://doi.org/10.1039/c1cc12157j>

Type of production: Scientific paper

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 6.17

Position of publication: 19

Format: Journal

Category: CHEMISTRY, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 151

- 44** Jacquet, Olivier; Clement, Nicolas D.; Freixa, Zoraida; Ruiz, Aurora; Claver, Carmen; van Leewen, Piet W. N. M. SPANamine derivatives in the catalytic asymmetric alpha-fluorination of beta-keto esters. 900808 - Tetrahedron Asymmetry. 22 - 14-15, pp. 1490 - 1498. (United Kingdom): Elsevier Ltd, 2011. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0957416611004903>>. ISSN 0957-4166

Type of production: Scientific paper

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 2.65

Position of publication: 14

Format: Journal

Category: CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: No

No. of journals in the cat.: 44

Impact source: ISI

Impact index in year of publication: 2.65

Position of publication: 20

Category: CHEMISTRY, ORGANIC

Journal in the top 25%: No

No. of journals in the cat.: 56

Impact source: ISI

Impact index in year of publication: 2.65

Position of publication: 49

Category: CHEMISTRY, PHYSICAL

Journal in the top 25%: No

No. of journals in the cat.: 129

- 45** Castillo, M. Rosa; Castillon, Sergio; Claver, Carmen; Fraile, Jose M.; Gual, Aitor; Martin, Marta; Mayoral, Jose A.; Sola, Eduardo. Tridentate chiral NPN ligands based on bis(oxazolines) and their use in Pd-catalyzed enantioselective allylic substitution in molecular and ionic liquids. 900806 - Tetrahedron. 67 - 30, pp. 5402 - 5408. (United Kingdom): 2011. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0040402011007538>>. ISSN 0040-4020

Type of production: Scientific paper

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 3.03

Position of publication: 16

Format: Journal

Category: CHEMISTRY, ORGANIC

Journal in the top 25%: No

No. of journals in the cat.: 56

- 46** de la Fuente, V.; Marcos, R.; Cambeiro, X. C.; Castillón, S.; Claver, C.; Pericàs, M. A. Changing the Palladium Coordination to Phosphinoimidazolines with a Remote Triazole Substituent. 910791 - Advanced Synthesis & Catalysis. 353 - 18, pp. 3255 - 3261. (Germany): 2011. ISSN 1615-4150

DOI: <https://doi.org/10.1002/adsc.201100684>

Type of production: Scientific paper

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 6.05

Position of publication: 2

Format: Journal

Category: CHEMISTRY, APPLIED

Journal in the top 25%: Yes

No. of journals in the cat.: 70

Impact source: ISI

Impact index in year of publication: 6.05

Position of publication: 5

Category: CHEMISTRY, ORGANIC

Journal in the top 25%: Yes

No. of journals in the cat.: 56



- 47** Gual, A.; Godard, C.; Castillon, S.; Claver, C. Highly efficient Rh-catalyst for the hydroformylation of vinyl- and allylethers using C1-symmetry diphosphite ligands. 910791 - Advanced Synthesis & Catalysis. 352, pp. 463 - 477. (Germany): 2010. Available on-line at: <<http://jsessionid=1E0D85A879A8F139D5EBBCC1BA1EA56F.d01t02>>. ISSN 1615-4150
DOI: <https://doi.org/10.1002/adsc.200900608>
Type of production: Scientific paper
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 5.25
Position of publication: 1
Impact source: ISI
Impact index in year of publication: 5.25
Position of publication: 5
Format: Journal
Category: CHEMISTRY, APPLIED
Journal in the top 25%: Yes
No. of journals in the cat.: 69
Category: CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 56
- 48** Verónica de la Fuente; Mark Waugh; Graham R. Eastham; Jonathan A. Iggo; Sergio Castillon; Carmen Claver. Phosphine Ligands in the Palladium Catalysed Methoxycarbonylation of Ethene: Insights into the catalytic cycle through HP-NMR Spectroscopic study. 908895 - Chemistry-A European Journal. 16 - 23, pp. 6919 - 6932. (Germany): 2010. ISSN 0947-6539
Type of production: Scientific paper
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 5.476
Position of publication: 18
Format: Journal
Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 145
- 49** Fernández, F.; Gual, A.; Claver, C.; Castillón, S.; Muller, G.; Gómez, M. Norbornene Bidentate Ligands: Coordination Chemistry and Enantioselective Catalytic Applications. 910604 - European Journal of Inorganic Chemistry. 5, pp. 758 - 766. (Germany): 2010. ISSN 1434-1948
Type of production: Scientific paper
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 2.941
Position of publication: 11
Format: Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 43
- 50** Claudia Urbina; Cristian Campos; Gina Pecchi; Carmen Claver; Patricio Reyes. Chiral Pt/ZrO₂ catalysts. Enantioselective hydrogenation of 1-phenyl-1,2-propanedione. 910462 - Molecules. 15, pp. 3428 - 3440. (Switzerland): 2010. ISSN 1420-3049
Type of production: Scientific paper
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 1.988
Position of publication: 27
Format: Journal
Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 56
- 51** Gual, A.; Godard, C.; Philippot, K.; Chaudret, B.; Denicourt-Nowicki, A.; Roucoux, A.; Castillón, S.; Claver, C. Carbohydrate-Derived 1,3-Diphosphite Ligands as Chiral Nanoparticle Stabilizers: Promising Catalytic Systems for Asymmetric Hydrogenation. 914537 - Chemsuschem. 2 - 8, pp. 769 - 779. (Germany): 2009. ISSN 1864-5631
Type of production: Scientific paper
Total no. authors: 8
Impact source: ISI
Impact index in year of publication: 4,767
Format: Journal
Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes

**Position of publication:** 18**No. of journals in the cat.:** 140

- 52** Blanco, C.; Ruiz, A.; Godard, C.; Fleury-Brégeot, N.; Marinetti, A.; Claver, C. Unprecedented Chemo- and Stereoselective Palladium-Catalysed Methoxycarbonylation of Norbornene. 910791 - Advanced Synthesis & Catalysis. 351 - 11-12, pp. 1813 - 1816. (Germany): 2009. ISSN 1615-4150
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, APPLIED
Impact index in year of publication: 5.187 **Journal in the top 25%:** Yes
Position of publication: 1 **No. of journals in the cat.:** 64
- Impact source:** ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 5.187 **Journal in the top 25%:** Yes
Position of publication: 5 **No. of journals in the cat.:** 57
- 53** Sanhes, D.; Gual, A.; Castillon, S.; Claver, C.; Gomez, M.; Teuma, E. New chiral diphosphites derived from substituted 9,10-dihydroanthracene. Applications in asymmetric catalytic processes. 900808 - Tetrahedron Asymmetry. 20 - 9, pp. 1009 - 1014. (United Kingdom): Elsevier Ltd, 2009. Available on-line at: <http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6THT-4W7MBMC-1-K&_cdi=5291&_user=1517337&_pii=S0957416609002328&_origin=browse&_zone=rslt_lis>. ISSN 0957-4166
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.625 **Journal in the top 25%:** No
Position of publication: 13 **No. of journals in the cat.:** 44
- Impact source:** ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.625 **Journal in the top 25%:** No
Position of publication: 23 **No. of journals in the cat.:** 57
- Impact source:** ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 2.625 **Journal in the top 25%:** No
Position of publication: 43 **No. of journals in the cat.:** 121
- 54** Gual, A.; Godard, C.; Claver, C.; Castillon, S. C1-Symmetric Diphosphite Ligands Derived from Carbohydrates: Influence of Structural Modifications on the Rhodium-Catalyzed Asymmetric Hydroformylation of Styrene. 910608 - European Journal of Organic Chemistry. 8, pp. 1191 - 1201. (Germany): 2009. Available on-line at: <<http://onlinelibrary.wiley.com/doi/10.1002/ejoc.200801093/abstract>>. ISSN 1434-193X
DOI: <https://doi.org/10.1002/ejoc.200801093>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 4
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 3.096 **Journal in the top 25%:** No
Position of publication: 15 **No. of journals in the cat.:** 57
- 55** Barbara Milani, Carmen Claver. Metal-catalysed Polymerisation. 912705 - Dalton Transactions. pp. 8783 - 8783. (United Kingdom): 2009. ISSN 1477-9226
Type of production: Scientific paper **Format:** Journal
Total no. authors: 2
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 4.081 **Journal in the top 25%:** Yes

**Position of publication:** 7**No. of journals in the cat.:** 44

- 56** Axet, M. Rosa; Castillon, Sergio; Claver, Carmen; Philippot, Karine; Lecante, Pierre; Chaudret, Bruno. Chiral diphosphite-modified rhodium(0) nanoparticles: catalyst reservoir for styrene hydroformylation. 910604 - European Journal of Inorganic Chemistry. 22, pp. 3460 - 3466. (Germany): 2008. ISSN 1434-1948
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.694 **Journal in the top 25%:** No
Position of publication: 12 **No. of journals in the cat.:** 43
- 57** Villagra, Diego; Lopez, Rosa; Moya, Sergio A.; Claver, Carmen; Bastero, Amaia. Dipyridophenazine as Electronic Tunable Ligands for the Palladium-Catalyzed Synthesis of Polyketones. 900802 - Organometallics. 27 - 6, pp. 1019 - 1021. (United States of America): 2008. ISSN 0276-7333
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 3.815 **Journal in the top 25%:** Yes
Position of publication: 5 **No. of journals in the cat.:** 43
- 58** Bella, Antonio F.; Ruiz, Aurora; Claver, Carmen; Sepulveda, Francisco; Jalon, Felix A.; Manzano, Blanca R.. Pyrazolyl-pyrimidine based ligands in palladium catalyzed copolymerization and terpolymerization of CO/olefins. 900790 - Journal of Organometallic Chemistry. 693 - 7, pp. 1269 - 1275. (Switzerland): 2008. ISSN 0022-328X
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 1.866 **Journal in the top 25%:** No
Position of publication: 17 **No. of journals in the cat.:** 43
- 59** Munoz-Moreno, Bianca K.; Claver, Carmen; Ruiz, Aurora; Bianchini, Claudio; Meli, Andrea; Oberhauser, Werner. Synthesis of palladium(II) complexes containing a new α -D-xylofuranose-modified diphosphine and their application as catalyst precursors in the co- and terpolymerization of CO-ethene and propene. 912705 - Dalton Transactions. 20, pp. 2741 - 2750. (United Kingdom): 2008. ISSN 1477-9226
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 3.58 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 43



- 60** Gual, Aitor; Axet, M. Rosa; Philippot, Karine; Chaudret, Bruno; Denicourt-Nowicki, Audrey; Roucoux, Alain; Castillon, Sergio; Claver, Carmen. Diphosphite ligands derived from carbohydrates as stabilizers for ruthenium nanoparticles: promising catalytic systems in arene hydrogenation. 909184 - Chemical Communications. 693 - 24, pp. 2759 - 2761. (United Kingdom): 2008. ISSN 1359-7345
Type of production: Scientific paper **Format:** Journal
Total no. authors: 7
Impact source: ISI **Category:** CHEMISTRY, MULTIDISCIPLINARY
Impact index in year of publication: 5.34 **Journal in the top 25%:** Yes
Position of publication: 13 **No. of journals in the cat.:** 125
- 61** Balanta Castillo, A.; Favier, I.; Teuma, E.; Castellón, S.; Godard, C.; Aghmiz, A.; Claver, C.; Gómez, M. An outstanding palladium system containing C₂-symmetrical phosphite ligand for enantioselective allylic substitution processes. 909184 - Chemical Communications. 46, pp. 6197 - 6199. (United Kingdom): 2008. Available on-line at: <<http://pubs.rsc.org/en/Content/ArticleLanding/2008/CC/b813428f>>. ISSN 1359-7345
DOI: <https://doi.org/10.1039/b813428f>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 8
Impact source: ISI **Category:** CHEMISTRY, MULTIDISCIPLINARY
Impact index in year of publication: 5.34 **Journal in the top 25%:** Yes
Position of publication: 13 **No. of journals in the cat.:** 125
- 62** Orejón, A.; Masdeu-Bultó, Anna M.; Salagre, P.; Castellón, S.; Claver, C.; Padilla, A.; Almena, B.; Serrano, F.L. Strategies for the immobilisation of homogeneous catalysts and their use in the synthesis of carbamates. 901279 - Industrial & Engineering Chemistry Research. 47 - 21, pp. 8032 - 8036. (United States of America): 2008. ISSN 0888-5885
Type of production: Scientific paper **Format:** Journal
Total no. authors: 8
Impact source: ISI **Category:** ENGINEERING, CHEMICAL
Impact index in year of publication: 1.895 **Journal in the top 25%:** Yes
Position of publication: 22 **No. of journals in the cat.:** 116
- 63** Muñoz, B.; Santos, E.; Godard, C.; Zangrando, E.; Bo, C.; Ruiz, A.; Claver, C. HP-NMR study of the Pd-catalyzed methoxycarbonylation of styrene using monodentate and bidentate phosphane-modified systems. 910604 - European Journal of Inorganic Chemistry. 2008 - 29, pp. 4625 - 4637. (Germany): 2008. ISSN 1434-1948
Type of production: Scientific paper **Format:** Journal
Total no. authors: 7
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.694 **Journal in the top 25%:** No
Position of publication: 12 **No. of journals in the cat.:** 43
- 64** Pamies, O.; Dieguez, M.; Claver, C. New highly effective phosphite-phosphoramidite ligands for palladium-catalysed asymmetric allylic alkylation reactions. 910791 - Advanced Synthesis & Catalysis. 349 - 6, pp. 840. (Germany): 2007. ISSN 1615-4150
Type of production: Scientific paper **Format:** Journal
Total no. authors: 3
Impact source: ISI **Category:** CHEMISTRY, APPLIED
Impact index in year of publication: 4.977 **Journal in the top 25%:** Yes
Position of publication: 1 **No. of journals in the cat.:** 62
Impact source: ISI **Category:** CHEMISTRY, ORGANIC



Impact index in year of publication: 4.977
Position of publication: 3

Journal in the top 25%: Yes
No. of journals in the cat.: 56

- 65** Raluy, E.; Claver, C.; Pàmies, O.; Diéguez, M. First chiral phosphoroamidite-phosphite ligands for highly enantioselective and versatile Pd-catalyzed asymmetric allylic substitution reactions. 910471 - Organic Letters. 9 - 1, pp. 49 - 52. (United States of America): 2007. ISSN 1523-7060

Type of production: Scientific paper
Total no. authors: 4

Format: Journal

Impact source: ISI
Impact index in year of publication: 4.802
Position of publication: 4

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 56

- 66** Bianchini, C.; Meli, A.; Oberhauser, W.; Segarra, A.M.; Claver, C.; Suarez, E. J. G. CO-ethylene copolymerization reactions in different reaction media catalyzed by palladium(II) complexes with chelating diphosphines bearing ortho-methoxy-substituted aryl groups. 908997 - Journal of Molecular Catalysis A-Chemical. 265 - 1-2, pp. 292 - 305. (Holland): 2007. ISSN 1381-1169

Type of production: Scientific paper
Total no. authors: 6

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.707
Position of publication: 32

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 110

- 67** Bastero, A.; Bella, A.F.; Fernández, F.; Jansat, S.; Claver, C.; Gómez, M.; Muller, G.; Ruiz, A.; Font-Bardia, M.; Solans, X. First allylpalladium systems containing chiral imidazolylpyridine ligands - Structural studies and catalytic behaviour. 910604 - European Journal of Inorganic Chemistry. 1, pp. 132 - 139. (Germany): 2007. ISSN 1434-1948

Type of production: Scientific paper
Total no. authors: 10

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.597
Position of publication: 11

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 43

- 68** Garcia-Suarez, E.J.; Ruiz, A.; Castillon, S.; Oberhauser, W.; Bianchini, C.; Claver, C. New alkyl derivatives phosphine sulfonate (P-O) ligands. Catalytic activity in Pd-catalysed Suzuki-Miyaura reactions in water. 912705 - Dalton Transactions. 27, pp. 2859 - 2861. (United Kingdom): 2007. ISSN 1477-9226

Type of production: Scientific paper
Total no. authors: 6

Format: Journal

Impact source: ISI
Impact index in year of publication: 3.212
Position of publication: 9

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 43

- 69** Favier, I.; Gomez, M.; Muller, G.; Axet, M.R.; Castillon, S.; Claver, C.; Jansat, S.; Chaudret, B.; Philippot, K. Palladium catalytic species containing chiral phosphites: Towards a discrimination between molecular and colloidal catalysts. 910791 - Advanced Synthesis & Catalysis. 349 - 16, pp. 2459 - 2469. (Germany): 2007. ISSN 1615-4150

Type of production: Scientific paper
Total no. authors: 9

Format: Journal

Impact source: ISI
Impact index in year of publication: 4.977

Category: CHEMISTRY, APPLIED
Journal in the top 25%: Yes

Position of publication: 1

Impact source: ISI

Impact index in year of publication: 4.977

Position of publication: 3

No. of journals in the cat.: 62

Category: CHEMISTRY, ORGANIC

Journal in the top 25%: Yes

No. of journals in the cat.: 56

- 70** Munoz, Bianca K.; Godard, Cyril; Marinetti, Angela; Ruiz, Aurora; Benet-Buchholz, Jordi; Claver, Carmen. Pd-catalyzed methoxycarbonylation of vinylarenes using chiral monodentate phosphitanes and phospholane as ligands. Effect of substrate substituents on enantioselectivity. .912705 - Dalton Transactions. 47, pp. 5524 - 5530. (United Kingdom): 2007. ISSN 1477-9226

Type of production: Scientific paper

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 3.212

Position of publication: 9

Format: Journal

Category: CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: Yes

No. of journals in the cat.: 43

- 71** Axet, M. Rosa; Benet-Buchholz, Jordi; Claver, Carmen; Castillon, Sergio. New C₂-symmetric diphosphite ligands derived from carbohydrates: effect of the remote stereo-centers on asymmetric catalysis. 910791 - Advanced Synthesis & Catalysis. 349 - 11-12, pp. 1983 - 1998. (Germany): 2007. ISSN 1615-4150

Type of production: Scientific paper

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 4.977

Position of publication: 1

Format: Journal

Category: CHEMISTRY, APPLIED

Journal in the top 25%: Yes

No. of journals in the cat.: 62

Impact source: ISI

Impact index in year of publication: 4.977

Position of publication: 3

Category: CHEMISTRY, ORGANIC

Journal in the top 25%: Yes

No. of journals in the cat.: 56

- 72** Bianchini, Claudio; Meli, Andrea; Oberhauser, Werner; Claver, Carmen; Garcia Suarez, Eduardo J. Unraveling the o-methoxy effect in the CO/ethene copolymerization reaction by diphosphane palladium(II) catalysis. European Journal of Inorganic Chemistry (2007), (18), 2702-2710. 910604 - European Journal of Inorganic Chemistry. 18, pp. 2702 - 2710. (Germany): 2007. ISSN 1434-1948

Type of production: Scientific paper

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 2.597

Position of publication: 11

Format: Journal

Category: CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: Yes

No. of journals in the cat.: 43

- 73** García-Suárez, E.J.; Godard, C.; Ruiz, A.; Claver, C. Alternating and non-alternating Pd-catalysed co- and terpolymerisation of carbon monoxide and alkenes. 910604 - European Journal of Inorganic Chemistry. 18, pp. 2582 - 2593. (Germany): 2007. ISSN 1434-1948

Type of production: Scientific paper

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 2.597

Position of publication: 11

Format: Journal

Category: CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: Yes

No. of journals in the cat.: 43



- 74** Bettucci, Lorenzo; Bianchini, Claudio; Claver, Carmen; Suarez, Eduardo J. Garcia; Ruiz, Aurora; Meli, Andrea; Oberhauser, Werner. Ligand effects in the non-alternating CO-ethylene copolymerization by palladium(II) catalysis. 912705 - Dalton Transactions. 18, pp. 5590 - 5602. (United Kingdom): 2007. ISSN 1477-9226
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 3.212 **Journal in the top 25%:** Yes
Position of publication: 9 **No. of journals in the cat.:** 43
- 75** Claver, C. Emerging Strategies in Catalysis. 912705 - Dalton Transactions. 47, pp. 5482. (United Kingdom): 2007. ISSN 1477-9226
Type of production: Scientific paper **Format:** Journal
Total no. authors: 1
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 3.212 **Journal in the top 25%:** Yes
Position of publication: 9 **No. of journals in the cat.:** 43
- 76** Claver, C. Asymmetric Catalysis. 911299 - Comptes Rendus Chimie. 10 - 3, pp. 137. (France): 2007. ISSN 1631-0748
Type of production: Scientific paper **Format:** Journal
Total no. authors: 1
Impact source: ISI **Category:** CHEMISTRY, MULTIDISCIPLINARY
Impact index in year of publication: 1.305 **Journal in the top 25%:** No
Position of publication: 52 **No. of journals in the cat.:** 127
- 77** Godard, C.; Ruiz, A.; Claver, C. Systematic study of the asymmetric methoxycarbonylation of styrene catalyzed by palladium systems containing chiral ferrocenyl diphosphine ligands. 900649 - Helvetica Chimica Acta. 89 - 8, pp. 1610 - 1622. (Switzerland): 2006. ISSN 0018-019X
Type of production: Scientific paper **Format:** Journal
Total no. authors: 3
Impact source: ISI **Category:** CHEMISTRY, MULTIDISCIPLINARY
Impact index in year of publication: 1.55 **Journal in the top 25%:** No
Position of publication: 44 **No. of journals in the cat.:** 124
- 78** Bianchini, C.; Brueggeller, P.; Claver, C.; Czermak, G.; Dumfort, A.; Meli, A.; Oberhauser, W.; Garcia Suarez, E. J. Synthesis and characterization of palladium(II) complexes with new diphosphonium-diphosphine and diphosphine ligands. Production of low molecular weight alternating polyketones via catalytic CO/ethene copolymerisation. 912705 - Dalton Transactions. 24, pp. 2964 - 2973. (United Kingdom): 2006. ISSN 1477-9226
Type of production: Scientific paper **Format:** Journal
Total no. authors: 8
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 3.012 **Journal in the top 25%:** Yes
Position of publication: 9 **No. of journals in the cat.:** 44
- 79** Axet, M.R.; Castellón, S.; Claver, C. Rhodium-diphosphite catalysed hydroformylation of allylbenzene and propenylbenzene derivatives. 900754 - Inorganica Chimica Acta. 359 - 9, pp. 2973 - 2979. (Switzerland): 2006. ISSN 0020-1693
Type of production: Scientific paper **Format:** Journal
Total no. authors: 3



Impact source: ISI
Impact index in year of publication: 1.674
Position of publication: 21

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 44

- 80** Guiu, E.; Caporali, M.; Munoz, B.; Mueller, Ch.; Lutz, M.; Spek, A.; Claver, C.; Van Leeuwen, PWNM. Electronic effect of diphosphines on the regioselectivity of the palladium-catalyzed hydroesterification of styrene. 900802 - Organometallics. 25 - 13, pp. 3102 - 3104. (United States of America): 2006. ISSN 0276-7333

Type of production: Scientific paper
Total no. authors: 8

Format: Journal

Impact source: ISI
Impact index in year of publication: 3.632
Position of publication: 7

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 44

Impact source: ISI
Impact index in year of publication: 3.632
Position of publication: 9

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 56

- 81** Nunes, R.M.D.; Peixoto, A.F.; Axet, M.R.; Pereira, M.M.; Moreno, M.J.; Kollar, L.; Claver, C.; Castillon, S. Selective hydrogenation of alpha,beta-unsaturated oxosteroids with homogeneous rhodium catalysts. 908997 - Journal of Molecular Catalysis A-Chemical. 247 - 1-2, pp. 275 - 282. (Holland): 2006. ISSN 1381-1169

Type of production: Scientific paper
Total no. authors: 8

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.511
Position of publication: 32

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 108

- 82** Guiu, E.; Aghmiz, M.; Diaz, Y.; Claver, C.; Meseguer, B.; Militzer, Ch.; Castillon, S. New C-2- and C-1-symmetric phosphorus ligands based on carbohydrate scaffolds and their use in the iridium-catalysed hydrogenation of ketimines. 910608 - European Journal of Organic Chemistry. 3, pp. 627 - 633. (Germany): 2006. ISSN 1434-193X

Type of production: Scientific paper
Total no. authors: 7

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.769
Position of publication: 18

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 56

- 83** Pamiés, O.; Claver, C.; Diéguez, M. Phosphite-oxazoline ligands for Rh-catalyzed asymmetric hydrosilylation of ketones. 908997 - Journal of Molecular Catalysis A-Chemical. 249 - 1-2, pp. 207 - 210. (Holland): 2006. ISSN 1381-1169

Type of production: Scientific paper
Total no. authors: 3

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.511
Position of publication: 32

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 108

- 84** Garcia, L.; Claver, C.; Dieguez, M.; Masdeu-Bulto, A.M. A highly selective synthesis of 3-hydroxy-2-methylpropionamide involving a one-pot tandem hydroformylation-hydrogenation sequence. 909184 - Chemical Communications. 2, pp. 191 - 193. (United Kingdom): 2006. ISSN 1359-7345

Type of production: Scientific paper
Total no. authors: 4

Format: Journal



Impact source: ISI
Impact index in year of publication: 4.521
Position of publication: 13

Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 124

- 85** Mata, Y.; Claver, C.; Dieguez, M.; Pamies, O. Pyranoside phosphite-phosphoroamidite ligands for Pd-catalyzed asymmetric allylic alkylation reactions. 900808 - Tetrahedron Asymmetry. 17 - 23, pp. 3282 - 3287. (United Kingdom): Elsevier Ltd, 2006. ISSN 0957-4166

Type of production: Scientific paper
Total no. authors: 4

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.468
Position of publication: 15

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 44

Impact source: ISI
Impact index in year of publication: 2.468
Position of publication: 23

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 56

Impact source: ISI
Impact index in year of publication: 2.468
Position of publication: 33

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 108

- 86** Dieguez, M.; Pamies, O.; Claver, C. Furanoside thioether-phosphinite ligands for Pd-catalyzed asymmetric allylic substitution reactions: Scope and limitations. 900790 - Journal of Organometallic Chemistry. 691 - 10, pp. 2257 - 2262. (Switzerland): 2006. ISSN 0022-328X

Type of production: Scientific paper
Total no. authors: 3

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.332
Position of publication: 16

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 44

Impact source: ISI
Impact index in year of publication: 2.332
Position of publication: 25

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 56

- 87** Pamies, O.; Dieguez, M.; Claver, C. New phosphite-oxazoline ligands for efficient Pd-catalyzed substitution reactions. 900665 - Journal of the American Chemical Society. 127 - 11, pp. 3646 - 3647. (United States of America): 2005. ISSN 0002-7863

Type of production: Scientific paper
Total no. authors: 4

Format: Journal

Impact source: ISI
Impact index in year of publication: 7.419
Position of publication: 6

Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 125

- 88** Dieguez, M.; Pamies, O.; Claver, C. First successful application of diphosphite ligands in the asymmetric hydroformylation of dihydrofurans. 909184 - Chemical Communications. 9, pp. 1221 - 1223. (United Kingdom): 2005. ISSN 1359-7345

Type of production: Scientific paper
Total no. authors: 4

Format: Journal

Impact source: ISI
Impact index in year of publication: 4.426

Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes

**Position of publication:** 9**No. of journals in the cat.:** 125

- 89** Dieguez, M.; Pamies, O.; Claver, C. Palladium-diphosphite catalysts for the asymmetric allylic substitution reactions. 900789 - Journal of Organic Chemistry. 70 - 9, pp. 3363 - 3368. (United States of America): 2005. ISSN 0022-3263
Type of production: Scientific paper **Format:** Journal
Total no. authors: 4
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 3.675 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 55
- 90** Fernandez, F.; Gomez, M.; Jansat, S.; Muller, G.; Martin, E.; Flores-Santos, L.; Garcia, P.X.; Acosta, A.; Aghmiz, A.; Gimenez-Pedros, M.; Masdeu-Bulto, A.M.; Dieguez, M.; Claver, C.; Maestro, M.A. Allylic alkylations catalyzed by palladium systems containing modular chiral dithioethers. A structural study of the allylic intermediates. 900802 - Organometallics. 24 - 16, pp. 3946 - 3956. (United States of America): 2005. ISSN 0276-7333
Type of production: Scientific paper **Format:** Journal
Total no. authors: 14
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 3.473 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 43
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 3.473 **Journal in the top 25%:** Yes
Position of publication: 10 **No. of journals in the cat.:** 55
- 91** Bastero, A.; Ruiz, A.; Claver, C.; Bella, A.; Milani, B.; Moreno-Lara, B.; Jalon, F.A.; Manzano, B.R. Control of polymer composition in Pd-catalyzed CO/olefin terpolymerization reactions. 910791 - Advanced Synthesis & Catalysis. 347 - 6, pp. 839 - 846. (Germany): 2005. ISSN 1615-4150
Type of production: Scientific paper **Format:** Journal
Total no. authors: 3
Impact source: ISI **Category:** CHEMISTRY, APPLIED
Impact index in year of publication: 4.632 **Journal in the top 25%:** Yes
Position of publication: 1 **No. of journals in the cat.:** 59
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 4.632 **Journal in the top 25%:** Yes
Position of publication: 4 **No. of journals in the cat.:** 55
- 92** Guimet, E.; Diéguez, M.; Ruiz, A.; Claver, C. Asymmetric hydrogenation of prochiral olefins catalysed by furanoside thioether-phosphinite Rh(I) and Ir(I) complexes. 912705 - Dalton Transactions. 15, pp. 2557 - 2562. (United Kingdom): 2005. ISSN 1477-9226
Type of production: Scientific paper **Format:** Journal
Total no. authors: 4
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 3.003 **Journal in the top 25%:** Yes
Position of publication: 9 **No. of journals in the cat.:** 43
- 93** Guimet, E.; Dieguez, M.; Ruiz, A.; Claver, C. Thioether-phosphinite and diphosphinite ligands derived from D-xylose for the copper-catalyzed asymmetric 1,4-addition to 2-cyclohexenone. 900808 - Tetrahedron Asymmetry. 16 - 12, pp. 2161 - 2165. (United Kingdom): Elsevier Ltd, 2005. ISSN 0957-4166



Type of production: Scientific paper
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 2.429
Position of publication: 12

Impact source: ISI
Impact index in year of publication: 2.429
Position of publication: 20

Impact source: ISI
Impact index in year of publication: 2.429
Position of publication: 33

Format: Journal

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 43

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 55

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 111

- 94** Guimet, E.; Parara, J.; Diéguez, M.; Ruiz, A.; Claver, C. Asymmetric hydroformylation of vinyl arenes catalyzed by furanoside diphosphinites-Rh(I) complexes. 908406 - Applied Catalysis A-General. 282 - 1-2, pp. 215 - 220. (Holland): 2005. ISSN 0926-860X

Type of production: Scientific paper
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 2.728
Position of publication: 28

Impact source: ISI
Impact index in year of publication: 2.728
Position of publication: 11

Format: Journal

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: Yes
No. of journals in the cat.: 111

Category: ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 140

- 95** Flores-Santos, L.; Martin, E.; Aghmiz, A.; Diéguez, M.; Claver, C.; Masdeu-Bultó, A.M.; Muñoz-Hernández, A.M. Cationic iridium complexes with chiral dithioether ligands: synthesis, characterisation and reactivity under hydrogenation conditions. 910604 - European Journal of Inorganic Chemistry. 2005 - 12, pp. 2315 - 2323. (Germany): 2005. ISSN 1434-1948

Type of production: Scientific paper
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 2.514
Position of publication: 11

Format: Journal

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 43

- 96** Dieguez, M.; Pamies, O.; Claver, C. Modular furanoside diphosphite ligands for Pd-catalyzed asymmetric allylic substitution reactions: Scope and limitations. 910791 - Advanced Synthesis & Catalysis. 347 - 9, pp. 1257 - 1266. (Germany): 2005. ISSN 1615-4150

Type of production: Scientific paper
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 4.632
Position of publication: 1

Impact source: ISI
Impact index in year of publication: 4.632
Position of publication: 4

Format: Journal

Category: CHEMISTRY, APPLIED
Journal in the top 25%: Yes
No. of journals in the cat.: 59

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 55



- 97** Mata, Y.; Dieguez, M.; Pamies, O.; Claver, C. Chiral phosphite-oxazolines: A new class of ligands for asymmetric Heck reactions. 910471 - Organic Letters. 7 - 25, pp. 5597 - 5599. (United States of America): 2005. ISSN 1523-7060
Type of production: Scientific paper **Format:** Journal
Total no. authors: 4
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 4.368 **Journal in the top 25%:** Yes
Position of publication: 5 **No. of journals in the cat.:** 55
- 98** Orejon, A.; Castellanos, A.; Salagre, P.; Castillon, S.; Claver, C. Oxidative carbonylation of aniline with new cobalt catalytic systems. 900633 - Canadian Journal of Chemistry - Revue Canadienne de Chimie. 83 - 6, pp. 764 - 768. (Canada): 2005. ISSN 0008-4042
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
Impact source: ISI **Category:** CHEMISTRY, MULTIDISCIPLINARY
Impact index in year of publication: 1.118 **Journal in the top 25%:** No
Position of publication: 53 **No. of journals in the cat.:** 125
- 99** Diéguez, M.; Pàmies, O.; Claver, C. Furanoside thioether-phosphinite ligands for Rh-catalyzed asymmetric hydrosilylation of ketones. 900808 - Tetrahedron Asymmetry. 16 - 23, pp. 3877 - 3880. (United Kingdom): Elsevier Ltd, 2005. ISSN 0957-4166
Type of production: Scientific paper **Format:** Journal
Total no. authors: 4
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.429 **Journal in the top 25%:** No
Position of publication: 12 **No. of journals in the cat.:** 43
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.429 **Journal in the top 25%:** No
Position of publication: 20 **No. of journals in the cat.:** 55
Impact source: ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 2.429 **Journal in the top 25%:** No
Position of publication: 33 **No. of journals in the cat.:** 111
- 100** Muñoz, B.; Marinetti, A.; Ruiz, A.; Castillón, S.; Claver, C. Enhanced regioselectivity in palladium-catalysed asymmetric methoxycarbonylation of styrene using phosphitanes as chiral ligands. 909947 - Inorganic Chemistry Communications. 8 - 12, pp. 1113 - 1115. (Holland): 2005. ISSN 1387-7003
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 1.826 **Journal in the top 25%:** No
Position of publication: 18 **No. of journals in the cat.:** 43
- 101** Guimet, E.; Diéguez, M.; Ruiz, A.; Claver, C. Furanoside thioether-phosphinite ligands for Pd-catalyzed asymmetric allylic substitution reactions. 900808 - Tetrahedron Asymmetry. 16 - 5, pp. 959 - 963. (United Kingdom): Elsevier Ltd, 2005. ISSN 0957-4166
Type of production: Scientific paper **Format:** Journal
Total no. authors: 4
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR

Impact index in year of publication: 2.429
Position of publication: 12

Impact source: ISI
Impact index in year of publication: 2.429
Position of publication: 20

Impact source: ISI
Impact index in year of publication: 2.429
Position of publication: 33

Journal in the top 25%: No
No. of journals in the cat.: 43

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 55

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 111

- 102** Mata, Y.; Dieguez, M.; Pamies, O.; Claver, C. New carbohydrate-based phosphite-oxazoline ligands as highly versatile ligands for palladium-catalyzed allylic substitution reactions. 910791 - Advanced Synthesis & Catalysis. 347 - 15, pp. 1943 - 1947. (Germany): 2005. ISSN 1615-4150

Type of production: Scientific paper
Total no. authors: 4

Format: Journal

Impact source: ISI
Impact index in year of publication: 4.632
Position of publication: 1

Category: CHEMISTRY, APPLIED
Journal in the top 25%: Yes
No. of journals in the cat.: 59

Impact source: ISI
Impact index in year of publication: 4.632
Position of publication: 4

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 55

- 103** Guimet, E.; Dieguez, M.; Ruiz, A.; Claver, C. Pd-catalyzed asymmetric allylic alkylation using furanoside diphosphinite ligands. 900754 - Inorganica Chimica Acta. 358 - 13, pp. 3824 - 3828. (Switzerland): 2005. ISSN 0020-1693

Type of production: Scientific paper
Total no. authors: 4

Format: Journal

Impact source: ISI
Impact index in year of publication: 1.606
Position of publication: 21

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 43

- 104** Jansat, S.; Gómez, M.; Philippot, K.; Muller, G.; Guiu, E.; Claver, C.; Castillón, S.; Chaudret, B. A case for enantioselective allylic alkylation catalyzed by palladium nanoparticles. 900665 - Journal of the American Chemical Society. 126 - 6, pp. 1592 - 1593. (United States of America): 2004. ISSN 0002-7863

Type of production: Scientific paper
Total no. authors: 8

Format: Journal

Impact source: ISI
Impact index in year of publication: 6.903
Position of publication: 6

Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 125

- 105** Segarra, A.M.; Claver, C.; Fernández, E. New insights on the asymmetric hydroboration of perfluoroalkenes. 909184 - Chemical Communications. 4, pp. 464 - 465. (United Kingdom): 2004. ISSN 1359-7345

Type of production: Scientific paper
Total no. authors: 3

Format: Journal

Impact source: ISI
Impact index in year of publication: 3.997
Position of publication: 13

Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 125

- 106** Diéguez, M.; Pàmies, O.; Claver, C. Recent advances in Rh-catalyzed asymmetric hydroformylation using phosphite ligands. 900808 - Tetrahedron Asymmetry. 15 - 14, pp. 2113 - 2122. (United Kingdom): Elsevier Ltd, 2004. ISSN 0957-4166
- Type of production:** Scientific paper
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 2.386
Position of publication: 11
- Impact source:** ISI
Impact index in year of publication: 2.386
Position of publication: 18
- Impact source:** ISI
Impact index in year of publication: 2.386
Position of publication: 29
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 45
- Category:** CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 58
- Category:** CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 106
- 107** Guimet, E.; Dieguez, M.; Ruiz, A; Claver, C. Furanoside diphosphinites as suitable ligands for the asymmetric catalytic hydrogenation of chiral olefins. 900808 - Tetrahedron Asymmetry. 15 - 14, pp. 2247 - 2251. (United Kingdom): Elsevier Ltd, 2004. ISSN 0957-4166
- Type of production:** Scientific paper
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 2.386
Position of publication: 11
- Impact source:** ISI
Impact index in year of publication: 2.386
Position of publication: 18
- Impact source:** ISI
Impact index in year of publication: 2.386
Position of publication: 29
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 45
- Category:** CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 58
- Category:** CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 106
- 108** Guiu, E.; Claver, C.; Benet-Buchholz, J.; Castillon, S. An efficient method for the synthesis of enantiopure phosphine-imidazoline ligands: application to the Ir-catalyzed hydrogenation of imines. 900808 - Tetrahedron Asymmetry. 15 - 21, pp. 3365 - 3373. (United Kingdom): Elsevier Ltd, 2004. ISSN 0957-4166
- Type of production:** Scientific paper
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 2.386
Position of publication: 11
- Impact source:** ISI
Impact index in year of publication: 2.386
Position of publication: 18
- Impact source:** ISI
Impact index in year of publication: 2.386
Position of publication: 29
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 45
- Category:** CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 58
- Category:** CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 106



- 109** Guiu, E.; Claver, C.; Castellón, S. Ir(I) complexes with oxazoline-thioether ligands: nucleophilic attack of pyridine on coordinated 1,5-cyclooctadiene and application as catalysts in imine hydrogenation. 900807 - Tetrahedron Letters. 689 - 11, pp. 1911 - 1918. (United Kingdom): 2004. ISSN 0040-4039
Type of production: Scientific paper **Format:** Journal
Total no. authors: 3
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.484 **Journal in the top 25%:** No
Position of publication: 15 **No. of journals in the cat.:** 58
- 110** Aghmiz, M.; Aghmiz, A.; Díaz, T.; Masdeu-Bultó, A.; Claver, C.; Castellón, S. C-2-symmetric diphosphinite ligands derived from carbohydrates. The strong influence of remote stereocenters on asymmetric rhodium-catalyzed hydrogenation. 900789 - Journal of Organic Chemistry. 69 - 22, pp. 7502 - 7510. (United States of America): 2004. ISSN 0022-3263
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 3.462 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 58
- 111** Bastero, A.; Daura, E.; Bo, C.; Ruiz, A.; Castellón, S.; Claver, C.; Zangrando, E. Insights into CO/styrene copolymerization through the use of Pd (II) catalysts containing modular pyridine-imidazoline ligands. 908895 - Chemistry-A European Journal. 10 - 15, pp. 3747 - 3760. (Germany): 2004. ISSN 0947-6539
Type of production: Scientific paper **Format:** Journal
Total no. authors: 7
Impact source: ISI **Category:** CHEMISTRY, MULTIDISCIPLINARY
Impact index in year of publication: 4.517 **Journal in the top 25%:** Yes
Position of publication: 10 **No. of journals in the cat.:** 125
- 112** Diéguez, M.; Ruiz, A.; Claver, C.; Doro, F.; Sanna, M.G.; Gladiali, S. Cationic iridium complexes with C-2-symmetry binaphthalene-core disulfide ligands - Synthesis and catalytic activity in the hydrogenation of alkenes. 900754 - Inorganica Chimica Acta. 357 - 10, pp. 2957 - 2964. (Switzerland): 2004. ISSN 0020-1693
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 1.554 **Journal in the top 25%:** No
Position of publication: 22 **No. of journals in the cat.:** 45
- 113** Segarra, A.M.; Daura-Oller, E.; Claver, C.; Poblet, J.M.; Bo, C.; Fernandez, E. In quest of factors that control the enantioselective catalytic Markovnikov hydroboration/oxidation of vinylarenes. 908895 - Chemistry-A European Journal. 10 - 24, pp. 6456 - 6467. (Germany): 2004. ISSN 0947-6539
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, MULTIDISCIPLINARY
Impact index in year of publication: 4.517 **Journal in the top 25%:** Yes
Position of publication: 10 **No. of journals in the cat.:** 125
- 114** Pamies, O.; Dieguez, M.; Ruiz, A.; Claver, C. Sugar-based P-ligands for asymmetric hydrogenation. 909846 - Chimica Oggi-Chemistry Today. 22 - 10, pp. 12 - 17. (Italy): 2004. ISSN 1973-8250
Type of production: Scientific paper **Format:** Journal



Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 0.218

Position of publication: 123

Impact source: ISI

Impact index in year of publication: 0.218

Position of publication: 114

Category: BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 133

Category: CHEMISTRY, MULTIDISCIPLINARY

Journal in the top 25%: No

No. of journals in the cat.: 125

- 115** van der Vlugt, J.I.; Paulusse, J.M.J.; Zijp, E.J.; Tijmensen, J.A.; Mills, A.M.; Spek, A.L.; Claver, C.; Vogt, D. Coordination chemistry and asymmetric catalysis with a chiral diphosphonite. 910604 - European Journal of Inorganic Chemistry. 21, pp. 4193 - 4201. (Germany): 2004. ISSN 1434-1948

Type of production: Scientific paper

Format: Journal

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 2.336

Position of publication: 12

Category: CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: No

No. of journals in the cat.: 45

- 116** Daura-Oller, E.; Segarra, A.M.; Poblet, J.M.; Claver, C.; Fernandez, E.; Bo, C. On the origin of regio- and stereoselectivity in the rhodium-catalyzed vinylarenes hydroboration reaction. 900789 - Journal of Organic Chemistry. 69 - 8, pp. 2669 - 2680. (United States of America): 2004. ISSN 0022-3263

Type of production: Scientific paper

Format: Journal

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 3.462

Position of publication: 7

Category: CHEMISTRY, ORGANIC

Journal in the top 25%: Yes

No. of journals in the cat.: 58

- 117** Aghmiz, A.; Claver, C.; Masdeu-Bulto, A.M.; Maillard, D.; Sinou, D. Hydroformylation of 1-octene with rhodium catalysts in fluorous systems. 908997 - Journal of Molecular Catalysis A-Chemical. 208 - 1-2, pp. 97 - 101. (Holland): 2004. ISSN 1381-1169

Type of production: Scientific paper

Format: Journal

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 2.316

Position of publication: 31

Category: CHEMISTRY, PHYSICAL

Journal in the top 25%: No

No. of journals in the cat.: 106

- 118** Segarra, A.M.; Guerrero, R.; Claver, C.; Fernández, E. How to turn the catalytic asymmetric hydroboration reaction of vinylarenes into a recyclable process. 908895 - Chemistry-A European Journal. 90 - 1, pp. 191 - 200. (Germany): 2003. ISSN 0947-6539

Type of production: Scientific paper

Format: Journal

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 4.353

Position of publication: 8

Category: CHEMISTRY, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 123

- 119** Poyatos, M.; Marquez, F.; Peris, E.; Claver, C.; Fernandez, E. Preparation of a new clay-immobilized highly stable palladium catalyst and its efficient recyclability in the Heck reaction. 900672 - New Journal of Chemistry. 27 - 2, pp. 425 - 431. (United Kingdom): 2003. ISSN 1144-0546



Type of production: Scientific paper
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 2.272
Position of publication: 25

Format: Journal

Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 123

- 120** Guiu, E.; Muñoz, B.; Castellón, S.; Claver, C. Iridium-catalyzed enantioselective hydrogenation of imines with xylose diphosphite and diphosphinite ligands. 910791 - *Advanced Synthesis & Catalysis*. 345 - 1-2, pp. 169 - 171. (Germany): 2003. ISSN 1615-4150

Type of production: Scientific paper
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 3.783
Position of publication: 2

Format: Journal

Category: CHEMISTRY, APPLIED
Journal in the top 25%: Yes
No. of journals in the cat.: 57

Impact source: ISI
Impact index in year of publication: 3.783
Position of publication: 6

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 55

- 121** Aghmiz, A.; Orejon, A.; Dieguez, M.; Miquel-Serrano, M.D.; Claver, C.; Masdeu-Bulto, A.M.; Sinou, D.; Laurency, G. Rhodium-sulfonated diphosphine catalysts in aqueous hydroformylation of vinyl arenes: high-pressure NMR and IR studies. 908997 - *Journal of Molecular Catalysis A-Chemical*. 195 - 1-2, pp. 113 - 124. (Holland): 2003. ISSN 1381-1169

Type of production: Scientific paper
Total no. authors: 8
Impact source: ISI
Impact index in year of publication: 2.264
Position of publication: 31

Format: Journal

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 101

- 122** Poyatos, M.; Uriz, P.; Mata, J.A.; Claver, C.; Fernández, E.; Peris, E. Synthesis of a Dirhodium(I) Bisimidazolium Carbene Complex and Catalytic Activity toward Hydroformylation of Olefins. High Pressure NMR Spectroscopy of the Catalysts under catalytic Conditions. 900802 - *Organometallics*. 22, pp. 440 - 444. (United States of America): 2003. ISSN 0276-7333

Type of production: Scientific paper
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 3.375
Position of publication: 7

Format: Journal

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 46

Impact source: ISI
Impact index in year of publication: 3.375
Position of publication: 9

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 55

- 123** Diéguez, M.; Ruiz, A.; Claver, C. Tunable Furanoside diphosphite ligands. A powerful approach in asymmetric catalysis. 900763 - *Journal of the Chemical Society-Dalton Transactions*. pp. 2957 - 2963. (United Kingdom): 2003. ISSN 1472-7773

Type of production: Scientific paper
Total no. authors: 3

Format: Journal



- 124** Yañez, X.; Claver, C.; Castellón, S.; Fernández E. Montmorillonite K10 as a suitable co-catalyst for atom economy in chelation-assisted intermolecular hydroacylation. 900807 - Tetrahedron Letters. 44 - 8, pp. 1631 - 1634. (United Kingdom): 2003. ISSN 0040-4039
Type of production: Scientific paper **Format:** Journal
Total no. authors: 4
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.326 **Journal in the top 25%:** No
Position of publication: 16 **No. of journals in the cat.:** 55
- 125** Benedi, C.; Bravo, F.; Uriz, P.; Fernandez, E.; Claver, C.; Castillon, S. Synthesis of 2-substituted-benzothiazoles by palladium-catalyzed intramolecular cyclization of o-bromophenylthioureas and o-bromophenylthioamides. 900807 - Tetrahedron Letters. 44 - 32, pp. 6073 - 6077. (United Kingdom): 2003. ISSN 0040-4039
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.326 **Journal in the top 25%:** No
Position of publication: 16 **No. of journals in the cat.:** 55
- 126** Segarra, A.M.; Guirado, F.; Claver, C.; Fernandez, E. Efficiency of natural bentonite versus synthetic organo(bis-silanetriolates) as supports towards the heterogenisation of asymmetric hydroboration. 900808 - Tetrahedron Asymmetry. 14 - 12, pp. 1611 - 1615. (United Kingdom): Elsevier Ltd, 2003. ISSN 0957-4166
Type of production: Scientific paper **Format:** Journal
Total no. authors: 4
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.178 **Journal in the top 25%:** No
Position of publication: 12 **No. of journals in the cat.:** 46
- Impact source:** ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.178 **Journal in the top 25%:** No
Position of publication: 20 **No. of journals in the cat.:** 55
- Impact source:** ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 2.178 **Journal in the top 25%:** No
Position of publication: 33 **No. of journals in the cat.:** 101
- 127** Mas-Marza, E.; Segarra, A.M.; Claver, C.; Peris, E.; Fernandez, E. Improved sonogashira C-C coupling through clay supported palladium complexes with tridentate pincer bis-carbene ligands. 900807 - Tetrahedron Letters. 44 - 35, pp. 6595 - 6599. (United Kingdom): 2003. ISSN 0040-4039
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.326 **Journal in the top 25%:** No
Position of publication: 16 **No. of journals in the cat.:** 55
- 128** Giménez, M.; Aghmiz, A.; Claver, C.; Masdeu-Bultó, A.M.; Sinou, D. Micellar effect in hydroformylation of high olefin catalysed by water-soluble rhodium complexes associated with sulfonated diphosphines. 908997 - Journal of Molecular Catalysis A-Chemical. 200 - 1-2, pp. 157 - 163. (Holland): 2003. ISSN 1381-1169
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
Impact source: ISI **Category:** CHEMISTRY, PHYSICAL



Impact index in year of publication: 2.264
Position of publication: 31

Journal in the top 25%: No
No. of journals in the cat.: 101

- 129** Bastero, A.; Ruiz, A.; Claver, C. Bis-(thio)ethers as chelating ligands for the Pd-catalyzed alternating CO/tert-butylstyrene copolymerization. 900819 - Catalysis Letters. 82 - 1-2, pp. 85 - 88. (United States of America): 2002. ISSN 1011-372X

Type of production: Scientific paper
Total no. authors: 3

Format: Journal

Impact source: ISI
Impact index in year of publication: 1.559
Position of publication: 42

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 95

- 130** Uriz, P.; Serra, M.; Salagre, P.; Castellón, S.; Claver, C.; Fernández, E. A new and efficient catalytic method for synthesizing isocyanates from carbamates. 900807 - Tetrahedron Letters. 43 - 9, pp. 1673 - 1676. (United Kingdom): 2002. ISSN 0040-4039

Type of production: Scientific paper
Total no. authors: 6

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.357
Position of publication: 14

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 53

- 131** Dieguez, M.; Ruiz, A.; Claver, C. Chiral Diphosphites derived from D-Glucosa: New highly modular Ligands for the Asymmetric Catalytic Hydrogenation. 900789 - Journal of Organic Chemistry. 67, pp. 3796 - 3801. (United States of America): 2002. ISSN 0022-3263

Type of production: Scientific paper
Total no. authors: 3

Format: Journal

Impact source: ISI
Impact index in year of publication: 3.217
Position of publication: 6

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 53

- 132** Dieguez, M.; Pámies, O.; Net, G.; Ruiz, A.; Claver, C. Mixed thioether-phosphite and phosphine-phosphite ligands for copper-catalyzed asymmetric 1,4-addition of organometallic reagents to cyclohexenone. 908997 - Journal of Molecular Catalysis A-Chemical. 185 - 1-2, pp. 11 - 16. (Holland): 2002. ISSN 1381-1169

Type of production: Scientific paper
Total no. authors: 5

Format: Journal

Impact source: ISI
Impact index in year of publication: 1.729
Position of publication: 37

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 95

- 133** Fornies-Camer, J.; Masdeu-Bulto, A.M.; Claver, C. Reactivity of mononuclear dithiolato palladium and platinum metalloligands towards the formation of homo- and heterobimetallic complexes. 909947 - Inorganic Chemistry Communications. 5 - 5, pp. 351 - 354. (Holland): 2002. ISSN 1387-7003

Type of production: Scientific paper
Total no. authors: 3

Format: Journal

Impact source: ISI
Impact index in year of publication: 1.359
Position of publication: 22

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 45



- 134** Forniés, J.; Masdeu, A.M.; Claver, C.; Tejel, C.; Ciriano, M.A.; Cardin, Ch. Structures, Reactivity and Catalytic Activity of Dithiolato-Bridged Hetero bimetallic MRh (M= Pt,Pd) Complexes. 900802 - Organometallics. 21, pp. 2609 - 2618. (United States of America): 2002. ISSN 0276-7333
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 3.215 **Journal in the top 25%:** Yes
Position of publication: 8 **No. of journals in the cat.:** 45
- Impact source:** ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 3.215 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 53
- 135** Diéguez, M.; Pamiés, O.; Ruiz, A.; Claver, C. Modular carbohydrate diphosphite and phosphite-phosphoroamidite ligands for asymmetric Rh-catalyzed hydrosilylation of ketones. 900808 - Tetrahedron Asymmetry. 13 - 1, pp. 83 - 86. (United Kingdom): Elsevier Ltd, 2002. ISSN 0957-4166
Type of production: Scientific paper **Format:** Journal
Total no. authors: 4
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.163 **Journal in the top 25%:** No
Position of publication: 15 **No. of journals in the cat.:** 45
- Impact source:** ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.163 **Journal in the top 25%:** No
Position of publication: 20 **No. of journals in the cat.:** 53
- Impact source:** ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 2.163 **Journal in the top 25%:** No
Position of publication: 27 **No. of journals in the cat.:** 95
- 136** Bastero, A.; Ruiz, A.; Claver, C.; Milani, B.; Zangrando, E. Influence of Pyridine-Imidazoline Ligands on the Reactivity of Palladium -Methyl Complexes with Carbon Monoxide. 900802 - Organometallics. 21 - 26, pp. 5820 - 5829. (United States of America): 2002. ISSN 0276-7333
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 3.215 **Journal in the top 25%:** Yes
Position of publication: 8 **No. of journals in the cat.:** 45
- Impact source:** ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 3.215 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 53
- 137** Forniés-Cámer, J.; Masdeu-Bultó, A.M.; Claver, C.; Cardin, C.J. New half-sandwich heterobimetallic CpMPt (M = Rh, Ir) dithiolato bridged complexes. X-ray structure of [(PPh₃)₂Pt(μ-S(CH₂)₂S)RhCl(η⁵-C₅H₅)]BF₄. 900790 - Journal of Organometallic Chemistry. 662 - 1-2, pp. 188 - 191. (Switzerland): 2002. ISSN 0022-328X
Type of production: Scientific paper **Format:** Journal
Total no. authors: 4
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 1.901 **Journal in the top 25%:** No
Position of publication: 17 **No. of journals in the cat.:** 45



Impact source: ISI
Impact index in year of publication: 1.901
Position of publication: 25

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 53

- 138** Stoccoro, S.; Aleso, G.; Cinellu, M.A.; Minghetti, G.; Zucca, A.; Bastero, A.; Claver, C.; Manassero, M. New complexes of palladium(II) with chelating heterocyclic nitrogen ligands. Characterization and catalytic activity in CO-styrene copolymerization. Crystal structure of [Pd(bipy)(2)][BAr'(4)](2), Ar' = [3,5-(CF₃)₂C₆H₃]. 900790 - Journal of Organometallic Chemistry. 664 - 1-2, pp. 77 - 84. (Switzerland): 2002. ISSN 0022-328X

Type of production: Scientific paper
Total no. authors: 8

Format: Journal

Impact source: ISI
Impact index in year of publication: 1.901
Position of publication: 17

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 45

Impact source: ISI
Impact index in year of publication: 1.901
Position of publication: 25

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 53

- 139** A. Aghmiz; A. M. Masdeu-Bultó; C. Claver; D. Sinou. Rhodium catalysed asymmetric hydroformylation of vinyl arenes with chiral P,N-ligands based on DIOP skeleton. 908997 - Journal of Molecular Catalysis A-Chemical. 184 - 1-2, pp. 111 - 119. (Holland): 2002. ISSN 1381-1169

Type of production: Scientific paper

Format: Journal

Impact source: ISI
Impact index in year of publication: 1.729
Position of publication: 37

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 95

- 140** Dieguez, M.; Pamies, O.; Ruiz, A.; Claver, C. Asymmetric hydroformylation of styrene catalyzed by carbohydrate diphosphite-Rh(I) complexes. 900672 - New Journal of Chemistry. 26, pp. 827 - 833. (United Kingdom): 2002. ISSN 1144-0546

DOI: <https://doi.org/10.1039/B200669C>

Type of production: Scientific paper

Format: Journal

Position of signature: 4

Total no. authors: 4

Impact source: ISI
Impact index in year of publication: 2.06
Position of publication: 23

Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 119

- 141** Bastero, A.; Ruiz, A.; Reina, J.A.; Claver, C.; Guerrero, A.M.; Jalon, F.A.; Manzano, B.R. New catalysts for the alternating copolymerization of 4-tert-butylstyrene/CO. 900790 - Journal of Organometallic Chemistry. 619 - 1-2, pp. 287 - 292. (Switzerland): 2001. ISSN 0022-328X

Type of production: Scientific paper

Format: Journal

Total no. authors: 7

Impact source: ISI
Impact index in year of publication: 1.803
Position of publication: 15

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 42

Impact source: ISI
Impact index in year of publication: 1.803
Position of publication: 21

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 51



- 142** del Rio, I.; Van Leeuwen, P.W.N.M.; Claver, C. Study of the hydroformylation of 2,5-dihydrofuran catalyzed by rhodium diphosphine complexes. 900633 - Canadian Journal of Chemistry-*Revue Canadienne de Chimie*. 79 - 5-6, pp. 560 - 565. (Canada): 2001. ISSN 0008-4042
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 1.144
Position of publication: 37
Format: Journal
Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: No
No. of journals in the cat.: 118
- 143** Claver, C.; Fernández, E.; Margalef-Català, R.; Medina, F.; Salagre, P.; Sueiras, J.E. Studies on the characterization of several iridium- and rhodium-clay catalysts and their activity in imine hydrogenation. 900833 - *Journal of Catalysis*. 201 - 1, pp. 70 - 79. (United States of America): 2001. ISSN 0021-9517
Type of production: Scientific paper
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 3.293
Position of publication: 17
Format: Journal
Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: Yes
No. of journals in the cat.: 93
Impact source: ISI
Impact index in year of publication: 3.293
Position of publication: 2
Category: ENGINEERING, CHEMICAL
Journal in the top 25%: Yes
No. of journals in the cat.: 123
- 144** del Rio, I.; de Lange, W.G.; van Leeuwen, P.W.N.M.; Claver, C. In situ study of diphosphines rhodium systems in asymmetric hydroformylation of styrene. 900763 - *Journal of the Chemical Society-Dalton Transactions*. pp. 1293 - 1300. (United Kingdom): 2001. ISSN 1472-7773
Type of production: Scientific paper
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 2.82
Position of publication: 10
Format: Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 42
- 145** Dieguez, M.; Pàmies, O.; Ruiz, A.; Castillón, S.; Claver, C. Chiral diphosphites derived from D-glucose: New ligands for the asymmetric catalytic hydroformylation of vinyl arenes. 908895 - *Chemistry-A European Journal*. 7 - 14, pp. 3086 - 3094. (Germany): 2001. ISSN 0947-6539
Type of production: Scientific paper
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 4.614
Position of publication: 7
Format: Journal
Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 118
- 146** Bastero, A.; Ruiz, A.; Claver, C.; Castillón, S. New pyridine-imidazoline ligands for palladium-catalyzed copolymerization of carbon monoxide and styrene. 910604 - *European Journal of Inorganic Chemistry*. 12, pp. 3009 - 3011. (Germany): 2001. ISSN 1434-1948
Type of production: Scientific paper
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 2.475
Position of publication: 12
Format: Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 42

- 147** Jansat, S.; Gomez, M.; Muller, G.; Dieguez, M.; Aghmiz, A.; Claver, C.; Masdeu-Bulto, A.M.; Flores-Santos, L.; Martin, E.; Maestro, M.A.; Mahia, J. Chiral S,S-donor ligands in palladium-catalysed allylic alkylation. 900808 - Tetrahedron Asymmetry. 12 - 10, pp. 1469 - 1474. (United Kingdom): Elsevier Ltd, 2001. ISSN 0957-4166
Type of production: Scientific paper **Format:** Journal
Total no. authors: 11
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.265 **Journal in the top 25%:** No
Position of publication: 14 **No. of journals in the cat.:** 42
- Impact source:** ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.265 **Journal in the top 25%:** No
Position of publication: 15 **No. of journals in the cat.:** 51
- Impact source:** ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 2.265 **Journal in the top 25%:** No
Position of publication: 26 **No. of journals in the cat.:** 93
- 148** Dieguez, M.; Ruiz, A.; Claver, C. Chiral furanoside phosphite-phosphoroamidites: new ligands for asymmetric catalytic hydroformylation. 900808 - Tetrahedron Asymmetry. 12 - 20, pp. 2827 - 2834. (United Kingdom): Elsevier Ltd, 2001. ISSN 0957-4166
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.265 **Journal in the top 25%:** No
Position of publication: 14 **No. of journals in the cat.:** 42
- Impact source:** ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.265 **Journal in the top 25%:** No
Position of publication: 15 **No. of journals in the cat.:** 51
- Impact source:** ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 2.265 **Journal in the top 25%:** No
Position of publication: 26 **No. of journals in the cat.:** 93
- 149** Dieguez, M.; Ruiz, A.; Claver, C. New chiral amino-phosphite and phosphite-phosphoroamidite ligands for the copper-catalyzed asymmetric 1,4-addition of diethylzinc to cyclohexenone. 900808 - Tetrahedron Asymmetry. 12 - 20, pp. 2861 - 2866. (United Kingdom): Elsevier Ltd, 2001. ISSN 0957-4166
Type of production: Scientific paper **Format:** Journal
Total no. authors: 3
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.265 **Journal in the top 25%:** No
Position of publication: 14 **No. of journals in the cat.:** 42
- Impact source:** ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.265 **Journal in the top 25%:** No
Position of publication: 15 **No. of journals in the cat.:** 51
- Impact source:** ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 2.265 **Journal in the top 25%:** No
Position of publication: 26 **No. of journals in the cat.:** 93

- 150** Flores-Santos, L.; Martín, E.; Diéguez, M.; Masdeu-Bultó, A.M.; Claver, C. Novel Chiral Dithioethers Containing a L-Tartaric Backbone. 900808 - Tetrahedron Asymmetry. 12 - 21, pp. 3029 - 3034. (United Kingdom): Elsevier Ltd, 2001. ISSN 0957-4166
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.265 **Journal in the top 25%:** No
Position of publication: 14 **No. of journals in the cat.:** 42
- Impact source:** ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.265 **Journal in the top 25%:** No
Position of publication: 15 **No. of journals in the cat.:** 51
- Impact source:** ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 2.265 **Journal in the top 25%:** No
Position of publication: 26 **No. of journals in the cat.:** 93
- 151** Segarra, A.M.; Guerrero, R.; Claver, C.; Fernandez, E. An unprecedented recyclable catalyst system for asymmetric hydroboration. 909184 - Chemical Communications. 18, pp. 1808 - 1809. (United Kingdom): 2001. ISSN 1359-7345
Type of production: Scientific paper **Format:** Journal
Total no. authors: 4
Impact source: ISI **Category:** CHEMISTRY, MULTIDISCIPLINARY
Impact index in year of publication: 3.902 **Journal in the top 25%:** Yes
Position of publication: 11 **No. of journals in the cat.:** 118
- 152** Pamies, O.; Dieguez, M.; Net, G.; Ruiz, A.; Claver, C. Highly Enantioselective Rh-catalyzed Hydrogenation Based on Phosphine-Phosphite Ligands derived from Carbohydrates. 900789 - Journal of Organic Chemistry. 66, pp. 8364 - 8369. (United States of America): 2001. ISSN 0022-3263
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 3.28 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 51
- 153** Pamies, O.; van Strijdonck, G.P.F.; Deerenberg, S.; Diéguez, M.; Net, G.; Ruiz, A.; Claver, C.; Kamer, P.C.J.; van Leeuwen, P.W.N.M. Modular furanoside phosphite ligands for asymmetric Pd-catalyzed allylic substitution. 900789 - Journal of Organic Chemistry. 66 - 26, pp. 8867 - 8871. (United States of America): 2001. ISSN 0022-3263
Type of production: Scientific paper **Format:** Journal
Total no. authors: 9
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 3.28 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 51
- 154** Deerenberg, S.; Pamies, O.; Dieguez, M.; Claver, C.; Kamer, P.C.J.; van Leeuwen, P.W.N.M. Chiral phosphine-phosphite ligands in the highly enantioselective rhodium-catalyzed asymmetric hydrogenation. 900789 - Journal of Organic Chemistry. 66 - 23, pp. 7626 - 7631. (United States of America): 2001. ISSN 0022-3263
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI **Category:** CHEMISTRY, ORGANIC



Impact index in year of publication: 3.28
Position of publication: 7

Journal in the top 25%: Yes
No. of journals in the cat.: 51

- 155** Gomis, A.; Net, G.; Ruiz, A.; Claver C.; Alvarez-Larena, A. Rh(I) and Ir(I) dithioether complexes and their application in the hydrogenation of olefins. 900754 - Inorganica Chimica Acta. 325 - 1-2, pp. 58 - 64. (Switzerland): 2001. ISSN 0020-1693

Type of production: Scientific paper
Total no. authors: 5

Format: Journal

Impact source: ISI
Impact index in year of publication: 1.394
Position of publication: 18

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 42

- 156** Diéguez, M.; Ruiz, A.; Claver, C. Chiral phosphite-phosphoramidites: a new class of ligand for asymmetric catalytic hydrogenation. 909184 - Chemical Communications. 24, pp. 2702 - 2703. (United Kingdom): 2001. ISSN 1359-7345

Type of production: Scientific paper
Total no. authors: 3

Format: Journal

Impact source: ISI
Impact index in year of publication: 3.902
Position of publication: 11

Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 118

- 157** Dieguez, M.; Jansat, S.; Gomez, M.; Ruiz, A.; Muller, G.; Claver, C. Diphosphites as a promising new class of ligands in Pd-catalysed asymmetric allylic alkylation. 909184 - Chemical Communications. 12, pp. 1132 - 1133. (United Kingdom): 2001. ISSN 1359-7345

Type of production: Scientific paper
Total no. authors: 6

Format: Journal

Impact source: ISI
Impact index in year of publication: 3.902
Position of publication: 11

Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 118

- 158** Diéguez, M.; Pamiés, O.; Net, G.; Ruiz, A.; Claver, C. Furanoside diphosphines derived from D-(+)-xylose and D-(+)-glucose as ligands in rhodium-catalysed asymmetric hydroformylation reactions. 900808 - Tetrahedron Asymmetry. 12 - 4, pp. 651 - 656. (United Kingdom): Elsevier Ltd, 2001. ISSN 0957-4166

Type of production: Scientific paper
Total no. authors: 5

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.265
Position of publication: 14

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 42

Impact source: ISI
Impact index in year of publication: 2.265
Position of publication: 15

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 51

Impact source: ISI
Impact index in year of publication: 2.265
Position of publication: 26

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 93

- 159** Diéguez, M.; Ruiz, A.; Claver, C. Chiral Diphosphites derived from D-glucose in the copper-catalyzed conjugate addition of diethylzinc to cyclohexenone. 900808 - Tetrahedron Asymmetry. 12 - 20, pp. 2895 - 2900. (United Kingdom): Elsevier Ltd, 2001. ISSN 0957-4166



Type of production: Scientific paper
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 2.265
Position of publication: 14

Impact source: ISI
Impact index in year of publication: 2.265
Position of publication: 15

Impact source: ISI
Impact index in year of publication: 2.265
Position of publication: 26

Format: Journal

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 42

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 51

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 93

- 160** Diéguez, M.; Pamiés, O.; Ruiz, A.; Claver, C. Synthesis and structural studies of rhodium(I)-catalytic precursors containing two furanoside diphosphines. 900790 - Journal of Organometallic Chemistry. 629 - 1-2, pp. 77 - 82. (Switzerland): 2001. ISSN 0022-328X

Type of production: Scientific paper
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 1.803
Position of publication: 15

Format: Journal

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 42

Impact source: ISI
Impact index in year of publication: 1.803
Position of publication: 21

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 51

- 161** Pàmies, O.; Net, G.; Ruiz, A.; Claver, C. Diphosphite ligands based on ribose backbone as suitable ligands in the hydrogenation and hydroformylation of prochiral olefins. 900808 - Tetrahedron Asymmetry. 11, pp. 1097 - 1108. (United Kingdom): Elsevier Ltd, 2000. ISSN 0957-4166

Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 2.797
Position of publication: 9

Format: Journal

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 38

Impact source: ISI
Impact index in year of publication: 2.797
Position of publication: 9

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 48

Impact source: ISI
Impact index in year of publication: 2.797
Position of publication: 17

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: Yes
No. of journals in the cat.: 91

- 162** del Rio, I.; Ruiz, N.; Claver, C. Regioselectivity in Hydrocarbonylation of styrene with Pd systems. The role of the counter anion. 909947 - Inorganic Chemistry Communications. 3, pp. 166 - 168. (Holland): 2000. ISSN 1387-7003

Type of production: Scientific paper
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 1.09
Position of publication: 21

Format: Journal

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 38



- 163** Pàmies, O.; Net, G.; Ruiz, A.; Claver, C.; Woodward, S. Copper catalysed asymmetric conjugate addition of organometallic reagents to enones using S,O ligands with xylofuranose backbone. 900808 - Tetrahedron Asymmetry. 11, pp. 871 - 877. (United Kingdom): Elsevier Ltd, 2000. ISSN 0957-4166
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.797 **Journal in the top 25%:** Yes
Position of publication: 9 **No. of journals in the cat.:** 38
- Impact source:** ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.797 **Journal in the top 25%:** Yes
Position of publication: 9 **No. of journals in the cat.:** 48
- Impact source:** ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 2.797 **Journal in the top 25%:** Yes
Position of publication: 17 **No. of journals in the cat.:** 91
- 164** Margalef-Català, R.; Claver, C.; Salagre, P.; Fernández, E. Heterogenised iridium complexes for the asymmetric hydrogenation of imines. 900808 - Tetrahedron Asymmetry. 11 - 7, pp. 1469 - 1476. (United Kingdom): Elsevier Ltd, 2000. ISSN 0957-4166
Type of production: Scientific paper **Format:** Journal
Total no. authors: 4 **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact source: ISI **Journal in the top 25%:** Yes
Impact index in year of publication: 2.797 **No. of journals in the cat.:** 38
- Impact source:** ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.797 **Journal in the top 25%:** Yes
Position of publication: 9 **No. of journals in the cat.:** 48
- Impact source:** ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 2.797 **Journal in the top 25%:** Yes
Position of publication: 17 **No. of journals in the cat.:** 91
- 165** Pàmies, O.; Diéguez, M.; Net, G.; Ruiz, A.; Claver, C. Synthesis and coordination chemistry of novel chiral P,S-Ligands with a xylofuranose backbone: Use in Asymmetric Hydroformylation and Hydrogenation. 900802 - Organometallics. 19, pp. 1488 - 1496. (United States of America): 2000. ISSN 0276-7333
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 3.169 **Journal in the top 25%:** Yes
Position of publication: 6 **No. of journals in the cat.:** 38
- Impact source:** ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 3.169 **Journal in the top 25%:** Yes
Position of publication: 8 **No. of journals in the cat.:** 48
- 166** Claver, C.; Fernandez, E.; Gillon, A.; Heslop, K.; Hyett, D.J.; Martorell, A.; Orpen, A.G.; Pringle, P.G. Biarylphosphonites: a class of monodentate phosphorus(III) ligands that outperform their chelating analogues in asymmetric hydrogenation catalysis. 909184 - Chemical Communications. 11, pp. 961 - 962. (United Kingdom): 2000. ISSN 1359-7345
Type of production: Scientific paper **Format:** Journal
Total no. authors: 8 **Category:** CHEMISTRY, MULTIDISCIPLINARY
Impact source: ISI



Impact index in year of publication: 3.695
Position of publication: 11

Journal in the top 25%: Yes
No. of journals in the cat.: 118

- 167** Uriz, P.; Fernández, E.; Ruiz, N.; Claver C. Asymmetric hydroformylation of vinylarenes with rhodium diphosphite catalyst. 909947 - Inorganic Chemistry Communications. 3, pp. 515 - 519. (Holland): 2000. ISSN 1387-7003

Type of production: Scientific paper

Format: Journal

Total no. authors: 4

Impact source: ISI

Category: CHEMISTRY, INORGANIC & NUCLEAR

Impact index in year of publication: 1.09

Journal in the top 25%: No

Position of publication: 21

No. of journals in the cat.: 38

- 168** Martorell, A.; Claver, C.; Fernández, E. The influence of chiral phosphite and phosphonite ligands on the hydrogenation of imines with rhodium and iridium complexes. 909947 - Inorganic Chemistry Communications. 3, pp. 132 - 135. (Holland): 2000. ISSN 1387-7003

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: CHEMISTRY, INORGANIC & NUCLEAR

Impact index in year of publication: 1.09

Journal in the top 25%: No

Position of publication: 21

No. of journals in the cat.: 38

- 169** Margalef-Catala, R.; Fernandez, E.; Salagre, P.; Claver, C. Functionalization of amines by a 'One Pot-Solvent Free' reductive alkylation with a recyclable catalyst. 900807 - Tetrahedron Letters. 41, pp. 6583 - 6588. (United Kingdom): 2000. ISSN 0040-4039

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: CHEMISTRY, ORGANIC

Impact index in year of publication: 2.558

Journal in the top 25%: No

Position of publication: 13

No. of journals in the cat.: 48

- 170** Pàmies, O.; Net, G.; Ruiz, A.; Claver, C. Chiral diphosphites as Ligands for the rhodium- and iridium-catalysed asymmetric hydrogenation: Precatalyst complexes, intermediates and kinetics of the reaction. 910604 - European Journal of Inorganic Chemistry. pp. 1287 - 1294. (Germany): 2000. ISSN 1434-1948

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: CHEMISTRY, INORGANIC & NUCLEAR

Impact index in year of publication: 2.222

Journal in the top 25%: No

Position of publication: 12

No. of journals in the cat.: 38

- 171** Pàmies, O.; Net, G.; Ruiz, A.; Claver, C. A new diphosphane derived from carbohydrates as an effective ligand for asymmetric hydrogenation. 910604 - European Journal of Inorganic Chemistry. pp. 2011 - 2016. (Germany): 2000. ISSN 1434-1948

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: CHEMISTRY, INORGANIC & NUCLEAR

Impact index in year of publication: 2.222

Journal in the top 25%: No

Position of publication: 12

No. of journals in the cat.: 38

- 172** Diéguez, M.; Pàmies, O.; Net, G.; Ruiz, A.; Castellón, S.; Claver, C. Novel diphosphite derived from glucose-furanose provides high regio and enantioselectivity in Rh catalysed hydroformylation of vinyl arenes. 909184 - Chemical Communications. pp. 1607 - 1608. (United Kingdom): 2000. ISSN 1359-7345

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: CHEMISTRY, MULTIDISCIPLINARY



Impact index in year of publication: 3.695
Position of publication: 11

Journal in the top 25%: Yes
No. of journals in the cat.: 118

- 173** del Río, I.; Ruiz, N.; Claver, C., van der Veen, L. A.; van Leeuwen, P. W. N. M. Hydroxycarbonylation of styrene with palladium catalysts. The influence of the mono- and bidentate phosphorus ligand. 908997 - Journal of Molecular Catalysis A-Chemical. 161, pp. 39 - 48. (Holland): 2000. ISSN 1381-1169

Type of production: Scientific paper
Total no. authors: 5

Format: Journal

Impact source: ISI
Impact index in year of publication: 1.659
Position of publication: 33

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 91

- 174** Del Rio, I.; Pàmies, O.; van Leeuwen, P.W.N.M.; Claver, C. Mechanistic study of the hydroformylation of styrene catalyzed by the rhodium/BDPP. 900790 - Journal of Organometallic Chemistry. 608, pp. 115 - 121. (Switzerland): 2000. ISSN 0022-328X

Type of production: Scientific paper

Format: Journal

Impact source: ISI
Impact index in year of publication: 1.632
Position of publication: 13

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 38

Impact source: ISI
Impact index in year of publication: 1.632
Position of publication: 23

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 48

- 175** Diéguez, M.; Ruíz, A.; Masdeu-Bultó, A. M.; Claver, C. Synthesis and stereochemical study of new complexes of Pd and Pt with chiral dithioether ligands. 900763 - Journal of the Chemical Society-Dalton Transactions. pp. 4154 - 4159. (United Kingdom): 2000. ISSN 1472-7773

Type of production: Scientific paper

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.502
Position of publication: 11

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 38

- 176** Diéguez, M.; Deerenberg, S.; Pàmies, O.; Claver, C. Van Leeuwen; P.W.N.M.; Kamer, P. Copper-catalysed asymmetric 1,4-addition of organometallic reagents to 2-cyclohexenone using novel phosphine-phosphite ligands. 900808 - Tetrahedron Asymmetry. 11 - 15, pp. 3161 - 3166. (United Kingdom): Elsevier Ltd, 2000. ISSN 0957-4166

Type of production: Scientific paper
Total no. authors: 6

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.797
Position of publication: 9

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 38

Impact source: ISI
Impact index in year of publication: 2.797
Position of publication: 9

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 48

Impact source: ISI
Impact index in year of publication: 2.797
Position of publication: 17

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: Yes
No. of journals in the cat.: 91



- 177** Pàmies, O.; Diéguez, M.; Net, G.; Ruiz, A.; Claver, C. Highly active and enantioselective copper-catalysed conjugate addition of diethylzinc to cyclohexanone using sugar derivative diphosphites. 900808 - Tetrahedron Asymmetry. 11, pp. 4377 - 4383. (United Kingdom): Elsevier Ltd, 2000. ISSN 0957-4166
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 2.797
Position of publication: 9
Format: Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 38
- Impact source:** ISI
Impact index in year of publication: 2.797
Position of publication: 9
Category: CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 48
- Impact source:** ISI
Impact index in year of publication: 2.797
Position of publication: 17
Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: Yes
No. of journals in the cat.: 91
- 178** Pàmies, O.; Diéguez, M.; Net, G.; Ruiz, A.; Claver, C. Phosphine-phosphite a new class of auxiliaries in highly active and enantioselective hydrogenation. 909184 - Chemical Communications. pp. 2383 - 2384. (United Kingdom): 2000. ISSN 1359-7345
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 3.695
Position of publication: 11
Format: Journal
Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 118
- 179** Pàmies, O.; Ruiz, A.; Net, G.; Claver, C.; Kalchauer, H.; Widhalm, M. Asymmetric allylic substitution reactions with a Xylophos-Pd Catalyst. 900671 - Monatshefte für Chemie. pp. 1173 - 1179. (Austria): 2000. ISSN 0026-9247
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 0.783
Position of publication: 55
Format: Journal
Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: No
No. of journals in the cat.: 118
- 180** Diéguez, M.; Pàmies, O.; Ruiz, A.; Castellón, S.; Claver, C. Synthesis of novel diphosphines from D-glucose. Use in asymmetric hydrogenation. 900808 - Tetrahedron Asymmetry. 11, pp. 4701 - 4708. (United Kingdom): Elsevier Ltd, 2000. ISSN 0957-4166
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 2.797
Position of publication: 9
Format: Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 38
- Impact source:** ISI
Impact index in year of publication: 2.797
Position of publication: 9
Category: CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 48
- Impact source:** ISI
Impact index in year of publication: 2.797
Position of publication: 17
Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: Yes
No. of journals in the cat.: 91
- 181** Ruiz, N.; Polo, A.; Castellón, S.; Claver, C. Hydroformylation of allyl ethers. A study of the regioselectivity using rhodium catalysts. 908997 - Journal of Molecular Catalysis A-Chemical. 137, pp. 93 - 100. (Holland): 1999. ISSN 1381-1169
Type of production: Scientific paper
Format: Journal



Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 1.744

Position of publication: 30

Category: CHEMISTRY, PHYSICAL

Journal in the top 25%: No

No. of journals in the cat.: 90

- 182** Forniés-Cámer, J.; Masdeu-Bultó, A.M.; Claver, C. Heterobimetallic M₂Lr (M=Pt or Pd) dithiolato bridge complexes. 909947 - Inorganic Chemistry Communications. 2/3, pp. 89 - 92. (Holland): 1999. ISSN 1387-7003

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: CHEMISTRY, INORGANIC & NUCLEAR

Impact index in year of publication: 0.93

Journal in the top 25%: No

Position of publication: 23

No. of journals in the cat.: 37

- 183** Fernández, E.; Ruiz, A.; Claver, C.; Castellón, S.; Chaloner, P.A.; Hitchcock, P.B. The synthesis and single-crystal X-ray structure of the first mononuclear iridium carbonyl hydride with two orthometallated phosphite ligands cis-[IrHCOP(O-o-tBuC₆H₃)(O-o-tBuC₆H₄)₂]₂. 909947 - Inorganic Chemistry Communications. 2, pp. 21 - 24. (Holland): 1999. ISSN 1387-7003

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: CHEMISTRY, INORGANIC & NUCLEAR

Impact index in year of publication: 0.93

Journal in the top 25%: No

Position of publication: 23

No. of journals in the cat.: 37

- 184** Ruiz, N.; Del Rio, I.; Jiménez, J.L.; Claver, C.; Forniés-Cámer, J.; Cardin, C.J.; Gladiali, S. High-branched selectivity in the palladium-catalysed alkoxy carbonylation of styrene in the presence of thiol-thioether atropisomeric ligands. 908997 - Journal of Molecular Catalysis A-Chemical. 143, pp. 171 - 180. (Holland): 1999. ISSN 1381-1169

Type of production: Scientific paper

Format: Journal

Total no. authors: 7

Impact source: ISI

Category: CHEMISTRY, PHYSICAL

Impact index in year of publication: 1.744

Journal in the top 25%: No

Position of publication: 30

No. of journals in the cat.: 90

- 185** Miquel Serrano, M.D.; Masdeu-Bultó, A.M.; Claver, C.; Sinou, D. Asymmetric hydroformylation of styrene with rhodium complexes of sulphonated diphosphines in aqueous systems. 907597 - Journal of Molecular Catalysis. 143, pp. 49 - 55. (Holland): 1999. ISSN 0304-5102

Type of production: Scientific paper

Format: Journal

- 186** Diéguez, M.; Pereira, M.M.; Masdeu-Bultó, A.M.; Claver, C.; Bayón, J.C. Rhodium-diphosphine catalyst for the hydroformylation of styrene: the influence of the excess of ligands and the chelate ring size on the reaction selectivity. 908997 - Journal of Molecular Catalysis A-Chemical. 143, pp. 111 - 122. (Holland): 1999. ISSN 1381-1169

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: CHEMISTRY, PHYSICAL

Impact index in year of publication: 1,744

Journal in the top 25%: No

Position of publication: 30

No. of journals in the cat.: 90

- 187** Fernández, E.; Ruiz, A.; Claver, C.; Castellón, S.; Chaloner, P.A.; Hitchcock, P.B. Synthesis and structural determination of the stable dinuclear carbonyl-phosphine rhodium(0) complex (CO)₂(P(O-o-tBuPh)₃)(CO). 909947 - Inorganic Chemistry Communications. 2, pp. 283 - 287. (Holland): 1999. ISSN 1387-7003

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: CHEMISTRY, INORGANIC & NUCLEAR



Impact index in year of publication: 0.93
Position of publication: 23

Journal in the top 25%: No
No. of journals in the cat.: 37

- 188** Casado, M.A.; Pérez-Torrente, J.; Ciriano, M.A.; Oro, L.A.; Orejón, A.; Claver, C. Early-late heterotetranuclear complexes (TiR3) with bridging sulfidoligands: ligand replacement reactions and catalytic activity in hydroformylation of olefins. 900802 - Organometallics. 18, pp. 2107 - 2125. (United States of America): 1999. ISSN 0276-7333

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: CHEMISTRY, INORGANIC & NUCLEAR

Impact index in year of publication: 3.215

Journal in the top 25%: Yes

Position of publication: 8

No. of journals in the cat.: 37

Impact source: ISI

Category: CHEMISTRY, ORGANIC

Impact index in year of publication: 3.215

Journal in the top 25%: Yes

Position of publication: 7

No. of journals in the cat.: 48

- 189** Pàmies, O.; Net, G.; Wiidhalm, M.; Ruiz, A.; Claver, C. Rhodium cationic complexes using macrocyclic diphosphines as chiral ligands. Application in asymmetric hydroformylation. 900790 - Journal of Organometallic Chemistry. 587, pp. 136 - 141. (Switzerland): 1999. ISSN 0022-328X

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: CHEMISTRY, INORGANIC & NUCLEAR

Impact index in year of publication: 1.453

Journal in the top 25%: No

Position of publication: 17

No. of journals in the cat.: 37

Impact source: ISI

Category: CHEMISTRY, ORGANIC

Impact index in year of publication: 1.453

Journal in the top 25%: No

Position of publication: 22

No. of journals in the cat.: 48

- 190** Margalef-Català, R.; Salagre, P.; Fernández, E.; Claver, C. High efficiency and reusability of iridium complexes adsorbed in montmorillonite clay on catalytic hydrogenation of imines. 900819 - Catalysis Letters. 60, pp. 121 - 123. (United States of America): 1999. ISSN 1011-372X

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: CHEMISTRY, PHYSICAL

Impact index in year of publication: 2.051

Journal in the top 25%: No

Position of publication: 26

No. of journals in the cat.: 90

- 191** Pàmies, O.; Net, G.; Ruiz, A.; Bo, C.; Poblet, J.M.; Claver, C. Synthesis of Rh(I) and Ir(I) metal complexes with the first two chiral dithiolate ligands derived from carbohydrates. 900790 - Journal of Organometallic Chemistry. 586, pp. 125 - 137. (Switzerland): 1999. ISSN 0022-328X

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: CHEMISTRY, INORGANIC & NUCLEAR

Impact index in year of publication: 1.453

Journal in the top 25%: No

Position of publication: 17

No. of journals in the cat.: 37

Impact source: ISI

Category: CHEMISTRY, ORGANIC

Impact index in year of publication: 1.453

Journal in the top 25%: No

Position of publication: 22

No. of journals in the cat.: 48



- 192** Pàmies, O.; Ruiz, A.; Net, G.; Claver, C. Enantioselective copper-catalyzed 1,4-addition of diethylzinc to cyclohexenone using chiral diphosphite ligands. 900808 - Tetrahedron Asymmetry. 10, pp. 2007 - 2014. (United Kingdom): Elsevier Ltd, 1999. ISSN 0957-4166
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 2.647
Position of publication: 10
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 37
- Impact source:** ISI
Impact index in year of publication: 2.647
Position of publication: 12
- Category:** CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 48
- Impact source:** ISI
Impact index in year of publication: 2.647
Position of publication: 19
- Category:** CHEMISTRY, PHYSICAL
Journal in the top 25%: Yes
No. of journals in the cat.: 90
- 193** Pamies, O.; Diéguez, M.; Net, G.; Ruiz, A.; Claver, C. Iridium complexes containing the first sugar dithioether ligands. Application as catalyst precursors in asymmetric hydrogenation. 900763 - Journal of the Chemical Society-Dalton Transactions. pp. 3439 - 3444. (United Kingdom): 1999. ISSN 1472-7773
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 2.31
Position of publication: 12
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 37
- 194** Diéguez, M.; Ruiz, A.; Claver, C.; Pereira, M.M.; Flor, M.T.; Bayón, J.C.; Serra, M.E.S.; d'A. Rocha Gonsalves, A.M. Synthesis, reactivity and catalytic properties of rhodium complexes of (R,R)-1-benzyl-3,4-dithioetherpyrrolidines. 900754 - Inorganica Chimica Acta. 295, pp. 64 - 70. (Switzerland): 1999. ISSN 0020-1693
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 1.295
Position of publication: 18
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 37
- 195** Miquel-Serrano, M Dolores; Aghmiz, Ali; Dieguez, Montserrat; Masdeu-Bulto, Anna Maria; Claver, C; Sinou, Denis. Recoverable chiral palladium ζ sulfonated diphosphine catalysts for the asymmetric hydrocarboxylation of vinyl arenes. 900808 - Tetrahedron Asymmetry. 10 - 23, pp. 4463 - 4467. (United Kingdom): Elsevier Ltd, 1999. Available on-line at: <[http://dx.doi.org/10.1016/S0957-4166\(99\)00522-4](http://dx.doi.org/10.1016/S0957-4166(99)00522-4)>. ISSN 0957-4166
DOI: [https://doi.org/10.1016/S0957-4166\(99\)00522-4](https://doi.org/10.1016/S0957-4166(99)00522-4)
- Type of production:** Scientific paper
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 2.647
Position of publication: 10
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 37
- Impact source:** ISI
Impact index in year of publication: 2.647
Position of publication: 12
- Category:** CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 48
- Impact source:** ISI
Impact index in year of publication: 2.647
Position of publication: 19
- Category:** CHEMISTRY, PHYSICAL
Journal in the top 25%: Yes
No. of journals in the cat.: 90



- 196** Diéguez, M.; Claver, C.; Masdeu-Bultó, M.A.; Ruiz, A.; P.W.N.M. van Leewen, Schoemaker, G.C. High-pressure infrared studies of rhodium complexes containing thiolate bridge ligands under hydroformylation conditions. 900802 - Organometallics. 18, pp. 2107 - 2115. (United States of America): 1999. ISSN 0276-7333
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 3.215
Position of publication: 8
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 37
- Impact source:** ISI
Impact index in year of publication: 3.215
Position of publication: 7
- Category:** CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 48
- 197** Fernández, E.; Ruiz, A.; Claver, C.; Castellón S.; Polo, A.; Piniella, J.F.; Alvarez-Larena, A. Regio and stereoselective hydroformylation of Glucal Derivatives with Rhodium Catalysts. 900802 - Organometallics. 17 - 13, pp. 2857 - 2864. (United States of America): 1998. ISSN 0276-7333
- Type of production:** Scientific paper
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 3.471
Position of publication: 5
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 38
- Impact source:** ISI
Impact index in year of publication: 3.471
Position of publication: 6
- Category:** CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 45
- 198** Castellanos-Paez, A.; Castellón Miranda, S.; Claver, C.; Van Leeuwen, P.W.N.M.; de Lange, W.G.J. Diphosphine and dithiolate rhodium complexes: characterization of the species under hydroformylation conditions. 900802 - Organometallics. 17, pp. 2543 - 2552. (United States of America): 1998. ISSN 0276-7333
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 3.471
Position of publication: 5
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 38
- Impact source:** ISI
Impact index in year of publication: 3.471
Position of publication: 6
- Category:** CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 45
- 199** Forniés-Cámer, J.; Masdeu-Bulto, A.M.; Claver, C.; Cardin, C.J. Mononuclear Pt(II) and Pd(II) dithiolate complexes as chelate metalloligands for Preparation of heterobimetallic d8-d8 complexes. 900752 - Inorganic Chemistry. 37, pp. 2626 - 2632. (United States of America): 1998. ISSN 0020-1669
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 2.965
Position of publication: 6
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 38
- 200** Castellanos-Paez, A.; Thayaparan, J.; Castellón Miranda, S.; Claver, C. Reactivity of tetracarbonyl dithiolate bridged rhodium (I) complexes with diphosphines. 900790 - Journal of Organometallic Chemistry. 551, pp. 375 - 375. (Switzerland): 1998. ISSN 0022-328X
- Type of production:** Scientific paper
Format: Journal



Impact source: ISI
Impact index in year of publication: 1.612
Position of publication: 13

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 38

Impact source: ISI
Impact index in year of publication: 1.612
Position of publication: 18

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 45

- 201** Gladiali, S.; Fabbri, D.; Kollàr, L.; Claver, C.; Ruiz, N.; Álvarez-Larena, A.; Piniella, J.F. Synthesis, structure and dynamic behaviour of transition metal chelate complexes with atropisomeric dithioether ligands. 910604 - European Journal of Inorganic Chemistry. 1, pp. 113 - 118. (Germany): 1998. ISSN 1434-1948

Type of production: Scientific paper
Total no. authors: 7

Format: Journal

- 202** Orejón, A.; Masdeu-Bultó, A.M.; Echarri, R.; Diéguez, M.; Forniés-Cámer, J.; Claver, C.; Cardin, C.J. Rhodium cationic complexes using dithioethers as chiral ligands. Application in styrene hydroformylation. 900790 - Journal of Organometallic Chemistry. 559, pp. 23 - 29. (Switzerland): 1998. ISSN 0022-328X

Type of production: Scientific paper

Format: Journal

Impact source: ISI
Impact index in year of publication: 1.612
Position of publication: 13

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 38

Impact source: ISI
Impact index in year of publication: 1.612
Position of publication: 18

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 45

- 203** Fernández, E.; Polo, A.; Ruiz, A.; Claver, C.; Castellón, S. Consecutive catalytic hydroformylation-acetalization of glucal derivatives with rhodium-phosphite and pyridinium toluene-p-sulfonate as catalysts: The influence of protecting groups. 909184 - Chemical Communications. pp. 1803 - 1804. (United Kingdom): 1998. ISSN 1359-7345

Type of production: Scientific paper

Format: Journal

Impact source: ISI
Impact index in year of publication: 3.407
Position of publication: 9

Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 126

- 204** Kruis, D.; Ruiz, N.; Janssen, M.D.; Boersma, J.; Claver, C.; Van Koten, G. Highly selective hydrocarboxylation of styrene with oxalic acid or water using palladium ortho-amino arenethiolates with intramolecular coordinating nitrogen Lewis bases. 909947 - Inorganic Chemistry Communications. 1, pp. 295 - 298. (Holland): 1998. ISSN 1387-7003

Type of production: Scientific paper
Total no. authors: 6

Format: Journal

Impact source: ISI
Impact index in year of publication: 0
Position of publication: 38

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 38

- 205** Diéguez, M.; Ruiz, A.; Claver, C.; Pereira, M.M.; Rocha Gonsalves, A.M.A. Iridium complexes with new 1,2-dithioether chiral ligands containing a rigid cyclic backbone. Application in homogeneous catalytic asymmetric hydrogenation. 900763 - Journal of the Chemical Society-Dalton Transactions. pp. 3517 - 3522. (United Kingdom): 1998. ISSN 1472-7773

Type of production: Scientific paper

Format: Journal



Impact source: ISI
Impact index in year of publication: 2.507
Position of publication: 9

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 38

- 206** Orejón, A.; Claver, C.; Oro, L.; Elduque, A.; Pinillos, M.T. Hydroformylation of styrene using thiolato-pyrazolate bridge rhodium catalyst modified with phosphorus ligand. 908997 - Journal of Molecular Catalysis A-Chemical. 136, pp. 279 - 284. (Holland): 1998. ISSN 1381-1169

Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 1.657
Position of publication: 37

Format: Journal
Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 92

- 207** Castellanos-Páez, A.; Castellón Miranda, S.; Claver, C. Synthesis of rhodium (I) complexes with the new dithiol chiral ligand (+)-trans-2,3 bis (mercaptomethyl)-bicyclo [2.2.2]octane (H2BCO). Their application as catalyst precursors in styrene hydroformylation. 900790 - Journal of Organometallic Chemistry. 539, pp. 1 - 7. (Switzerland): 1997. ISSN 0022-328X

Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 1.724
Position of publication: 11

Format: Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 36

Impact source: ISI
Impact index in year of publication: 1.724
Position of publication: 16

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 43

- 208** Andrade, J.; García, J.J.; Torrens, H.; del Rio, F.; Claver, C.; Ruiz, N. Iridium and Rhodium perfluorobenzenethiolato complexes. Syntheses and catalytic behavior. 900754 - Inorganica Chimica Acta. 255, pp. 389 - 393. (Switzerland): 1997. ISSN 0020-1693

Type of production: Scientific paper
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 1.202
Position of publication: 15

Format: Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 36

- 209** Echarri, R.; Matheu, M.I.; Claver, C.; Castellón, S.; Álvarez-Larena, A.; Piniella, J.F. A New Reaction of Tetrabutylammonium Camphorsulphonate with P4S10. Synthesis and Crystal Structure of the First Chiral Tetrathiophosphate Derivative. 900807 - Tetrahedron Letters. 38 - 36, pp. 6457 - 6460. (United Kingdom): 1997. ISSN 0040-4039

Type of production: Scientific paper
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 2.5
Position of publication: 7

Format: Journal
Category: CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 43

- 210** Diéguez, M.; Orejón, A.; Masdeu-Bultó, A.; Echarri, R.; Castellón Miranda, S.; Claver, C.; Ruiz, A. Synthesis and reactivity of cationic iridium(I) complexes of cycloocta-1,5-diene and chiral dithioether ligands. Application as catalyst precursors in asymmetric hydrogenation. 900763 - Journal of the Chemical Society-Dalton Transactions. pp. 4611 - 4618. (United Kingdom): 1997. ISSN 1472-7773

Type of production: Scientific paper
Format: Journal



Impact source: ISI
Impact index in year of publication: 2.251
Position of publication: 10

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 36

- 211** Ruiz, N.; Aaliti, A.; Forniés Cámer, J.; Ruiz, A.; Claver, C.; Cardin, C.J.; Fabbri, D.; Gladiali, S. Metal complexes with atropisomeric sulfur ligands in asymmetric hydroformylation. X-ray structure of $[\text{Rh}_2(\mu\text{-biphes})(\text{COD})_2](\text{H}_2\text{biphes}=\text{4,4'-(biphenanthrene-3,3'-dithiol)})$. 900790 - Journal of Organometallic Chemistry. 545-546, pp. 79 - 87. (Switzerland): 1997. ISSN 0022-328X

Type of production: Scientific paper
Total no. authors: 8

Format: Journal

Impact source: ISI
Impact index in year of publication: 1.724
Position of publication: 11

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 36

Impact source: ISI
Impact index in year of publication: 1.724
Position of publication: 16

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 43

- 212** Forniés-Cámer, J.; Aaliti, A.; Ruiz, N.; Masdeu-Bultó, A.M.; Claver, C.; Cardin, C.J. Mononuclear Pt(II) and Pd(II) 1,4-dithiolato complexes. Crystal structures of $[\text{Pt}((-)\text{-DIOS})(\text{PPh}_3)_2]$ and $[\text{Pd}(\text{S}(\text{CH}_2)_4\text{S})(\text{Ph}_2\text{P}(\text{CH}_2)_3\text{PPh}_2)]$. Application in Styrene Hydroformylation. 900790 - Journal of Organometallic Chemistry. 530, pp. 199 - 209. (Switzerland): 1997. ISSN 0022-328X

Type of production: Scientific paper
Total no. authors: 6

Format: Journal

Impact source: ISI
Impact index in year of publication: 1.724
Position of publication: 11

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 36

Impact source: ISI
Impact index in year of publication: 1.724
Position of publication: 16

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 43

- 213** Ruiz, N.; Castellón, S.; Ruiz, A.; Claver, C.; Aaliti, A.; Alvarez-Larena, A.; Piniella, J.F.; Germain, G. Synthesis and characterization of rhodium complexes containing atropisometric sulphur ligands. X-Ray structure of $[\{\text{Rh}_2(\mu\text{L})(\text{CO})_3(\text{P}(\text{OC}_6\text{H}_4\text{But-O})_3)_2\}(\text{H}_2\text{L}=\text{1,1'-(binaphtholene 2,2-dithiol)})]$. 900763 - Journal of the Chemical Society-Dalton Transactions. pp. 969 - 973. (United Kingdom): 1996. ISSN 1472-7773

Type of production: Scientific paper
Total no. authors: 8

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.2
Position of publication: 10

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 38

- 214** Masdeu Bultó, A.M.; Orejón, A.; Castellanos, A.; Castellón Miranda, S.; Claver, C. Asymmetric hydroformylation of styrene using a rhodium catalyst with BDPP as the chiral ligand. 900808 - Tetrahedron Asymmetry. 7 - 6, pp. 1829 - 1834. (United Kingdom): Elsevier Ltd, 1996. Available on-line at: [http://10.1016/0957-4166\(96\)00218-2](http://10.1016/0957-4166(96)00218-2). ISSN 0957-4166

DOI: [https://doi.org/10.1016/0957-4166\(96\)00218-2](https://doi.org/10.1016/0957-4166(96)00218-2)

Type of production: Scientific paper
Total no. authors: 5

Format: Journal

Impact source: ISI

Category: CHEMISTRY, INORGANIC & NUCLEAR



Impact index in year of publication: 2.382
Position of publication: 9

Impact source: ISI
Impact index in year of publication: 2.382
Position of publication: 9

Impact source: ISI
Impact index in year of publication: 2.382
Position of publication: 20

Journal in the top 25%: Yes
No. of journals in the cat.: 38

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 37

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 77

- 215** Bedford, R.B.; Castellón Miranda, S.; Chaloner, P.A.; Claver, C.; Fernández, E.; Hitchcock, P.B.; Ruiz, A. Iridium complexes of orthometalated triaryl phosphites: synthesis, structure, reactivity and their use as imine hydrogenation catalysts. 900802 - Organometallics. 15, pp. 3990 - 3997. (United States of America): 1996. ISSN 0276-7333

Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 3.134
Position of publication: 7

Impact source: ISI
Impact index in year of publication: 3.134
Position of publication: 6

Format: Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 38

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 37

- 216** Montenegro, E.; Echarri, R.; Claver, C.; Castellón Miranda, S.; Moyano, M.A.; Pericàs, A.; Riera, A. New Camphor-derived sulfur chiral controllers: Synthesis of (2R-exo)-10- methylthio-2-bornanethiol and (2R-exo)-2,10-bis(methylthio)bornane. 900808 - Tetrahedron Asymmetry. 7, pp. 3553 - 3558. (United Kingdom): Elsevier Ltd, 1996. ISSN 0957-4166

Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 2.382
Position of publication: 9

Impact source: ISI
Impact index in year of publication: 2.382
Position of publication: 9

Impact source: ISI
Impact index in year of publication: 2.382
Position of publication: 20

Format: Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 38

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 37

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 77

- 217** Aaliti, A.; Masdeu, A.M.; Ruiz, A.; Claver, C. Preparation of carbonyl phosphine rhodium complexes with dithiolate bridges. Application as catalyst precursors in the hydroformylation of 1-hexene. 900790 - Journal of Organometallic Chemistry. 489 - 1-2, pp. 101 - 106. (Switzerland): 1995. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0022328X9405143Y>>. ISSN 0022-328X

DOI: [https://doi.org/10.1016/0022-328X\(94\)05143-Y](https://doi.org/10.1016/0022-328X(94)05143-Y)

Type of production: Scientific paper
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 1.645
Position of publication: 9

Format: Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 33



Impact source: ISI

Impact index in year of publication: 1.645

Position of publication: 15

Category: CHEMISTRY, ORGANIC

Journal in the top 25%: No

No. of journals in the cat.: 37

- 218** Claver, C.; Ruiz, N.; Lahuerta, P.; Peris, E. Dinuclear Rh (II) complexes in styrene hydroformylation. Enhancement of catalytic activity through orthometalation. 900754 - *Inorganica Chimica Acta*. 233, pp. 161 - 164. (Switzerland): 1995. ISSN 0020-1693

Type of production: Scientific paper

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 1.175

Position of publication: 12

Format: Journal

Category: CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: No

No. of journals in the cat.: 33

- 219** Fernández, E.; Ruíz, A.; Castellón, S.; Claver, C.; Piniella, A.; Álvarez-Larena, A.; Germain, G. Preparation, Structure and Reactivity of Dinuclear Amino-thiolate-bridge Iridium Complexes. 900763 - *Journal of the Chemical Society-Dalton Transactions*. pp. 2137 - 2142. (United Kingdom): 1995. ISSN 1472-7773

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 1.955

Position of publication: 8

Format: Journal

Category: CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: Yes

No. of journals in the cat.: 33

- 220** Masdeu Bultó, A.M.; Orejón, A.; Castellón Miranda, S.; Claver, C. Asymmetric hydroformylation of styrene using dithiolato bridged dirhodium catalyst with BDPP as chiral ligand. 900808 - *Tetrahedron Asymmetry*. 6 - 8, pp. 1885 - 1888. (United Kingdom): Elsevier Ltd, 1995. ISSN 0957-4166

Type of production: Scientific paper

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 2.226

Position of publication: 7

Format: Journal

Category: CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: Yes

No. of journals in the cat.: 33

Impact source: ISI

Impact index in year of publication: 2.226

Position of publication: 9

Category: CHEMISTRY, ORGANIC

Journal in the top 25%: Yes

No. of journals in the cat.: 37

Impact source: ISI

Impact index in year of publication: 2.226

Position of publication: 21

Category: CHEMISTRY, PHYSICAL

Journal in the top 25%: No

No. of journals in the cat.: 76

- 221** Masdeu, A.M.; Orejón, A.; Ruiz, A.; Castellón, S.; Claver, C. New hydroformylation rhodium catalyst with dithiolate chiral ligands. 907597 - *Journal of Molecular Catalysis*. 94, pp. 149 - 156. (Holland): 1994. ISSN 0304-5102

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 1.582

Position of publication: 25

Format: Journal

Category: CHEMISTRY, PHYSICAL

Journal in the top 25%: No

No. of journals in the cat.: 69

- 222** Masdeu, A.M.; Ruiz, A.; Castellón, S.; Claver, C.; Hitchcock, P.B.; Chaloner, P.A.; Bo Jane, C.; Poblet, J.M.; Sarasa, P. New dithiolate bridged rhodium complexes. 900763 - *Journal of the Chemical Society-Dalton Transactions*. pp. 2689 - 2696. (United Kingdom): 1993. ISSN 1472-7773

Type of production: Scientific paper

Format: Journal



Impact source: ISI
Impact index in year of publication: 1.966
Position of publication: 10

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 31

- 223** Adedapo, A.; Benyunes, S.A.; Chaloner, P.A.; Claver, C.; Hitchcock, P.B.; Ruiz, A.; Ruiz, N. Rhodium (I) complexes of 4-t-butylcyclohexyldiaziridine and adamantyldiaziridine: synthesis, structure and catalytic activity. 900790 - Journal of Organometallic Chemistry. 443, pp. 241 - 247. (Switzerland): 1993. ISSN 0022-328X

Type of production: Scientific paper
Total no. authors: 7

Format: Journal

Impact source: ISI
Impact index in year of publication: 1.552
Position of publication: 13

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 31

Impact source: ISI
Impact index in year of publication: 1.552
Position of publication: 14

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 35

- 224** Claver, C.; Castellón, S.; Ruiz, N.; Delogu, G.; Fabbri, D.; Gladiali, S. Asymmetric hydroformylation of styrene by rhodium (I) catalysts with chiral ligands containing sulphur donors. 900667 - Journal of the Chemical Society D-Chemical Communications. 24, pp. 1833 - 1834. (United Kingdom): 1993. ISSN 0022-4936

Type of production: Scientific paper
Total no. authors: 6

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.54
Position of publication: 11

Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 110

- 225** Polo, A.; Fernández, E.; Claver, C.; Castellón, S. Hydroformylation of glucal derivatives with rhodium catalysts. Crucial influence of the auxiliary ligand tris (ortho-tert-butylphenyl) phosphite. 900667 - Journal of the Chemical Society D-Chemical Communications. 8, pp. 639 - 639. (United Kingdom): 1992. Available on-line at: <<http://pubs.rsc.org/en/Content/ArticleLanding/1992/C3/c39920000639>>. ISSN 0022-4936

DOI: <https://doi.org/10.1039/C39920000639>

Type of production: Scientific paper
Total no. authors: 4

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.511
Position of publication: 11

Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 103

- 226** Laghmari, M.; Sinou, D.; Masdeu, A.M.; Claver, C. Chiral sulfonated phosphines. Part VIII. Hydrogenation of dehydropeptides in a two-phase system. 900790 - Journal of Organometallic Chemistry. 438, pp. 213 - 216. (Switzerland): 1992. ISSN 0022-328X

Type of production: Scientific paper

Format: Journal

Impact source: ISI
Impact index in year of publication: 1.476
Position of publication: 10

Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 30

Impact source: ISI
Impact index in year of publication: 1.476
Position of publication: 13

Category: CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 32



- 227** Polo, A.; Claver, C.; Castellón, S.; Ruíz, A.; Bayón, J.C.; Real, J.; Mealli, C.; Masi, D. Regioselective hydroformylation of cyclic vinyl and allyl ethers with rhodium catalysts. Crucial influence of the size of the phosphorous cocatalyst. 900802 - Organometallics. 11, pp. 3525 - 3533. (United States of America): 1992. ISSN 0276-7333
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 2.97
Position of publication: 5
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 30
- Impact source:** ISI
Impact index in year of publication: 2.97
Position of publication: 4
- Category:** CHEMISTRY, ORGANIC
Journal in the top 25%: Yes
No. of journals in the cat.: 32
- 228** Abbassioun, M.; Chaloner, P.A.; Claver, C.; Hitchcock, P.; Masdeu, A.M.; Ruiz, A.; Saballs, T. Rhodium (I) and iridium (I) complexes of bis (diphenylphosphino) methane disulfide. 900790 - Journal of Organometallic Chemistry. 403, pp. 229 - 241. (Switzerland): 1991. ISSN 0022-328X
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 1.539
Position of publication: 10
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 30
- Impact source:** ISI
Impact index in year of publication: 1.539
Position of publication: 9
- Category:** CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 33
- 229** Bayón, J.C.; Real, J.; Esteban, P.; Claver, C.; Polo, A.; Ruiz, A.; Castellón, S. Catalytic hydroformylation of alkenes with cationic dinuclear rhodium complexes and the effect of the counterions. 900790 - Journal of Organometallic Chemistry. 403, pp. 393 - 399. (Switzerland): 1991. ISSN 0022-328X
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 1.539
Position of publication: 10
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 30
- Impact source:** ISI
Impact index in year of publication: 1.539
Position of publication: 9
- Category:** CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 33
- 230** Chaloner, P.A.; Claver, C.; Hitchcock, P.B.; Masdeu, A.M.; Ruiz, A. Orthorhombic crystal form of trans-carbonyl-chloro bis(triphenylphosphine)rhodium (I) dichloromethane solvate. 000013 - Acta Crystallographica. C47, pp. 1307 - 1308. (Denmark): 1991.
- Type of production:** Scientific paper
Format: Journal
- 231** Sinou, D.; Safi, M.; Claver, C.; Masdeu, A.M. Chiral sulphonated phosphines. Part VII. Catalytic transfer-hydrogenation of unsaturated substrates with formates in the presence of water soluble complex of rhodium. 907597 - Journal of Molecular Catalysis. 68, (Holland): 1991. ISSN 0304-5102
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 1.385
Position of publication: 27
- Format:** Journal
Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 63



- 232** Solé, J.; Bo, C.; Claver, C.; Ruiz, A. Influence of different ligands in homogeneous hydrogenation using iridium complexes with thioether ligands. 907597 - Journal of Molecular Catalysis. 61, pp. 163 - 171. (Holland): 1990. ISSN 0304-5102
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 1.152 **Journal in the top 25%:** No
Position of publication: 26 **No. of journals in the cat.:** 55
- 233** Polo, A.; Real, J.; Claver, C.; Castellón Miranda, S.; Bayón, J.C. Low pressure selective hydroformylation of 2,3 and 2,5 -dihydrofuran with a rhodium catalyst. Unexpected influence of the auxiliary ligand tri (ortho-tert-butylphenyl)phosphite. 900667 - Journal of the Chemical Society D-Chemical Communications. pp. 600 - 601. (United Kingdom): 1990. ISSN 0022-4936
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, MULTIDISCIPLINARY
Impact index in year of publication: 2.131 **Journal in the top 25%:** Yes
Position of publication: 10 **No. of journals in the cat.:** 90
- 234** Claver, C.; Ruiz, A.; Masdeu, A.M.; Ruiz, N. Modified precursor systems for the hydroformylation of olefines. 900754 - Inorganica Chimica Acta. 175, pp. 77 - 81. (Switzerland): 1990. ISSN 0020-1693
Type of production: Scientific paper **Format:** Journal
Total no. authors: 4
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 1.196 **Journal in the top 25%:** No
Position of publication: 13 **No. of journals in the cat.:** 29
- 235** Claver, C.; Masdeu, A.M.; Ruiz, N.; Foces-Foces, C.; Cano, F.H.; Apreda, M.C.; Oro, L.A.; García-Alejandre, J.; Torrens, H. Catalytic activity of some fluorothiolate derivatives of rhodium (I). Crystal structure of [Rh(SC₆H₄F)(CO)₂]₂. 900790 - Journal of Organometallic Chemistry. 398, pp. 177 - 186. (Switzerland): 1990. ISSN 0022-328X
Type of production: Scientific paper **Format:** Journal
Total no. authors: 9
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 1.461 **Journal in the top 25%:** No
Position of publication: 10 **No. of journals in the cat.:** 29
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 1.461 **Journal in the top 25%:** No
Position of publication: 11 **No. of journals in the cat.:** 34
- 236** Claver, C.; Ruiz, A.; Masdeu, A.M.; Viñas, J.; Saballs, T.; Lahoz, F.J.; Plou, F.J. Diolefin and carbonyl Rh(I) and Ir (I) complexes with phosphine sulphide ligands. Crystal structure of [Rh(COD)(Et₂P(S)(S)PEt₂)]ClO₄. 900790 - Journal of Organometallic Chemistry. 373, pp. 269 - 278. (Switzerland): 1989. ISSN 0022-328X
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 1.389 **Journal in the top 25%:** No
Position of publication: 11 **No. of journals in the cat.:** 32
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 1.389 **Journal in the top 25%:** No
Position of publication: 12 **No. of journals in the cat.:** 35



- 237** Bayón, J.C.; Real, J.; Claver, C.; Polo, A.; Ruiz, A. Selective hydroformylation with a recoverable dirhodium thiolate complex. 900667 - Journal of the Chemical Society D-Chemical Communications. pp. 1056 - 1057. (United Kingdom): 1989. ISSN 0022-4936
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, MULTIDISCIPLINARY
Impact index in year of publication: 2.223 **Journal in the top 25%:** Yes
Position of publication: 8 **No. of journals in the cat.:** 78
- 238** Claver, C.; Kalck, Ph.; Oro, L.A.; Pinillos, M.T.; Tejel, C. Study of the influence of various azolate bridge ligands on the catalytic activity of dinuclear rhodium (I) precursors on hydroformylation of olefins. 907597 - Journal of Molecular Catalysis. 43, pp. 1 - 7. (Holland): 1988. ISSN 0304-5102
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 1.892 **Journal in the top 25%:** Yes
Position of publication: 11 **No. of journals in the cat.:** 51
- 239** Claver, C.; Kalck, Ph.; Ridmy, M.; Thorez, A.; Oro, L.A.; Pinillos, T.; Apreda, M.C.; Cano, F.; Foces-Foces, C. Synthesis and hydroformylation reaction of dinuclear rhodium (I) complexes with mixed bridging ligands. X-Ray structure of Rh₂(μ-pyrazolato)(μ-SBut)(CO)₂(P(OPh)₃)₂. 900763 - Journal of the Chemical Society-Dalton Transactions. pp. 125 - 128. (United Kingdom): 1988. ISSN 1472-7773
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 1.984 **Journal in the top 25%:** No
Position of publication: 8 **No. of journals in the cat.:** 28
- 240** Bayón, J.C.; Esteban, P.; Real, J.; Claver, C.; Ruiz, A. Cationic dinuclear rhodium complexes as catalyst precursors for the hydroformylation of alkenes. 900763 - Journal of the Chemical Society-Dalton Transactions. pp. 1579 - 1582. (United Kingdom): 1988. ISSN 1472-7773
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 1.984 **Journal in the top 25%:** No
Position of publication: 8 **No. of journals in the cat.:** 28
- 241** Claver, C.; Gili, F.; Viñas, J.; Ruiz, A. Preparation and catalytic activity of cationic rhodium(I) and iridium (I) complexes with phosphine sulphide ligands. 900768 - Polyhedron. 6, pp. 1329 - 1335. (United Kingdom): 1987. ISSN 0277-5387
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 1.042 **Journal in the top 25%:** No
Position of publication: 12 **No. of journals in the cat.:** 30
- 242** Claver, C.; Kalck, Ph.; Fis, J.; Jaud, J. Preparation and characterization of the dimetalloketones complexes Ir₂(μ-Sbut)₂(μ-CO)(CO)₂L₂ Crystal and molecular structure when L=PMe₃. 900752 - Inorganic Chemistry. 26, pp. 3479 - 3482. (United States of America): 1987. ISSN 0020-1669
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.301 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 30



- 243** Claver, C.; Fis, J.; Kalck, Ph.; Burgeois, C.; Demay, C. Use of thiolate bridged dinuclear rhodium complexes to catalyse the hydroformylation of formaldehyde. 000210 - C1 Molecule Chemistry. 2, pp. 25 - 32. (Unknown): 1987.
Type of production: Scientific paper **Format:** Journal
- 244** Rodríguez, J.C.; Claver, C.; Ruiz, A. Dihydroiridium diolefin with sulfur ligands and related complexes. 900790 - Journal of Organometallic Chemistry. 294, pp. 115 - 123. (Switzerland): 1985. ISSN 0022-328X
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 1.576 **Journal in the top 25%:** No
Position of publication: 10 **No. of journals in the cat.:** 31
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 1.576 **Journal in the top 25%:** No
Position of publication: 11 **No. of journals in the cat.:** 34
- 245** Claver, C.; Rodríguez, J.C.; Ruiz, A. Mono and dinuclear cationic rhodium (I) and iridium (I) complexes with sulfur donor and group VB ligands. 900774 - Transition Metal Chemistry. 9, pp. 83 - 87. (Holland): 1984. ISSN 0340-4285
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 0.974 **Journal in the top 25%:** No
Position of publication: 18 **No. of journals in the cat.:** 30
- 246** Ruiz, A.; Rodríguez, J.C.; Claver, C.; Aguiló, M.; Solans, X.; Font-Altaba, M. Rh (I) and Ir (I) carbonyl complexes with sulfur donor ligands. X-Ray structure of [Rh(CO)₂(ButCHS=CHSBut)]ClO₄. 900763 - Journal of the Chemical Society-Dalton Transactions. pp. 2665 - 2669. (United Kingdom): 1984. ISSN 1472-7773
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.093 **Journal in the top 25%:** No
Position of publication: 9 **No. of journals in the cat.:** 30
- 247** Rodríguez, J.C.; Claver, C.; Ruiz, A. Carbonyl cationic rhodium (I) and iridium (I) complexes with sulfur donor and triphenylphosphine Ligands. 900774 - Transition Metal Chemistry. 9, pp. 237 - 241. (Holland): 1984. ISSN 0340-4285
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 0.974 **Journal in the top 25%:** No
Position of publication: 18 **No. of journals in the cat.:** 30
- 248** Rodríguez, J.C.; Claver, C.; Ruiz, A. Dihydroiridium diolefin with sulfur ligands. 900790 - Journal of Organometallic Chemistry. 272, (Switzerland): 1984. ISSN 0022-328X
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 1.917 **Journal in the top 25%:** No
Position of publication: 10 **No. of journals in the cat.:** 30
Impact source: ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 1.917 **Journal in the top 25%:** No
Position of publication: 11 **No. of journals in the cat.:** 34



- 249** Tiripicchio, A.; Tiripicchio Camellini, M.; Claver, C.; Ruiz, A.; Oro, L.A. Diolefini cationic rhodium complexes with sulfur donors. X-Ray structure of $[\text{Rh}(\text{NBD})_2(\text{SEt}_2)]\text{ClO}_4$. 900790 - Journal of Organometallic Chemistry. 241, pp. 77 - 86. (Switzerland): 1983. ISSN 0022-328X
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 2.172
Position of publication: 10
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 32
- Impact source:** ISI
Impact index in year of publication: 2.172
Position of publication: 11
- Category:** CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 37
- 250** Claver, C.; Rodríguez, J.C.; Ruiz, A. Diolefini cationic iridium (I) complexes with sulfur ligands. 900790 - Journal of Organometallic Chemistry. 251, pp. 369 - 375. (Switzerland): 1983. ISSN 0022-328X
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 2.172
Position of publication: 10
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 32
- Impact source:** ISI
Impact index in year of publication: 2.172
Position of publication: 11
- Category:** CHEMISTRY, ORGANIC
Journal in the top 25%: No
No. of journals in the cat.: 37
- 251** Claver, C.; Marco, E.; Oro, L.A.; Royo, M.; Pastor, E. Cationic complexes of rhodium (I) with phenantroline type ligands. 900774 - Transition Metal Chemistry. 7, pp. 246 - 249. (Holland): 1982. ISSN 0340-4285
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 1.271
Position of publication: 9
- Format:** Journal
Category: CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 21
- 252** Usón, R.; Oro, L.A.; Garralda, M.A.; Claver, C.; Lahuerta, P. Syntheses and catalytic activity of some cationic complexes of rhodium (I) with norbornadiene and group VB ligand. 900774 - Transition Metal Chemistry. 4, pp. 55 - 58. (Holland): 1979. ISSN 0340-4285
- Type of production:** Scientific paper
Format: Journal
- 253** Usón, R.; Oro, L.A.; Valderrama, M.; Claver, C. Preparation of cationic complexes $[\text{Rh}(\text{diolefina})\text{L}_2]\text{ClO}_4$ and their carbonylation reactions. 900772 - Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry. 9, pp. 577 - 584. (United States of America): 1979. ISSN 0094-5714
- Type of production:** Scientific paper
Format: Journal
- 254** Usón, R.; Oro, L.A.; Claver, C.; Garralda, M.A.; Moretó, J.M. Cationic organocomplexes of rhodium (I) as homogeneous hydroformylation catalysts. 907597 - Journal of Molecular Catalysis. 4, pp. 231 - 232. (Holland): 1978. ISSN 0304-5102
- Type of production:** Scientific paper
Format: Journal
- 255** Usón, R.; Oro, L.A.; Claver, C.; Garralda, M.A. Cationic rhodium (I) organic complexes with nitrogen donors and their carbonylation products. 900790 - Journal of Organometallic Chemistry. 105, pp. 365 - 370. (Switzerland): 1976. ISSN 0022-328X
- Type of production:** Scientific paper
Format: Journal



- 256** Godard, C.; Fernández, B.; Gual, A.; Claver, C. Volume 6: Homogeneous Catalytic Applications. 6.13. Asymmetric carbonylations. Reference Module in Chemistry, Molecular Sciences and Chemical Engineering. Comprehensive Inorganic Chemistry II (Second Edition): From Elements to Applications; Jan Reedijk and Kenneth Poeppelmeier (eds.). 6, pp. 383 - 411. (Holland): Elsevier, B.V., 2013. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/B978008097774400615X>>. ISBN 9780080965291
Type of production: Book chapter **Format:** Book
Total no. authors: 4
- 257** Godard, C.; Ruiz, A.; Diéguez, M.; Pàmies, O.; Claver, C. Asymmetric Carbonylation. Catalytic Asymmetric Synthesis. Editor(s): Ojima, Iwao. 1, pp. 799 - 838. New Jersey (United States of America): Wiley-VCH Verlag GmbH, 2010. ISBN 978-0-470-17577-4
Type of production: Book chapter **Format:** Book
Total no. authors: 5
- 258** Oro, Luis A.; Claver, Carmen. Iridium Complexes in Organic Synthesis (L. A. Oro and C. Claver Editors). Iridium Complexes in Organic Synthesis. Berlin (Germany): Wiley-VCH Verlag GmbH, 2009. ISBN 10:3-527-31996-
Type of production: Book chapter **Format:** Book
Total no. authors: 2
- 259** Claver, Carmen; Fernandez, Elena. Imine hydrogenation. Modern Reduction Methods, Editor(s): Andersson, Pher G.; Munslow, Ian. pp. 237 - 269. Berlin (Germany): Wiley-VCH Verlag GmbH, 2008. ISBN 1436-6002
Type of production: Book chapter **Format:** Book
- 260** Claver, Carmen (Volume Editor). Compounds of group 9. Comprehensive Organometallic Chemistry III Editors in Chief: Robert H Crabtree and D. Michael P. Mingos. 2, pp. 65 - 92. Oxford (United Kingdom): Editorial Elsevier, 2008. ISBN 0-08-044590-X
Type of production: Book chapter **Format:** Book
- 261** Claver, C.; Diéguez, M.; Pàmies, O. Chiral diphosphinites, diphosponites, diphosphites and mixed PO-ligands. Trivalent phosphorus compounds in asymmetric catalysis, síntesis and applications. pp. 506 - 528. (Germany): Wiley-VCH, 2008.
Type of production: Book chapter **Format:** Book
Total no. authors: 3
- 262** Claver, C.; Godard, C.; Ruiz, A.; Pàmies, O.; Diéguez, M. Enantioselective carbonylation reactions. (2008), 65-92. Modern Carbonylation Methods Editor(s): Kollar, Laszlo. 2, pp. 65 - 92. Berlin (Germany): Wiley-VCH Verlag GmbH, 2008. ISBN 9783527318964
Type of production: Book chapter **Format:** Book
Total no. authors: 5
- 263** Claver, C.; Diéguez, M.; Pàmies, O.; Castellón, S. Asymmetric Hydroformylation. Catalytic Carbonylation Reactions (Ed M. Beller) Topics in organometallic Chemistry. 18, pp. 35 - 64. Berlin (Germany): Springer, 2006. ISBN 1436-6002
Type of production: Book chapter **Format:** Book
Total no. authors: 4
- 264** Diéguez, M.; Pàmies, O.; Ruiz, A.; Claver, C. Phosphite Ligands in Asymmetric Hydrogenation. New Methodologies in Asymmetric Catalysis. pp. 161 - 174. (United States of America): Washington: American Chemical Society, 2004.
Type of production: Book chapter **Format:** Book



- 265** Claver, C.; Piet W. N. M. van Leeuwen. Asymmetric Hydroformylation. Rhodium Catalyzed Hydroformylation (Catalysis by Metal Complexes) Kluwer Academic Publishers. Piet W. N. M. van Leeuwen and Carmen Claver. DORDRECHT(Holland): 2000.
Type of production: Book chapter **Format:** Book
- 266** Bedford, R.; Chaloner, P.A.; Claver, C.; Fernández, E.; Hitchcock, P.B.; Ruiz, A. Homogeneous hydrogenation of imines catalyzed by iridium complexes. Catalysis of Organic Reactions, Chemical Industries. 62, pp. 181 - 188. (United States of America): 1994.
Type of production: Book chapter **Format:** Book
- 267** Claver Cabrero, C.; Masdeu Bultó, A.M. Rhodium and iridium complexes containing sulphur ligands. Application in homogeneous catalysis. Research Trends. Council of Scientific Information. 1, pp. 549 - 564. (India): 1994.
Type of production: Book chapter **Format:** Book
- 268** Claver, Carmen. Rhodium Catalysis. Topics in Organometallic Chemistry. 61, (Germany): Springer, 2018. Available on-line at: <<https://www.springer.com/us/book/9783319666631>>. ISBN 978-3-319-66665-5
Type of production: **Editor **Format:** Book
- 269** Gual, A.; Godard, C.; Castellón, S.; Curulla-Ferré, D.; Claver, C. Colloidal Ru, Co and Fe-nanoparticles. Synthesis and application as nanocatalysts in the Fischer-Tropsch process. 908402 - Catalysis Today. 183 - 1, pp. 154 - 171. (Holland): 2012. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0920586111008017>>. ISSN 0920-5861
DOI: <https://doi.org/10.1016/j.cattod.2011.11.025>
Type of production: **Review **Format:** Journal
Total no. authors: 5
Impact source: ISI **Category:** CHEMISTRY, APPLIED
Impact index in year of publication: 2.98 **Journal in the top 25%:** Yes
Position of publication: 11 **No. of journals in the cat.:** 71

Impact source: ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 2.98 **Journal in the top 25%:** No
Position of publication: 45 **No. of journals in the cat.:** 135

Impact source: ISI **Category:** ENGINEERING, CHEMICAL
Impact index in year of publication: 2.98 **Journal in the top 25%:** Yes
Position of publication: 14 **No. of journals in the cat.:** 133
- 270** Van Leeuwen, Piet W. N. M.; Kamer, Paul C. J.; Claver, Carmen; Pàmies, Oscar; Dieguez, Montserrat. Phosphite-containing ligands for asymmetric catalysis. 900636 - Chemical Reviews. 111 - 3, pp. 2077 - 2118. (United States of America): 2011. Available on-line at: <<http://pubs.acs.org/doi/abs/10.1021/cr1002497>>. ISSN 0009-2665
DOI: <https://doi.org/10.1021/cr1002497>
Type of production: **Review **Format:** Journal
Position of signature: 3
Total no. authors: 5
Impact source: ISI **Category:** CHEMISTRY, MULTIDISCIPLINARY
Impact index in year of publication: 40.2 **Journal in the top 25%:** Yes
Position of publication: 1 **No. of journals in the cat.:** 151
- 271** Balanta, Angelica; Godard, Cyril; Claver, Carmen. Pd nanoparticles for C-C coupling reactions. 900637 - Chemical Society Reviews. 40 - 10, pp. 4973 - 4985. (United Kingdom): 2011. Available on-line at: <<http://pubs.rsc.org/en/Content/ArticleLanding/2011/CS/c1cs15195a>>. ISSN 0306-0012

**Type of production:** **Review**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 28.76**Position of publication:** 2**Format:** Journal**Category:** CHEMISTRY, MULTIDISCIPLINARY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 151

- 272** Gual, A.; Godard, C.; Castillon, S.; Claver, C. Highlights of the Rh-catalysed asymmetric hydroformylation of alkenes using phosphorus donor ligands. 900808 - Tetrahedron Asymmetry. 21 - 9-10, pp. 1135 - 1146. (United Kingdom): Elsevier Ltd, 2010. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0957416610003721>>. ISSN 0957-4166

Type of production: **Review**Format:** Journal**Position of signature:** 4**Total no. authors:** 4**Impact source:** ISI**Category:** CHEMISTRY, INORGANIC & NUCLEAR**Impact index in year of publication:** 2.484**Journal in the top 25%:** No**Position of publication:** 13**No. of journals in the cat.:** 43**Impact source:** ISI**Category:** CHEMISTRY, ORGANIC**Impact index in year of publication:** 2.484**Journal in the top 25%:** No**Position of publication:** 21**No. of journals in the cat.:** 56**Impact source:** ISI**Category:** CHEMISTRY, PHYSICAL**Impact index in year of publication:** 2.484**Journal in the top 25%:** No**Position of publication:** 52**No. of journals in the cat.:** 125

- 273** Fleury-Bregeot, Nicolas; de la Fuente, Veronica; Castillon, Sergio; Claver, Carmen. Highlights of Transition Metal-Catalyzed Asymmetric Hydrogenation of Imines. 914535 - Chemcatchem. 2 - 11, pp. 1346 - 1371. (Germany): 2010. ISSN 1867-3880

Type of production: **Review**Format:** Journal**Position of signature:** 4**Total no. authors:** 4**Impact source:** ISI**Category:** CHEMISTRY, PHYSICAL**Impact index in year of publication:** 3.345**Journal in the top 25%:** No**Position of publication:** 36**No. of journals in the cat.:** 125

- 274** Gual, A.; Godard, C.; Castillon, S.; Claver, C. Soluble transition-metal nanoparticles-catalysed hydrogenation of arenes. 912705 - Dalton Transactions. 39 - 48, pp. 11499 - 11512. (United Kingdom): 2010. Available on-line at: <<http://pubs.rsc.org/en/Content/ArticleLanding/2010/DT/c0dt00584c>>. ISSN 1477-9226

DOI: <https://doi.org/10.1039/c0dt00584c>**Type of production:** **Review**Format:** Journal**Position of signature:** 4**Total no. authors:** 4**Impact source:** ISI**Category:** CHEMISTRY, INORGANIC & NUCLEAR**Impact index in year of publication:** 3.647**Journal in the top 25%:** Yes**Position of publication:** 7**No. of journals in the cat.:** 43

- 275** Godard, Cyril; Munoz, Bianca K.; Ruiz, Aurora; Claver, Carmen. Pd-catalyzed asymmetric mono- and bis-alkoxycarbonylation of vinylarenes. 912705 - Dalton Transactions. pp. 853 - 860. (United Kingdom): 2008. ISSN 1477-9226

Type of production: **Review**Format:** Journal



Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 3.58

Position of publication: 7

Category: CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: Yes

No. of journals in the cat.: 43

- 276** Diéguez, M.; Claver, C.; Pàmies, O. Recent progress in asymmetric catalysis using chiral carbohydrate-based ligands. 910608 - European Journal of Organic Chemistry. 28, pp. 4621 - 4634. (Germany): 2007. ISSN 1434-193X

Type of production: **Review

Total no. authors: 3

Impact source: ISI

Impact index in year of publication: 2.914

Position of publication: 13

Format: Journal

Category: CHEMISTRY, ORGANIC

Journal in the top 25%: Yes

No. of journals in the cat.: 56

- 277** Claver, C.; Dieguez, M.; Pamies, O.; Castillon, S. Asymmetric Carbonylation Topics in Organometallic Chemistry (Catalytic Carbonylation Reactions),. 917256 - Topics In Organometallic Chemistry. 18 - 1-2, pp. 64. (Germany): 2006. ISSN 1436-6002

Type of production: **Review

Total no. authors: 4

Format: Journal

- 278** Castillon, S.; Claver, C.; Diaz, Y. C-1 and C-2-symmetric carbohydrate phosphorus ligands in asymmetric catalysis. 900637 - Chemical Society Reviews. 34 - 8, pp. 702 - 713. (United Kingdom): 2005. ISSN 0306-0012

Type of production: **Review

Total no. authors: 3

Impact source: ISI

Impact index in year of publication: 13.747

Position of publication: 2

Format: Journal

Category: CHEMISTRY, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 125

- 279** Dieguez, M.; Pamies, O.P.; Claver, C. Ligands derived from carbohydrates for asymmetric catalysis. 900636 - Chemical Reviews. 104 - 6, pp. 3189 - 3215. (United States of America): 2004. ISSN 0009-2665

Type of production: **Review

Total no. authors: 3

Impact source: ISI

Impact index in year of publication: 20.233

Position of publication: 1

Format: Journal

Category: CHEMISTRY, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 125

- 280** Diéguez, M.; Pàmies, O.; Ruiz, A.; Díaz, Y.; Castillón, S.; Claver, C. Carbohydrate derivative ligands in asymmetric catalysis. 900750 - Coordination Chemistry Reviews. 248 - 21-24, pp. 2165 - 2192. (Holland): 2004. ISSN 0010-8545

Type of production: **Review

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 6.446

Position of publication: 2

Format: Journal

Category: CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: Yes

No. of journals in the cat.: 45

- 281** Dieguez, M.; Pamies, O.; Ruiz, A.; Claver, C. Phosphite Ligands in Asymmetric Hydrogenation. 900618 - ACS Symposium Series. 880, pp. 161 - 173. (United States of America): 2004. ISSN 0097-6156

Type of production: **Review

Total no. authors: 4

Format: Journal



- 282** del Rio, I.; Claver, C.; van Leeuwen, P.W.N.M. On the mechanism of the hydroxycarbonylation of styrene with palladium systems. 910604 - European Journal of Inorganic Chemistry. 11, pp. 2719 - 2738. (Germany): 2001. ISSN 1434-1948
Type of production: **Review **Format:** Journal
Total no. authors: 3
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.475 **Journal in the top 25%:** No
Position of publication: 12 **No. of journals in the cat.:** 42
- 283** P.W. N. M. van Leeuwen; Claver, C. Rhodium Catalyzed Hydroformylation (Catalysis by Metal Complexes) Kluwer Academic Publishers. Rhodium Catalyzed Hydroformylation (Catalysis by Metal Complexes) Kluwer Academic Publishers. DORDRECHT (Holland): 2000.
Type of production: **Editor **Format:** Book
- 284** Bayón, J.C.; Claver, C.; Masdeu-Bultó, A.M. Homogeneous catalysis with transition metal complexes containing sulfur ligands. 900750 - Coordination Chemistry Reviews. 193, pp. 73 - 145. (Holland): 1999. ISSN 0010-8545
Type of production: **Review **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.363 **Journal in the top 25%:** No
Position of publication: 11 **No. of journals in the cat.:** 37
- 285** Gladiali, S.; Bayón, J.C.; Claver, C. Recent Advances in Enantioselective hydroformylation. 900808 - Tetrahedron Asymmetry. 6, pp. 1453 - 1474. (United Kingdom): Elsevier Ltd, 1995. ISSN 0957-4166
Type of production: **Review **Format:** Journal
Impact source: ISI **Category:** CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.226 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 33
- Impact source:** ISI **Category:** CHEMISTRY, ORGANIC
Impact index in year of publication: 2.226 **Journal in the top 25%:** Yes
Position of publication: 9 **No. of journals in the cat.:** 37
- Impact source:** ISI **Category:** CHEMISTRY, PHYSICAL
Impact index in year of publication: 2.226 **Journal in the top 25%:** No
Position of publication: 21 **No. of journals in the cat.:** 76

Works submitted to national or international conferences

- 1** **Title of the work:** Rhodium catalysed asymmetric hydroaminomethylation of acrylates for the synthesis of γ -amino ester
Name of the conference: 2nd GDRI-HC3A Meeting, Toulouse, France on January 18th-19th, 2018.
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Toulouse, France
Date of event: 2018
End date: 2018
Cunillera, Anton; Godard, Cyril; Ruiz, Aurora; Claver, Carmen.



- 2** **Title of the work:** Catálisis para un desarrollo sostenible.
Name of the conference: Atlantic Basic Conference on Chemistry, Cancún, México, 23rd-26th January, 2018.
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Mexico
Date of event: 2018
End date: 2018
Carmen Claver.
- 3** **Title of the work:** Supported Metal Nanoparticles for Selective Catalysis
Name of the conference: QIES2018. 18ª Reunión del grupo Especializado de Química Inorgánica y en la 12ª Reunión del Grupo Especializado de Química de Estado Sólido, Laguna (Tenerife, España) 17-20 junio 2018
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: La Laguna (Tenerife), Spain
Date of event: 2018
End date: 2018
Carmen Claver.
- 4** **Title of the work:** Immobilized rhodium catalysts for asymmetric hydroformylation under batch and flow conditions
Name of the conference: 21st International Symposium on Homogeneous Catalysis. ISHC XXI. Amsterdam, The Netherlands, July 8-13, 2018
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Amsterdam, Holland
Date of event: 2018
End date: 2018
Carmen Claver.
- 5** **Name of the conference:** 2nd Trans Pyrenean Meeting Catalysis, TraPCat2. 18-19 October 2018
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Tarragona, Spain
Date of event: 2018
End date: 2018
Carmen Claver.
- 6** **Title of the work:** Catalysis for sustainable development. Homogeneous Catalysis and Nanocatalysis
Name of the conference: ECOST-MEETING-CM1205-130317-077568, CARISMA V, Lisbon, Portugal, 6th-8th March, 2017
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Portugal
Date of event: 2017
End date: 2017
Carmen Claver.



- 7** **Title of the work:** Rh and Pt nanoparticles stabilized by phosphine functionalized silica for selective hydrogenation reactions
Name of the conference: 253rd American Chemical Society, ACS Spring Meeting, NATIONAL MEETING & EXPOSITION, Advanced Materials, Technologies, Systems & Processes, San Francisco, CA, 2nd-6th April, 2017
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: United States of America
Date of event: 2017
End date: 2017
Carmen Claver.
- 8** **Title of the work:** Size-controlled NHC-stabilized Ni and Cu NPs immobilized in CNTs Application in stereoselective hydrogenation
Name of the conference: 253rd American Chemical Society, ACS Spring Meeting, NATIONAL MEETING & EXPOSITION, Advanced Materials, Technologies, Systems & Processes, San Francisco, CA, 2nd-6th April, 2017
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - poster
City of event: United States of America
Date of event: 2017
End date: 2017
Carmen Claver.
- 9** **Name of the conference:** XXXVI Reunión Bienal de Química de RSEQ, Sitges, 25th-29th June, 2017
Type of event: Conference
Type of participation: Organizing committee
City of event: Sitges, Spain
Date of event: 2017
End date: 2017
Carmen Claver.
- 10** **Title of the work:** Keynote lecture. Metal complexes catalyzed CO₂ transformation. From cyclic carbonate to polycarbonate
Name of the conference: SILQCOM2017, 6th Latin American Symposium on Coordination and Organometallic Chemistry. Iguazu, Misiones, Argentina, 6th-11th August, 2017
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Iguazu, Misiones, Argentina
Date of event: 2017
End date: 2017
Carmen Claver.
- 11** **Title of the work:** New approach for the preparation of Rh and Pt nanoparticles stabilized by phosphine-functionalized silica for selective hydrogenation reactions
Name of the conference: EUROPACAT 2017, Florence, Italy, 27th-31st August, 2017
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Florence, Italy
Date of event: 2017
End date: 2017
C.Claver; J.Llop Castelbou; K. Szeto; W.Barakat; N. Merle; C.Godard; M. Taoufik.



- 12** **Name of the conference:** Annual conference entitled 'Sustainability and Resilience', organized by Academia Euroapaea and ALLEA in collaboration with the Young Academy of Europe and the Hungarian Academy of Sciences, Hungary between 3-7 September 2017
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - others
City of event: Hungary, Hungary
Date of event: 2017
End date: 2017
Carmen Claver.
- 13** **Name of the conference:** Green Chemistry Horizon, Kárman Conference at RWTH Aachen University, 2nd-3rd, February, 2017
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - others
City of event: Aachen, Germany
Date of event: 2017
End date: 2017
Carmen Claver.
- 14** **Title of the work:** NHC-stabilised Rh nanoparticles: synthesis, characterization and application in H/D exchange processes using P-donor ligands as substrates
Name of the conference: VII Journées Franco-Catalanes "Hetero-elements and Coordination Chemistry: from Concepts to Applications", 1st HA3C meeting
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Toulouse, France
Date of event: 2016
End date: 2016
Carmen Claver.
- 15** **Title of the work:** Catalysis for Sustainable Development: Homogeneous Catalysis and Nanocatalysis
Name of the conference: French Conference on Catalysis
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: France
Date of event: 2016
End date: 2016
Organising entity: SCFR - SOCIETE CHIMIQUE DE FRANCE **Type of entity:** **Associacions
Carmen Claver. "French Riviera".
- 16** **Title of the work:** Immobilized Pd-NHC catalysts for internal and terminal alkynes semihydrogenation
Name of the conference: 20th International Symposium on Homogeneous Catalysis, ISHC 2016
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Kyoto, Japan
Date of event: 2016
End date: 2016
Carmen Claver.



- 17** **Title of the work:** Rh and Pt nanoparticles stabilized by phosphine functionalized silica for selective hydrogenation
Name of the conference: 6th EuCheMs Chemistry Congress
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Seville, Spain
Date of event: 2016
End date: 2016
Carmen Claver.
- 18** **Title of the work:** Simple and versatile approach for Pd immobilized nanocatalysts - Application in alkynes semi-hydrogenation
Name of the conference: First Trans Pyrenean Meeting in Catalysis, TrapCat
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - poster
City of event: Toulouse, France
Date of event: 2016
End date: 2016
Carmen Claver.
- 19** **Title of the work:** Size-controlled metal nanoparticles for electrocatalysis. NHC-stabilized Ni and Cu Nanoparticles
Name of the conference: 6th Annual World Congress of Nano Science and Technology-2016 (Nano S&T-2016), Singapore, October 26-28, 2016
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Singapur, Singapore
Date of event: 2016
End date: 2016
Carmen Claver.
- 20** **Title of the work:** IMMOBILIZED Pd catalysts for C-C BOND FORMATION
Name of the conference: COST-CARISMA Meeting ¿Catalytic Routines for Small Molecule Activation
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Tarragona, Spain
Date of event: 2015
End date: 2015
Carmen Claver.
- 21** **Title of the work:** IMMOBILIZED Pd CATALYSTS FOR C-C BOND FORMATION
Name of the conference: XXXIII GEQO, Expert Group on Organometallic Chemistry
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Madrid, Spain
Date of event: 2015
End date: 2015
Carmen Claver.



- 22 Title of the work:** <!-- [if gte mso 9]><xml> <w:WordDocument>
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m:val='before'/> <m:brkBinSub m:val='--'/> <m:smallFrac m:val='off'/> <m:dispDef/> <m:IMargin m:val='0'/>
<m:rMargin m:val='0'/> <m:defJc m:val='centerGroup'/> <m:wrapIndent m:val='1440'/> <m:intLim
m:val='subSup'/> <m:naryLim m:val='undOvr'/> </m:mathPr></w:WordDocument> </xml><![endif]-->
Rhodium nanoparticles for selective hydrogenation
Name of the conference: XXXV Reunión Bienal Química de RSEQ
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: A Coruña, Spain
Date of event: 2015
End date: 2015
Llop, J.; Martínez, F.; Castellón, S.; Godard, C.; Claver, C.
- 23 Title of the work:** Cobalt Particle Size Effects in the Fischer-Tropsch synthesis: comparison between colloidal and TiO₂ supported nanocatalysis
Name of the conference: 17th International Symposium on Relations between Homogeneous and Heterogeneous Catalysis, ISHHC17
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Utrecht, Holland
Date of event: 2015
End date: 2015
Delgado, J.A.; Ordonsky, V.; Godard, C.; Castillon, S.; Curulla, D.; Claver, C.
- 24 Title of the work:** Catalysis for Sustainable Development. Catalyst Recovery and CO₂ Transformation
Name of the conference: 5th Latin American Symposium on Coordination and Organometallic Chemistry (5^o SILQCOM)
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Angra dos Reis, Rio de Janeiro, Brazil
Date of event: 2015
End date: 2015
Carmen Claver.
- 25 Title of the work:** Ligand Effects in the Rhodium Nanoparticles Catalysed Selective Hydrogenation
Name of the conference: 5th EUCHEMS Chemistry Congress, 31 August - 4 September 2014
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Istanbul, Turkey
Date of event: 2014
End date: 2014
J. Llop Castelbou; C. Godard; C. Claver.



- 26** **Name of the conference:** EURO CAPITA: Topics in European Catalysis, 27-28 February
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - others
City of event: Brusseles, Belgium
Date of event: 2014
End date: 2014
Carmen Claver.
- 27** **Name of the conference:** ¿Networking meeting¿ IREC in Florence on February 7th ERIC/INSTM
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - others
City of event: Florencia, Italy
Date of event: 2014
End date: 2014
Carmen Claver.
- 28** **Title of the work:** Modular synthesis of functionalized alkoxy-tethered NHC ligands Application in Pd catalyzed C-C and C-N bond formation
Name of the conference: 19th International Symposium on Homogeneous Catalysis (ISHC-XIX), July 6-11, 2014
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Ottawa, Canada
Date of event: 2014
End date: 2014
J.L. Krinsky; A. Martínez; C. Godard; S. Castillón; C.Claver.
- 29** **Name of the conference:** XVII Brazilian Meeting on Inorganic Chemistry, Agosto 10-14
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Minas Gerais, Brazil
Date of event: 2014
End date: 2014
Carmen Claver.
- 30** **Title of the work:** (**Secretaria del comité científico)
Name of the conference: 5th EUCHEMS Chemistry Congress , 31 August-4 September 2014
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - others
City of event: Istanbul, Turkey
Date of event: 2014
End date: 2014
Carmen Claver.
- 31** **Name of the conference:** 8 Asian European Symposium on Metal mediated Efficient Organic Synthesis
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Izmir, Turkey
Date of event: 2014
End date: 2014
Carmen Claver.



- 32** **Title of the work:** immobilisation of Pd-NHC complexes on inorganic supports activity and reusability in C-C coupling reactions
Name of the conference: 7th Green Solvents Conference
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Dresden, Germany
Date of event: 2014
End date: 2014
Carmen Claver.
- 33** **Name of the conference:** Organizing Committee of the XXXII GECO, Expert Group on Organometallic Chemistry, Tarragona, 17-19 Sept 2014
Type of event: Conference **Geographical area:** International
Type of participation: Organizing committee
City of event: Tarragona, Spain
Date of event: 2014
End date: 2014
Carmen Claver.
- 34** **Name of the conference:** VII Jornadas de Catálisis y Adsorción
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Quilpué, Chile
Date of event: 2014
End date: 2014
Carmen Claver.
- 35** **Title of the work:** Catalizadores para química sustentable. Catalizadores homogéneos inmovilizados y nanocatalizadores
Name of the conference: VIII Jornadas Chilenas de Catálisis y Adsorción (VIII JCATAD)
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Valparaíso, Chile
Date of event: 2014
End date: 2014
Carmen Claver.
- 36** **Name of the conference:** 6th IDECAT/ERIC-JCAT Conference on Catalysis, IEJCat-6
Type of event: Conference **Geographical area:** International
Type of participation: Organizing committee
City of event: Bressanone/Brixen, Italy
Date of event: 2013
End date: 2013
Carmen Claver.
- 37** **Title of the work:** Rhodium asymmetric hydroformylation of cyclic alkenes
Name of the conference: 245th AMERICAN CHEMICAL SOCIETY NATIONAL MEETING
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: New Orleans, LA, United States of America



Date of event: 2013

End date: 2013

Organising entity: ACHS - American Chemical Society

Carmen Claver.

Type of entity: **Acadèmies Científiques

38 Title of the work: Asymmetric hydroformylation of heterocyclic olefins

Name of the conference: 20th EuCheMS Conference on Organometallic Chemistry, 1-5 July

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: St Andrews,

Date of event: 2013

End date: 2013

Carmen Claver Cabrero.

39 Title of the work: Alternative Pd catalysts for Sustainable Processes: Improving Pd catalysts: carbonylation and C-C bond formation

Name of the conference: XIth European Congress on Catalysis, EuropaCat, Lyon, France, September 1-6, 2013

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Lyon, France

Date of event: 2013

End date: 2013

Carmen Claver Cabrero.

40 Title of the work: Catalysis for Sustainable Development: From Ligands Design to Metal Nanoparticles.

Name of the conference: I Escuela Internacional de Catálisis. VIII Simposio Colombiano de Catálisis. VI Simposio de Química Aplicada. 11-13 de septiembre

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Armenia, Colombia

Date of event: 2013

End date: 2013

Carmen Claver Cabrero.

41 Name of the conference: 25th Anniversary Conference. European science and scholarship looking ahead-challenges of the next 25 years

Type of event: Conference

Geographical area: International

Type of participation: Participatory - others

City of event: Wroclaw, Poland

Date of event: 2013

End date: 2013

Carmen Claver.

42 Title of the work: Science For A Better Life Symposium

Type of event: Conference

Geographical area: International

Type of participation: Participatory - others

City of event: Leverkusen, Germany

Date of event: 2013

End date: 2013



Carmen Claver.

- 43** **Title of the work:** (**Secretaria del comité científico)
Name of the conference: XXX Reunión del grupo especializado en Química Organometálica de la RSEQ
Type of event: Conference
Type of participation: Participatory - others
City of event: Castellón, Spain
Date of event: 2012
End date: 2012
Maria del Carmen Claver Cabrero.
- 44** **Title of the work:** Modular, immobilisable and sterically demanding carbene ligands applied to the Suzuki-Miyaura reaction
Name of the conference: 18th International symposium in homogeneous catalysis (ISHC-18)
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Toulouse, France
Date of event: 2012
End date: 2012
Krinsky, J.L.; Godard, C.; Castillon, S.; Claver, C.
- 45** **Title of the work:** Hydrogenation of disubstituted arenes with metal nanoparticles as catalysts
Name of the conference: 244th American Chemical Society National Meeting
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Philadelphia, United States of America
Date of event: 2012
End date: 2012
Maria del Carmen Claver Cabrero.
- 46** **Title of the work:** Immobilized, modular, and sterically demanding carbene ligands applied to the Pd catalyzed Suzuki-Miyaura reaction
Name of the conference: 244th American Chemical Society National Meeting
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Philadelphia, United States of America
Date of event: 2012
End date: 2012
Krinsky, J.L.; Godard, C.; Castillon, S.; Claver, C.
- 47** **Name of the conference:** 30º Congreso Latinoamericano de Química, 47º Congreso Mexicano de Química y 31º Congreso Nacional de Educación Química
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Cancún, Mexico
Date of event: 2012
End date: 2012
Maria del Carmen Claver Cabrero.



- 48** **Title of the work:** Synfuel2012: symposium on alternative and clean synthetic fuels from fossil and renewable resources
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Munich, Germany
Date of event: 2012
End date: 2012
Maria del Carmen Claver Cabrero.
- 49** **Name of the conference:** CSC 2012 Conference-Congrès SCC 2012
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Calgary, Canada
Date of event: 2012
End date: 2012
Maria del Carmen Claver Cabrero.
- 50** **Title of the work:** Immobilized, modular and sterically demanding carbene ligands applied to the Pd catalyzed Suzuki-Miyaura reaction
Name of the conference: 224th ACS National Meeting & Exposition
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Philadelphia, United States of America
Date of event: 2012
End date: 2012
Organising entity: ACHS - American Chemical Society **Type of entity:** **Acadèemies Científiques
Carmen Claver; Sergio Castellón; Cyril Godard; Jamin Krinsky. "In abstract of the meeting".
- 51** **Title of the work:** Catalyst design: from Homogeneous to Nanocatalysis
Name of the conference: Latinoamerican Congress of Chemistry, CLAQ
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Cancún, Mexico
Date of event: 2012
End date: 2012
Carmen Claver.
- 52** **Title of the work:** carmen
Name of the conference: 43rd IUPAC World Chemistry Congress
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: San Juan, Puerto Rico, Puerto Rico
Date of event: 2011
End date: 2011
Maria del Carmen Claver Cabrero.
- 53** **Title of the work:** Phosphino-imidazoline ligands in homogeneous and polymer-supported catalytic systems
Name of the conference: 5th EuCheMS Conference on Nitrogen Ligands
Type of event: Conference
Type of participation: Participatory - oral communication



City of event: Granada, Spain
Date of event: 2011
End date: 2011
Maria del Carmen Claver Cabrero.

54 **Name of the conference:** IDECAT/ERIC-JCAT Conference on Catalysis
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Bertinoro, Italy
Date of event: 2011
End date: 2011
Maria del Carmen Claver Cabrero.

55 **Title of the work:** CHALLENGES AND STRATEGIES IN ASYMMETRIC CATALYSIS
Name of the conference: Encuentro de Química Inorgánica 2011
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Guadalajara, Jalisco, Mexico
Date of event: 2011
End date: 2011
Maria del Carmen Claver Cabrero.

56 **Title of the work:** Del 4-9 Julio
Name of the conference: International Symposium on Homogeneous Catalysis
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Poznan, Poland
Date of event: 2010
End date: 2010
Maria del Carmen Claver Cabrero.

57 **Name of the conference:** 6th Flash Conferenc4e of ERA-Chemistry to be held in France, Feb. 28-March,4
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Roscoff (Brittany), France
Date of event: 2010
End date: 2010
Maria del Carmen Claver Cabrero.

58 **Title of the work:** NANOPARTÍCULAS DE METALES DE TRANSICIÓN. APLICACIÓN COMO SISTEMAS CATALÍTICOS PARA LA HIDROGENACIÓN ASIMÉTRICA DE ARENOS
Name of the conference: XXII Congreso Iberoamericano de Catálisis, CICAT
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Viña del Mar (CHILE), Chile
Date of event: 2010
End date: 2010
Gual, A.; Claver, C.; Godard, C.; Castellón, S.



- 59** **Title of the work:** Catálisis Asimétrica. Reacciones de Carbonilación
Name of the conference: UAM DF Mexico, 01/10/2009
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: DF, Mexico
Date of event: 2009
End date: 2009
Maria del Carmen Claver Cabrero.
- 60** **Title of the work:** Strategies in Transition Metal Asymmetric Catalysis
Name of the conference: 44º Congreso Mexicano de Química, 09/2009
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Puebla, Mexico
Date of event: 2009
End date: 2009
Maria del Carmen Claver Cabrero.
- 61** **Title of the work:** Carbohydrate Ligandjavascript:FesSubmitForm('Dades','CONFIRMAR','')s in Asymmetric Catalysis
Name of the conference: GLUPOR 8, 09/2009
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Braga, Portugal
Date of event: 2009
End date: 2009
Maria del Carmen Claver Cabrero.
- 62** **Title of the work:** Catalytic activity of Metal Nanoparticles stabilized with Chiral Modular Ligands
Name of the conference: ISHHC XIV, International Symposium on Relations between Homogeneous and Heterogeneous Catalysis, 09/2009
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Estocolmo, Sweden
Date of event: 2009
End date: 2009
Maria del Carmen Claver Cabrero.
- 63** **Title of the work:** Adventures in Catalysis
Name of the conference: University of St. Andrews, School of Chemistry EaStCHEM, 08/2009
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: St. Andrews,
Date of event: 2009
End date: 2009
Maria del Carmen Claver Cabrero.
- 64** **Title of the work:** Adventures in Catalysis. Carbonylation and C-C bond formation
Name of the conference: RWTH Universidad de Aachen, 06/2009
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk



City of event: Aachen, Germany
Date of event: 2009
End date: 2009
Maria del Carmen Claver Cabrero.

- 65** **Title of the work:** Aventuras en Catálisis. Retos y estrategias
Name of the conference: Departamento de Química, Universitat de Girona, 01/06/2009
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Gerona, Spain
Date of event: 2009
End date: 2009
Maria del Carmen Claver Cabrero.
- 66** **Title of the work:** Aventuras en Catálisis Asimétrica
Name of the conference: Departamento de Química Inorgánica I, Facultad de Ciencias Químicas, Universidad Complutense, 01/2009
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Madrid, Spain
Date of event: 2009
End date: 2009
Maria del Carmen Claver Cabrero.
- 67** **Title of the work:** Chiral diphosphites: Pd catalyzed allylic substitution Ru catalyzed hydrogenation
Name of the conference: RENACOM 2009, Université Abdelmalek Essaadi, Faculté des Sciences, Departmet de Chimie, 04/2009
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Tétouan, Morocco
Date of event: 2009
End date: 2009
Maria del Carmen Claver Cabrero.
- 68** **Title of the work:** Challenges in Selective Catalysis from Modular Ligands to Metal Nanoparticles
Name of the conference: Gesellschaft Deutscher Chemiker Ortsverband Aachen Univevrsidad de Aachen, 02/2009
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Aachen, Germany
Date of event: 2009
End date: 2009
Maria del Carmen Claver Cabrero.
- 69** **Title of the work:** New Strategies in Asymmetric Catalysis
Name of the conference: IDECAT- Gordon Conference on Catalysis Porquerolles 31 Mayo-5 Junio 2008
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Porquerolles, France
Date of event: 2008
End date: 2008



Carmen Claver.

- 70** **Title of the work:** Stabilisation de nanoparticules de métaux de transition per des ligands carbohydrates: Applications en catalyse
Name of the conference: Equipe Synthèse Organique et Systèmes Organisés-ENSCR, 10/2008
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Rennes, France
Date of event: 2008
End date: 2008
Maria del Carmen Claver Cabrero.
- 71** **Title of the work:** Nanoparticles in Catalysis. The Nature of the Catalytic System
Name of the conference: Technical University of Eindhoven (Master), 09/2008
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Eindhoven, Holland
Date of event: 2008
End date: 2008
Maria del Carmen Claver Cabrero.
- 72** **Title of the work:** New Strategies in Asymmetric Catalysis
Name of the conference: Gordon II Conference. IDECAT Porquerolles 27-31 March 2008
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Porquerolles, France
Date of event: 2008
End date: 2008
Maria del Carmen Claver Cabrero.
- 73** **Title of the work:** New Strategies in Asymmetric Catalysis
Name of the conference: GThe First China-Spain Bilateral Symposium on Catalysis, 09/2008
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Shanghai, China
Date of event: 2008
End date: 2008
Maria del Carmen Claver Cabrero.
- 74** **Title of the work:** Phosphino-imidazoline modified ligands. Synthesis and application in iridium catalysed hydrogenation reactions.
Name of the conference: ISHC XVI International Symposium on Homogeneous Catalysis
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Florence, Italy
Date of event: 2008
End date: 2008
de la fuente, V.; Castellón, S.; Claver C."N: 254 poster".



- 75** **Title of the work:** Pd-Catalysed chemo- and stereoselective methoxycarbonylation of norbornene using monodentate and bidentate phosphine ligands
Name of the conference: ISHC XVI International Symposium on Homogeneous Catalysis
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Florence, Italy
Date of event: 2008
End date: 2008
Blanco, C.; Ruíz, A.; Claver, C."252 poster".
- 76** **Title of the work:** Chiral C₂-symmetry diphosphite ligands for the stabilization of Pd nanoparticles. Applications in enantioselective allylic substitution
Name of the conference: ISHC XVI International Symposium on Homogeneous Catalysis
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Florence, Italy
Date of event: 2008
End date: 2008
Angelica Balanta C; I. Favier; C. Godard; E. Teuma; M. Gómez; C. Claver. "P 253 poster".
- 77** **Title of the work:** Pd-CATALYSED CHEMIO-AND STEREOSELECTIVE METHOXYCARBONYLATION OF NORBORNENE USING MONODENTATE AND BIDENTATE PHOSPHINE LIGANDS
Name of the conference: XXVI Reunión Bienal del GEQO
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Santiago de Compostela, Spain
Date of event: 2008
End date: 2008
Blanco, C.; Ruiz, A.; Claver, C."PA65 poster".
- 78** **Title of the work:** Diphosphite Ligands Derived From Carbohydrates as Stabilizers for Ruthenium Nanoparticles: Promising Catalytic Systems in Arene Hydrogenation.
Name of the conference: XXIII International Conference on Organometallic Chemistry
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Rennes, France
Date of event: 2008
End date: 2008
A. Gual; C. Godard; K. Philippot; B. Chaudret; A. Denicourt-Nowicky; A. Roucoux; S. Castellón; C. Claver.
- 79** **Title of the work:** COST ACTION D40: INNOVATIVE CATALYSIS-NEW PROCESSES AND SELECTIVITIES
Name of the conference: The second Joint Meeting of Working Groups
Type of event: Conference **Geographical area:** International
Type of participation: Organizing committee
City of event: Tarragona (ESPAÑA), Spain
Date of event: 2008
End date: 2008
Maria del Carmen Claver Cabrero.



- 80** **Title of the work:** Estrategias en Catálisis Asimétrica
Name of the conference: Simposio Latinoamericano de Química Organometálica
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Bogota, Colombia
Date of event: 2007
End date: 2007
Carmen Claver. "L4".
- 81** **Title of the work:** Strategias in Asymmetric Catalysis
Name of the conference: 8º Encontro Nacional de Catalise e Materiais Porosos
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Portugal, Portugal
Date of event: 2007
End date: 2007
Carmen Claver.
- 82** **Title of the work:** Strategies in Asymmetric Catalysis:From Modular Ligands to Metal Nanoparticles
Name of the conference: Primer Simposio Latinoamericano de Química Organometalica, 08/2007
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Bogota, Colombia
Date of event: 2007
End date: 2007
Maria del Carmen Claver Cabrero.
- 83** **Title of the work:** Strategies in Asymmetric Catalysis
Name of the conference: 8º Encontro Nacional de Catalise e Materiais Porosos, 09/2007
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Lamego, Portugal
Date of event: 2007
End date: 2007
Maria del Carmen Claver Cabrero.
- 84** **Title of the work:** Asymmetric Carbonylation 'Rh hydroformylation and Pd methoxycarbonylation'
Name of the conference: Seminario. École Polytechnique Palaiseau, 29/03/2007
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Paris, France
Date of event: 2007
End date: 2007
Maria del Carmen Claver Cabrero.
- 85** **Title of the work:** Modular Ligands in Asymmetric Catalysis
Name of the conference: Université Orsay, 27/03/2007
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Paris, France
Date of event: 2007



End date: 2007

Maria del Carmen Claver Cabrero.

- 86** **Title of the work:** Asymmetric Catalysis: From carbohydrate ligands to metal nanoparticle catalysts
Name of the conference: Université Pierre Marie Curie(Seminario), 26/03/2007
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Paris, France
Date of event: 2007
End date: 2007
Maria del Carmen Claver Cabrero.
- 87** **Title of the work:** New Carbohydrate Derivative Diphosphite Ligands for Asymmetric Catalysis and Metal Nanoparticles Stabilization
Name of the conference: International Symposium on Relations between of Homogeneous and Heterogeneous Catalysis
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Berkeley, United States of America
Date of event: 2007
End date: 2007
Aitor Gual; Sergio Castellón; Karinne Philipot; Bruno Chaudret; Carmen Claver. "Poster 3-07".
- 88** **Title of the work:** 'Nanopartículas metálicas en catálisis asimétrica'
Name of the conference: Reunion de la Real Sociedad Española de Catálisis SECAT 07
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: BILBAO, Spain
Date of event: 2007
End date: 2007
Carmen Claver. "Oral 0-40".
- 89** **Title of the work:** Catalisis asimetrica: Ligandos Modulables y nanopartículas metálicas
Name of the conference: XX Simposio Iberoamericano de Catálisis
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Gramado-Rio Grande, Brazil
Date of event: 2006
End date: 2006
Carmen Claver. "V24-TC".
- 90** **Title of the work:** 'Asymmetric Carbonylation: Hydroformylation and Methoxycarbonylation'
Name of the conference: New Methods for Sustainability in Catalysis and Tecnique (2nd Symposium RTN)
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Rostock, Germany
Date of event: 2006
End date: 2006
Carmen Claver. "lecture 4b".



- 91** **Title of the work:** Asymmetric Carbonylation 'Rh hydroformylation and Pd methoxycarbonylation
Name of the conference: 2nd Symposium of Research Training Group 1213, 18/10/2006
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Rostock, Germany
Date of event: 2006
End date: 2006
Maria del Carmen Claver Cabrero.
- 92** **Title of the work:** Asymmetric Carbonylation 'Rh hydroformylation and Pd methoxycarbonylation
Name of the conference: Seminario, 06/11/2006
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Hamburgo, Germany
Date of event: 2006
End date: 2006
Maria del Carmen Claver Cabrero.
- 93** **Title of the work:** Palladium catalysed asymmetric methoxycarbonylation of styrene using mono- and bidentate phosphine ligands
Name of the conference: XXIIInd International conference on organometallic chemistry
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Zaragoza, Spain
Date of event: 2006
End date: 2006
Godard, C.; Muñoz, B.K.; Ruiz, A.; Claver, C.
- 94** **Title of the work:** Rhodium Complexes with C2 Symmetry Diphosphites Carbohydrate Derivatives as Ligands in Homogeneous Catalysis
Name of the conference: ICOMC 2006, XXII International Conference on Organometallic Chemistry
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Zaragoza, Spain
Date of event: 2006
End date: 2006
M.R. Axet; S. Castillon; J.Bennet; Carmen Claver. "O50".
- 95** **Title of the work:** Asymmetric Catalysis: From Carbohydrate Ligands to Metal Nanoparticles
Name of the conference: 15 ISHC . International Symposium on Homogeneous Catalysis
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Sun City South Africa, South African Republic
Date of event: 2006
End date: 2006
Carmen Claver.
- 96** **Title of the work:** Advantages and Applications of Modular Ligands in Enantioselective Catalysis
Name of the conference: XII International Symposium on Relations between Homogeneous and Heterogeneous Catalysis
Type of event: Conference **Geographical area:** International



Type of participation: Participatory - invited/keynote talk

City of event: Florencia, Italy

Date of event: 2005

End date: 2005

Carmen Claver. "KL07".

97 Title of the work: Modular chiral Ligands in Asymmetric Catalysis

Name of the conference: Pre-OMCOS 13

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Paris 15-17 Julio 2005, France

Date of event: 2005

End date: 2005

Rosa Axet; Bianca Muñoz; Aurora Ruiz; Sergio Castellón; Angela Marinetti; Carmen Claver. "Invited Lecture 2".

98 Title of the work: Asymmetric Catalysis:N,S,P Chiral Ligands

Name of the conference: ENSC Celebration 25 Anniversaire, 28/10/2005

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Toulouse, France

Date of event: 2005

End date: 2005

Maria del Carmen Claver Cabrero.

99 Title of the work: Asymmetric Catalysis: Versatile Phosphorus Chiral Ligands

Name of the conference: University of Utrecht (ICIQ), 07/11/2005

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Utrecht, Holland

Date of event: 2005

End date: 2005

Maria del Carmen Claver Cabrero.

100 Title of the work: Modular Ligands in Asymmetric Catalysis

Name of the conference: The Institute of Chemical Research of Catalonia (ICIQ), 07/10/2005

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Tarragona, Spain

Date of event: 2005

End date: 2005

Maria del Carmen Claver Cabrero.

101 Title of the work: Applications of Modular Ligands in Asymmetric Catalysis

Name of the conference: Johnson Matthey. Catalysis and Chiral Technologies meeting FAST 2004, Peterhouse, Cambridge, 17/03/2004

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Cambridge, United Kingdom

Date of event: 2004

End date: 2004



Maria del Carmen Claver Cabrero.

- 102** **Title of the work:** Ligandos quirales modificables. Aplicación en Catálisis Asimétrica
Name of the conference: JUniversidad de Barcelona, 22/02/2004
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Barcelona, Spain
Date of event: 2004
End date: 2004
Maria del Carmen Claver Cabrero.
- 103** **Title of the work:** Conferencia invitada S2C6: Influencia del ligando en reacciones de Copolimerización de CO/estireno catalizadas por complejos de Paladio
Name of the conference: XXIX Reunión Bienla de la RSEQ, Simposio 2 (GECO) Julio 2003
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Madrid, Spain
Date of event: 2003
End date: 2003
Maria del Carmen Claver Cabrero.
- 104** **Title of the work:** Applications of Modular Ligands in Stereoselective Catalysis
Name of the conference: COST chemistry D-24 WG 0003-01Meeting 'Cascade Catalysis by a Modular 'Toolbox' Approach, October2003
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Frascati (Roma), Spain
Date of event: 2003
End date: 2003
Maria del Carmen Claver Cabrero.
- 105** **Title of the work:** Influencia del ligando en reacciones de copolimerización Co/estireno catalizadas por complejo de paladio
Name of the conference: XXIX Reunión Bienal de la Real Sociedad Española de Química Simposio 2 (GECO), 08/07/2003
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Barcelona, Spain
Date of event: 2003
End date: 2003
Maria del Carmen Claver Cabrero.
- 106** **Title of the work:** Modular Ligands in Asymmetric Catalysis
Name of the conference: Leibniz Institut für Organische Katalyse, Universität Rostock, 08/09/2003
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Rostock, Germany
Date of event: 2003
End date: 2003
Maria del Carmen Claver Cabrero.



- 107** **Title of the work:** Modular Ligands in Asymmetric Catalysis
Name of the conference: 'Institutfor Organische Chemie' RWTH, 12/06/2003
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Aachen, Germany
Date of event: 2003
End date: 2003
Maria del Carmen Claver Cabrero.
- 108** **Title of the work:** Organización de congreso (1st year Meeting of the Network: ATOM-ECONOMIC SYNTHESIS USING PALLADIUM) Tarragona Spàin 24-27 September 2003
Name of the conference: 'Green Chemistry for a Sustainable Society'
Type of event: Conference **Geographical area:** International
Type of participation: Organizing committee
City of event: Tarragona, Spain
Date of event: 2003
End date: 2003
Maria del Carmen Claver Cabrero.
- 109** **Title of the work:** Ligandos quirales modificables para reacciones de hidrogenación e hidroformilación enantioselectiva. Poster S2P5
Name of the conference: XXIX Reunión Bienal de la Real Sociedad Española de Química (Simposio 2-GECO)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Madrid, Spain
Date of event: 2003
End date: 2003
Maria del Carmen Claver Cabrero.
- 110** **Title of the work:** Modular pyridine-imidazolineligands in palladium CO/tert-butylstyrene copolymerization
Name of the conference: 223 st ACS National Meeting in New Orleans
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: New Orleans, United States of America
Date of event: 2003
End date: 2003
C. Claver; A. Bastero; A.Ruiz; S. Castillon.
- 111** **Title of the work:** Comunicación oral: Hidrogenación asimétrica de iminas mediante complejos de iridio con ligandos fosforados derivados de carbohidrato. S201
Name of the conference: XXIX Reunión Bienal de la Real Sociedad Española de Química (Simposio 2-GECO)
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Madrid, Spain
Date of event: 2003
End date: 2003
Maria del Carmen Claver Cabrero.



- 112** **Title of the work:** Sugar Derivatives as Ligands in Rhodium Catalyzed Asymmetric Hydroformylation
Name of the conference: 10th Roermond Conference on Catalysis. Catalysis Section of the Royal Dutch Chemical Society, 07/06/2002
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Roermond, Holland
Date of event: 2002
End date: 2002
Maria del Carmen Claver Cabrero.
- 113** **Title of the work:** Ligands facilement modifiables, une voie pour la réussite en catalyse asymétrique
Name of the conference: Colloque Francophone, 06/2002
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Rabat, Morocco
Date of event: 2002
End date: 2002
Maria del Carmen Claver Cabrero.
- 114** **Title of the work:** L' utilisation des sucres comme ligands en catalyse asymétrique
Name of the conference: Seminaire de Chimie, 04/03/2002
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Bordeaux, France
Date of event: 2002
End date: 2002
Maria del Carmen Claver Cabrero.
- 115** **Name of the conference:** XIII International Symposium on Homogeneous Catalysis
Type of event: Conference **Geographical area:** International
Type of participation: Organizing committee
City of event: Tarragona (ESPAÑA), Spain
Date of event: 2002
End date: 2002
Maria del Carmen Claver Cabrero.
- 116** **Title of the work:** Research in Homogeneous catalysis: An overview
Name of the conference: BAYER AG Zentrale Forschung, 14/09/2001
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Leverkusen, Germany
Date of event: 2001
End date: 2001
Maria del Carmen Claver Cabrero.
- 117** **Title of the work:** Sugar derivatives as ligands for rhodium catalyzed asymmetric hydroformylation
Name of the conference: 221 st ACS National Meeting in San Diego 12th ISHC
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - poster
City of event: San Diego, United States of America
Date of event: 2001



End date: 2001

Claver, C.; Diéguez, M.; Ruiz, A.; Pàmies, O.; Castellón, S.

118 Title of the work: PRESENTACIÓN Y PROMOCIÓN DEL PRÓXIMO INTERNATIONAL SYMPOSIUM HOMOGENEOUS CATALYSIS (ISHC)

Name of the conference: International Symposium Homogeneous Catalysis

Type of event: Conference

Type of participation: Organizing committee

City of event: Spain

Date of event: 2001

End date: 2001

Organising entity: DGES - Dirección General de Enseñanza Superior

María del Carmen Orosia Claver Cabrero.

119 Title of the work: 13TH INTERNATIONAL SYMPOSIUM ON HOMOGENEOUS CATALYSIS

Name of the conference: 13th International Symposium on Homogeneous Catalysis

Type of event: Conference

Geographical area: International

Type of participation: Organizing committee

City of event: California, United States of America

Date of event: 2001

End date: 2001

María del Carmen Orosia Claver Cabrero.

120 Title of the work: Sugar derivatives as Ligands in Homogeneous Catalysis

Name of the conference: EURESCO Conferences. Inorganic Chemistry

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: S.Feliu de Guixols (Gerona), Spain

Date of event: 2000

End date: 2000

María del Carmen Claver Cabrero.

121 Title of the work: Intermediates in rhodium Asymmetric hydroformylation with phosphorous ligands. A comparative study.

Name of the conference: 12th International Symposium in Homogeneous Catalysis. 12ISHC

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Stockholm, Sweden

Date of event: 2000

End date: 2000

María del Carmen Claver Cabrero.

122 Title of the work: Reacciones de Polimerización

Name of the conference: Fundamentos y restos de la Catálisis Homogénea UIMP, Universidad Internacional Menéndez Pelayo, 23/10/2000

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Formigal (Huesca), Spain

Date of event: 2000

End date: 2000

María del Carmen Claver Cabrero.



- 123 Title of the work:** Catálisi amb metalls de Transició
Name of the conference: Els Nous Horitzons de la Química: Els terrenys interdisciplinars SOCIETAT CATALANA DE QUÍMICA, 10/2000
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Tarragona, Spain
Date of event: 2000
End date: 2000
Maria del Carmen Claver Cabrero.
- 124 Title of the work:** Sugar derivatives as ligands in Homogeneous Catalysis
Name of the conference: RHODIA Centre de Recherches de Lyon, 11/2000
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Lyon, France
Date of event: 2000
End date: 2000
Maria del Carmen Claver Cabrero.
- 125 Title of the work:** Sugar derivatives as ligands in Homogeneous Catalysis
Name of the conference: University Claude Bernard Lyon, 11/2000
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Lyon, France
Date of event: 2000
End date: 2000
Maria del Carmen Claver Cabrero.
- 126 Title of the work:** Sugar derivatives as ligands in Asymmetric Hydroformylation
Name of the conference: University of Wisconsin, Madison, 03/2000
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Madison, Wisconsin, United States of America
Date of event: 2000
End date: 2000
Maria del Carmen Claver Cabrero.
- 127 Title of the work:** New palladium catalysts for the alternating copolymerization of styrene with carbon monoxide
Name of the conference: 12th International Symposium in Homogeneous Catalysis 12thISHC
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Stockholm, Sweden
Date of event: 2000
End date: 2000
Bastero, A.; Claver, C.; Ruiz, A.; Guerrero, A.M.; Jalón, F.; Manzano, B.R."N: P12, pp: 64".
- 128 Title of the work:** Cationic Iridium (I) Complexes with Novel Cyclic Dithioether Ligands and their use in Asymmetric Hydrogenation
Name of the conference: 12th International Symposium in Homogeneous Catalysis 12thISHC



Type of event: Conference

Geographical area: International

Type of participation: Participatory - poster

City of event: Stockholm, Sweden

Date of event: 2000

End date: 2000

Martin, E.; Flores, L.; Masdeu, A.M.; Dieguez, M.; Claver, C."N: P67, pp: 119".

129 Title of the work: Highly enantioselective Hydroformylation of catalyzed by Rhodium (I) Complexes of new Chiral Diphosphite Ligand

Name of the conference: 12th International Symposium in Homogeneous Catalysis 12thISHC

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Stockholm, Sweden

Date of event: 2000

End date: 2000

Dieguez, M.; Pàmies, O.; Ruiz, A.; Castellón, S.; Claver, C."N: P49, pp: 1o1".

130 Title of the work: HIGHLIGHTS IN HOMOGENEOUS CATALYSIS

Name of the conference: Highlights in Homogeneous Catalysis

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Spain

Date of event: 2000

End date: 2000

Organising entity: CIRI - Consell Interdepartamental de Recerca i Innovació Tecnològica. Generalitat de Catalunya

Type of entity: **Comunitats Autònomes

Maria del Carmen Orosia Claver Cabrero.

131 Title of the work: Selectivity and recovery in homogeneous catalysis

Name of the conference: BAYER Leverkusen

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Leverkusen, Germany

Date of event: 1999

End date: 1999

Maria del Carmen Claver Cabrero.

132 Title of the work: Sugar derivatives as ligands in homogeneous catalysis

Name of the conference: OMCOS. 10th IUPAC Symposium on Organometallic Directed Towards Organic Synthesis

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Versailles, France

Date of event: 1999

End date: 1999

Maria del Carmen Claver Cabrero.

133 Title of the work: Selectivity and Recovery in Homogeneous Catalysis

Name of the conference: BAYER Central Research, 04/1999

Type of event: Conference

Geographical area: International



Type of participation: Participatory - invited/keynote talk

City of event: Leverkusen, Germany

Date of event: 1999

End date: 1999

Maria del Carmen Claver Cabrero.

134 Name of the conference: COST Action D12. Organic Transformations. Selective processes and Asymmetric Catalysis. Universitat Rovira i Virgili.

Type of event: Conference

Geographical area: International

Type of participation: Organizing committee

City of event: Tarragona (ESPAÑA), Spain

Date of event: 1999

End date: 1999

Maria del Carmen Claver Cabrero.

135 Title of the work: Hidroformulación asimétrica de olefinas con catalizadores de rodio

Name of the conference: Simposio Iberoamericano de Catálisis

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Cartagena de Indias, Colombia

Date of event: 1998

End date: 1998

Maria del Carmen Claver Cabrero.

136 Title of the work: Chiral Diphosphines in Asymmetric Hydroformylation

Name of the conference: 11th International Symposium in homogeneous catalysis (ISHC)

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: St. Andrews,

Date of event: 1998

End date: 1998

Maria del Carmen Claver Cabrero.

137 Title of the work: Adventures in homogeneous catalysis

Name of the conference: DUPONT Research Center Universite Claude Bernard, 06/1998

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Wilmington, Delaware, United States of America

Date of event: 1998

End date: 1998

Maria del Carmen Claver Cabrero.

138 Title of the work: Diphosphite ligands derived from furanoses for asymmetric hydrogenation

Name of the conference: 11th International Symposium on Homogeneous Catalysis (ISHC XI)

Type of event: Conference

Geographical area: International

Type of participation: Participatory - poster

City of event: St. Andrews (Escocia), United Kingdom

Date of event: 1998

End date: 1998

Pàmies, O.; Ruiz, A.; Net, G.; Claver, C.



- 139** **Title of the work:** Aplicación de una nueva fosfina derivada de azúcares en catálisis asimétrica
Name of the conference: XVII Reunión del Grupo Especializado de Química Organometálica (XVII Reunión GEQO)
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Barcelona, Spain
Date of event: 1998
End date: 1998
Pàmies, O.; Net, G.; Ruiz, A.; Claver, C.; Widhalm, M.; Nettekoven, U.
- 140** **Title of the work:** Complejos catiónicos de Rh(I) e Ir(I) con dioéteres y su aplicación en catálisis
Name of the conference: XVII Reunión del Grupo Especializado de Química Organometálica (XVII Reunión GEQO)
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Barcelona, Spain
Date of event: 1998
End date: 1998
Gomis, A.; Net, G.; Ruiz, A.; Claver, C.
- 141** **Title of the work:** Asymmetric Hydroformylation
Name of the conference: Chira Tech 97 Worldwide Conference. The Catalyst Group
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Philadelphia, Pennsylvania, United States of America
Date of event: 1997
End date: 1997
Maria del Carmen Claver Cabrero.
- 142** **Title of the work:** Asymmetric hydroformylation avec catalyseurs contenant dithiolate et dithioethers
Name of the conference: Laboratoire de Synthèse Asymétrique. Université Claude Bernard, 05/1997
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Lyon, France
Date of event: 1997
End date: 1997
Maria del Carmen Claver Cabrero.
- 143** **Title of the work:** Asymmetric homogeneous catalysis avec catalyseurs contenant sulfurs ligands
Name of the conference: Faculté des Sciences 'Gabriel'. Univ. Bourgogne, 05/1997
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Dijon, France
Date of event: 1997
End date: 1997
Maria del Carmen Claver Cabrero.
- 144** **Title of the work:** Asymmetric hydroformylation using dithiolate and dithioethers rhodium chiral complexes
Name of the conference: C.N.R.S. Laboratoire Chimie Coordination, 02/1997
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk



City of event: Toulouse, France

Date of event: 1997

End date: 1997

Maria del Carmen Claver Cabrero.

145 Title of the work: Asymmetric hydroformylation using modified rhodium catalyst. Dithiolate 'versus' diphosphine ligands

Name of the conference: Departament of Chemistry, Universidad de Amsterdam, 02/1997

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Amsterdam, Holland

Date of event: 1997

End date: 1997

Maria del Carmen Claver Cabrero.

146 Title of the work: S-Donor Ligands derived from furanoses for hydroformylation

Name of the conference: 9th IUPAC Symposium on Organometallic Chemistry (OMCOS'97)

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Göttingen, Germany

Date of event: 1997

End date: 1997

Pàmies Ollé, O.; Net, G.; Ruiz, A.; Claver Cabrero, C.

147 Title of the work: Hydroformylation Catalyst with Chiral Dithiolate Ligands

Name of the conference: International Symposium on Organometallic Chemistry and Catalysis

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Fuzhou, China

Date of event: 1996

End date: 1996

Maria del Carmen Claver Cabrero.

148 Title of the work: Mechanistic studies in Rh hydroformylation reactions

Name of the conference: XV Reunión del Grupo de Organometalicos (GECO), RSEQ, ERSEQ

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Sevilla, Spain

Date of event: 1996

End date: 1996

Maria del Carmen Claver Cabrero.

149 Title of the work: Hydroformylation asyemetrique a l'aide de complexes du rhodium

Name of the conference: Universite Claude-Bernard, 1996

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Lyon, France

Date of event: 1996

End date: 1996

Maria del Carmen Claver Cabrero.



- 150** **Title of the work:** Hydroformylation reactions catalyzed by rhodium complexes containing sulfur ligands
Name of the conference: University of Ottawa, 1996
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Ottawa, Canada
Date of event: 1996
End date: 1996
Maria del Carmen Claver Cabrero.
- 151** **Title of the work:** Hydroformylation rhodium catalyst containing sulfur ligands
Name of the conference: Departament of Chimie, Universidad de Tetuan, 04/1996
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Tetouan, Morocco
Date of event: 1996
End date: 1996
Maria del Carmen Claver Cabrero.
- 152** **Title of the work:** Hydroformylation rhodium catalyst containing sulfur ligands
Name of the conference: Departament of Chemistry, Universidad de Coimbra, 02/1996
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Coimbra, Portugal
Date of event: 1996
End date: 1996
Maria del Carmen Claver Cabrero.
- 153** **Title of the work:** Asymmetric hydroformylation using rhodium/BDPP system as catalytic precursor
Name of the conference: 10th International Symposium on Homogeneous Catalysis
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Princeton, United States of America
Date of event: 1996
End date: 1996
Castillón Miranda, S.; Orejón, A.; Castellanos, A.; Masdeu, A.M.; Claver, C.
- 154** **Title of the work:** ASYMMETRIC HYDROFORMYLATION USING RHODIUM/BDPP SYSTEM AS CATALYTIC PRECURSOR
Name of the conference: 10th International Symposium on Homogeneous Catalysis
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Princeton (USA), United States of America
Date of event: 1996
End date: 1996
Castillón Miranda, S.; Orejón, A.; Castellanos, A.; Masdeu, A.M.; Claver, C.
- 155** **Title of the work:** Hydroformylation rhodium catalyst containing sulfur ligands
Name of the conference: Departament of Chemistry, Universidad de Oxford, 11/1995
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Oxford, United Kingdom



Date of event: 1995

End date: 1995

Maria del Carmen Claver Cabrero.

- 156** **Title of the work:** New hydroformylation catalyst containing sulfur ligands
Name of the conference: Departament of Chemistry, Universidad de Amsterdam, 09/1995
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Amsterdam, Holland
Date of event: 1995
End date: 1995
Maria del Carmen Claver Cabrero.
- 157** **Name of the conference:** Comett course. Selectivity in metal promoted catalytic processes
Type of event: Conference **Geographical area:** International
Type of participation: Organizing committee
City of event: Peñíscola (ESPAÑA), Spain
Date of event: 1995
End date: 1995
Maria del Carmen Claver Cabrero.
- 158** **Name of the conference:** Esf Network. Workshop on Cluster Reactions and Catalysis
Type of event: Conference **Geographical area:** International
Type of participation: Organizing committee
City of event: Salou (Tarragona) (ESPAÑA), Spain
Date of event: 1994
End date: 1994
Maria del Carmen Claver Cabrero.
- 159** **Title of the work:** Advances in homogeneous catalysis
Name of the conference: Techniques and measurement in heterogeneous and homogeneous catalysis. COMETT
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Liverpool, United Kingdom
Date of event: 1993
End date: 1993
Maria del Carmen Claver Cabrero.
- 160** **Title of the work:** Idroformilazione di olefine catalizzata da complessi di rodio contenenti leganti solforati
Name of the conference: Dipartimento di Chimica. Univ. Sassari,
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Sassari, Italy
Date of event: 1993
End date: 1993
Maria del Carmen Claver Cabrero.
- 161** **Title of the work:** Catalyseurs d'Hydroformylation à ligands thiolates et thioethers
Name of the conference: Faculté des Sciences ' Gabriel'. Univ. Bourgogne
Type of event: Conference **Geographical area:** International



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CURRÍCULUM VITAE NORMALIZADO

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Type of participation: Participatory - invited/keynote talk

City of event: Bourgogne, France

Date of event: 1993

End date: 1993

Maria del Carmen Claver Cabrero.

162 Title of the work: Nuevos compuestos de rodio e iridio con ligandos S-dadores derivados del 1,1'binafitil. Reactividad y actividad catalítica

Name of the conference: XXIV Reunión Bienal de la Real Sociedad Española de Química

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Torremolinos (Málaga), Spain

Date of event: 1992

End date: 1992

Ruiz, N.; Ruiz, A.; Claver Cabrero, C.; Castellón, S.; Gladiali, S.; Fabbri, D.

163 Title of the work: Hidroformilación de ésteres y éteres alílicos con catalizadores de rodio(I)

Name of the conference: XI Reunión anual de Química Organometálica

Type of event: Conference

Type of participation: Participatory - poster

City of event: El Escorial, Spain

Date of event: 1991

End date: 1991

Castellón, S.; Claver Cabrero, C.; Le Bougeant, P.; Polo, A.; Ruiz, A.; Ruiz, N."N: 92".

164 Title of the work: Rh catalysed hydroformylation

Name of the conference: Italian-Portuguese-Spanish Meeting in inorganic Chemistry

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Gandía (Valencia), Spain

Date of event: 1990

End date: 1990

Maria del Carmen Claver Cabrero.

165 Title of the work: Hidroformilación de formaldehído con compuestos dinucleares de rodio (I) como catalizador

Name of the conference: Facultad de Ciencias Químicas de San Sebastián, Universidad del País Vasco

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: San Sebastian, Spain

Date of event: 1988

End date: 1988

Maria del Carmen Claver Cabrero.

166 Title of the work: Dinuclear rhodium complexes as catalyst precursors for the hydroformylation of alkenes

Name of the conference: School of Chemistry and Molecular Science. University de Sussex

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Brighthton, United Kingdom

Date of event: 1988

End date: 1988



Maria del Carmen Claver Cabrero.

- 167** **Name of the conference:** Jornadas sobre reactividad de compuestos organometálicos
Type of event: Conference
Type of participation: Organizing committee
City of event: Tarragona, Spain
Date of event: 1988
End date: 1988
Maria del Carmen Claver Cabrero.
- 168** **Title of the work:** Hydroformylation with Rh organometallic complexes
Name of the conference: XXI Reunión Bienal de la RSEQ. Reunión de Química Organometálica
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Santiago de Compostela, Spain
Date of event: 1986
End date: 1986
Maria del Carmen Claver Cabrero.
- 169** **Title of the work:** Dinuclear Rh complexes in hydroformylation reactions
Name of the conference: Atelier Metal-Metal. Societe Chimie de France
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: La Colle sur loup, France
Date of event: 1986
End date: 1986
Maria del Carmen Claver Cabrero.
- 170** **Name of the conference:** Reunión Especializada de Química Organometálica de la RSEQ
Type of event: Conference
Type of participation: Participatory - others
City of event: Tarragona (España), Spain
Date of event: 1983
End date: 1983
Maria del Carmen Claver Cabrero.

Other achievements

Stays in public or private R&D centres

- 1** **Entity:** Laboratoire de Chimie de Coordination du CNRS, Equipe C 'Catalyse et Chimie Fine ', composante de l'Ecole Nationale Supérieure des Ingénieurs en Arts Chimiques et Technologiques - INP Toulouse
City of entity: Toulouse, France
Start date: 2011 **Duration:** 2 months
Goals of the stay: **Altres (especificar)
Provable tasks: Chair of Excellence ' Pierre de Fermat' Region ' Midi-Pyrénées' 6 months in 2009-2012
ENSIACET-INP-CNRS



- 2** **Entity:** Laboratoire de Chimie de Coordination du CNRS, Equipe C 'Catalyse et Chimie Fine ', composante de l'Ecole Nationale Supérieure des Ingénieurs en Arts Chimiques et Technologiques - INP Toulouse
City of entity: Toulouse, France
Start date: 2010 **Duration:** 2 months
Goals of the stay: **Altres (especificar)
Provable tasks: Chair of Excellence ' Pierre de Fermat' Region ' Midi-Pyrinees' 6 months in 2009-2012 ENSIACET-INP-CNRS Research Supervision in Catalysis.
- 3** **Entity:** Rheinisch-Westfälische Technische Hochschule Aachen (RWTH)
City of entity: Aachen, Germany
Start date: 2009 **Duration:** 15 days
Goals of the stay: Guest
Provable tasks: Aplicaciones industriales de la Catalisis
- 4** **Entity:** Laboratoire de Chimie de Coordination du CNRS, Equipe C 'Catalyse et Chimie Fine ', composante de l'Ecole Nationale Supérieure des Ingénieurs en Arts Chimiques et Technologiques - INP Toulouse
City of entity: Toulouse, France
Start date: 2009 **Duration:** 2 months
Goals of the stay: **Altres (especificar)
Provable tasks: Chair of Excellence ' Pierre de Fermat' Region ' Midi-Pyrinees' 6 months ENSIACET-INP-CNRS during 2009-2011 Research supervision in catalysis.
- 5** **Entity:** Universidad de Concepcion
City of entity: Concepcion, Chile
Start date: 2008 **Duration:** 15 days
Goals of the stay: Guest
Provable tasks: Catálisis Homogénea: aplicaciones en catálisis asimétrica y química fina.
- 6** **Entity:** Ecole Nationale Supérieure des Ingénieurs en Arts Chimiques et Technologiques(ENSIACET)
City of entity: Toulouse, France
Start date: 2007 **Duration:** 1 month - 1 day
Goals of the stay: Guest
Provable tasks: Applications of asymmetric homogeneous catalysts
- 7** **Entity:** Universität of Rostock and Leibniz-Institut für Katalyse (IFOK)
City of entity: Rostock, Germany
Start date: 2006 **Duration:** 1 month - 1 day
Goals of the stay: Guest
Provable tasks: Profesor invitado en el Master 'Technik und Katalyse' Graduiertenkolleg am Leibniz-Institut für Katalyse, Universität Rostock Asignatura: 'Grundlagen der asymmetrischen Katalyse' (englisch)
- 8** **Entity:** Laboratoire de Chimie Organique et Organometallique UMR CNRS 5802 Université de Bordeaux I
City of entity: Bordeaux, France
Start date: 2002 **Duration:** 1 month - 1 day
Goals of the stay: Guest
Provable tasks: Catalyseurs du Rutenium: réactions de méthanèse. Dendrimers in Catalyse
- 9** **Entity:** Department of Chemistry. University of North Caroline at Chapel Hill
City of entity: Chapel Hill, United States of America
Start date: 1998 **Duration:** 3 months
Goals of the stay: Guest



Provable tasks: Polimerización mediante catalisis homogénea

- 10** **Entity:** Laboratoire de Synthèse et d'Electrosynthese Organométalliques. Université de Bourgogne
City of entity: Dijon, France
Start date: 1997 **Duration:** 1 month - 1 day
Goals of the stay: Guest
Provable tasks: E.O.UMR 5632
- 11** **Entity:** School of Chemistry and Molecula Science. University of Sussex. Grupo de investigación de la Dra. P. Chaloner
City of entity: Brighton, United Kingdom
Start date: 1988 **Duration:** 1 month - 1 day
Goals of the stay: Post-doctoral
Provable tasks: Síntesis de compuestos organometálicos de rodio e iridio con diaziridinas. Estudio de RMN
- 12** **Entity:** School of Chemistry and Molecula Science. University of Sussex. Grupo de investigación de la Dra. P. Chaloner
City of entity: Brighthon, United Kingdom
Start date: 1987 **Duration:** 1 month - 1 day
Goals of the stay: Post-doctoral
Provable tasks: Síntesis de compuestos organometálicos de rodio e iridio con diaziridinas. Estudio de RMN
- 13** **Entity:** Laboratoire de Catalyse et de Chimie Fine. Ecole Nationale Supérieure de Chimie. Director del Dpto.: Ph. Kalck
City of entity: Toulouse, France
Start date: 1985 **Duration:** 1 year
Goals of the stay: Post-doctoral
Provable tasks: Síntesis de organometálicos de rodio e iridio. Diversos procesos de hidroformilación

Summary of other achievements

- 1** **Description of the achievement:** Heavy Equipment: Espectrofotómetro IR; **Usuari assidu; 1975 -- 1992
- 2** **Description of the achievement:** Heavy Equipment: Cromatografía de Gases; **Usuari assidu; 1976 -- 1992
- 3** **Description of the achievement:** Heavy Equipment: Resonancia Magnética Nuclear; **Usuari assidu; 1978 -- 1992
- 4** **Description of the achievement:** Heavy Equipment: Reactores Instalación Presión; **Usuari assidu; 1985 -- 1992
- 5** **Description of the achievement:** Referee for:
Journal of the American Chemistry Society, Organometallics, Advanced Synthesis & Catalysis, Angewandte International Edition, Chemical Communications, Dalton Transactions, Journal of Molecular Catalysis, Journal of Catalysis, Applied Catalysis, European Journal of Chemistry, Inorganic Chemistry European Journal, Chem CatChem, ChemSusChem, ChemPlusChem, Green Chemistry, Molecules, Applied Organometallics. -

**Evaluation task:**

Scientific assessor of Catalan Agencies AGAUR and AQU, ANECA and ANEP (Ministerio Madrid) AERES and ANR in France, NSF and ACS in USA, IKERBASQUE, NOW Netherland. European Research Council evaluation of the ERC Advanced and Consolidator Grants 2013 call. Evaluation in Cooperation International Programme CONICYT, Chile.

Other recent research merits:

2015 External Assessor for the 'Scientific Council' IFP Energies Nouvelles, France

2012 Member of the Academia Europea

2010 Member of the Scientific Council of the 'Conseil National de la Recherche Scientifique' France

2009-present Member of the Editorial Board of ChemCatChem, Wiley

2008-present Member of the Editorial Board of Catalysis Communications, Elsevier

2006-2010 Member of the Advisory Board of Dalton Transactions of the Royal Society of Chemistry (UK)

Web of Science September 2017: total, 293 peer-reviewed contributions in major international journals, with a total number of times cited of 8060, an average citation by element of 27.51 yielding an h-index of 46

The publications in the last 5 years are 40 (36 articles, 2 reviews and 2 book chapters). Articles in specialized journals as well as interdisciplinary journals, as for instance Chemistry, Chem. Comm., Green Chemistry or ChemSusChem, ChemCatChem. Three patents are in preparation in the fields of metal nanoparticles as catalysts and discovery of new catalysts for fine chemicals (TOTAL and IFF). Projects from 2009 include 2 EU projects, 4 other projects from administrations and 6 were financed by industries.

Group leader of the OMICH consolidate group, her research team is distribute in two labs: URV and CTQC, (<http://www.cclavergroup.org>).

Awards:

Distinguished Researcher by the Catalan Governmen, 2003.

Distinguished Professor, University 'Rovira i Virgili', 2004.

Medal 'Narcis Monturiol', 2007.

'Chaire Pierre de Fermat' in France, 2009.

Correspondent member of the Royal Academy of Science of Spain, 2010.

Member of the Academia Europea, 2012.

Member of the Scientific Council of the 'Conseil National de la Recherche Scientifique' France 2009-present.

Vice rector of Research URV 1993-1997.

Scientific Director of the 'Technological Center for Chemistry of Catalonia' TECNIO, Tarragona from 2009.

'Ciamician-Gonzalez' Collaborative Agreement between the 'Real Sociedad Española de Química (RSEQ)' and the 'Società Chimica Italiana (SCI)', 2014.

'Miguel Catalán-Paul Sabatier' Price, Societé Chimie Française, 2016.

Scientific achievements: Breakthrough contributions in catalysts for hydrogenation, asymmetric carbonylation, C-C bond formation and mechanistic elucidation. Catalyst developed among the most efficient in Rh hydroformylation and Pd allylic substitution. Design of chiral ligands. Mechanistics studies in catalytic cycles. New nanocatalytic systems. Study of the nature of the catalytic system.

International Reviewer in the Tecnical Program Committee for TMRESM14 (The international conference on Technologies and Materials of Renewable Energy for a Sustainable Mediterranean-2014), organized by the Euro-meditarranean Institute for Sustainable Development (EUMISD).

Gold Medal for Organometallic Research, GEQO-RSEQ. In the framework of cooperation between Real Spanish Society of Chemistry and the Societé Chimica Italiana has been awarded the distinction Ciamician-González 2014 Lecturer Dr. Carmen Claver. This award is dedicated scientists Ciamician Giacomo and Antonio González, representing mutual recognition to the scientific milestones achieved and which represent valuable tool to foster scient...

- 6 Description of the achievement:** Conference in the 'Residencia de estudiantes, Madrid' : " Catálisis, la Alianza de la Química con el Desarrollo Sostenible' February 2011
Conference ' Grand Public' in Toulouse (France): ' Catalyse, L'aliance entre la chimie et le developement durable' May 2010
Publication in ' Quimica e Industria' ' Catalisis Asimetrica, 2010

- 7 Description of the achievement:** Distinguished Professor of the URV in 2006.
Coordinator of the Master 'Synthesis and Catalysis' 2008-2011, URV
Coordinator of the Forum 'Chemical and Energy' Campus of Excellence Catalonia South, CEICS 2011
Post-Graduate teaching courses at the University of Concepcion, Chile, 2007, 2008



CURRÍCULUM VÍTAE NORMALIZADO

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Erasmus Courses (Master) Eindhoven 2008, Trieste 2011
Professor in formation courses PROFID (URV) 2011 and 2012