



**Comisión Interministerial de Ciencia y
Tecnología**

Curriculum vitae

Name: Anton Vidal Ferran

Date: January 2026

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Past Scientific Experience

Position	R&D Centre	Institution	Date
Fellowship holder – Fundació J. Salañer (Predoctoral fellowship)		Chemical Institute of Sarrià (CETS Institut Químic de Sarrià, IQS)	01/01/1989 – 31/12/1991
Research Fellow in the Program “Human Capital and Mobility” (EU)		University of Cambridge – Chemical Laboratory	01/01/1993 – 31/12/1994
Hired Researcher in the Program “Programa de Reincorporación para Doctores y Tecnólogos en el Extranjero”		University of Barcelona – Department of Organic Chemistry	01/01/1995– 31/10/1996 01/04/1997– 30/04/1998
Associate Professor (1st Type 8P)		University of Barcelona – Department of Organic Chemistry	01/05/1998 – 31/12/1998
Hired Researcher in the Program “Programa de Reincorporación para Doctores y Tecnólogos en el Extranjero”		University of Barcelona – Department of Organic Chemistry	01/01/1999 – 31/08/1999
Visiting Scientist	Bayer AG Central Research Division - Leverkusen		01/09/1999 – 31/12/2000
Head of Laboratory	Bayer AG Central Research Division - Leverkusen		01/01/2001 – 31/01/2002
Head of Laboratory	Research Division, “Fine Chemicals” Unit, Bayer Chemicals, Bayer AG - Leverkusen		01/02/2002 – 31/08/2003
ICREA Research Professor		Catalan Institution for Research and Advanced Studies (ICREA)	From 01/09/2003
Group Leader		Institute of Chemical Research of Catalonia (ICIQ)	From 15/09/2003 – 25/02/2020
Research Professor and PI		Section of Inorganic Chemistry at the Department of Inorganic and Organic Chemistry of the University of Barcelona	From 28/10/2019 –

Languages (N = Normal, G = Good, P = Perfectly)

Language	Speaking	Reading	Writing
English	P	P	P
German	P	P	P

Participation in Research Projects

Project Title: "Síntesis Asimétrica con Participación de Metales de Transición" (Asymmetric Synthesis with Participation of Transition Metals)

Financial Entity: Comissió Interdepartamental de Recerca i Innovació Tecnològica de la Generalitat de Catalunya. Comisión Interministerial de Ciencia y Tecnología.

Length **From:** 1994

To: 1996

Project number: QFN93-4407

Amount: 125.782 €

Principal Researcher: Miquel A. Pericàs Brondo

Project Title: "Estudio por RMN en Estado Sólido de Ligandos Quirales Anclados a un Soporte Polimérico" (Study by Solid State NMR of Chiral Ligands Anchored to a Polymeric Support)

Financial Entity: Dirección General de Investigación Científica y Técnica (DGICYT)

Length **From:** 1996

To: 1997

Project number: HB1995-0030

Amount: 1.805 €

Principal Researcher: Miquel A. Pericàs Brondo and J.K.M. Sanders

Project Title: "Preparación de Materiales, Auxiliares y Ligandos Quirales. Utilización en Síntesis Asimétrica y en Catálisis Enantioselectiva" (Preparation of Materials, Auxiliaries and Chiral Ligands. Use in Asymmetric Synthesis and Enantioselective Catalysis)

Financial Entity: Dirección General de Investigación Científica y Técnica (DGICYT)

Length **From:** 1997

To: 1999

Project number: PB95-0265

Amount: 138.421 €

Principal Researcher: Miquel A. Pericàs Brondo

Project Title: "Aproximaciones Modulares a la Catálisis Asimétrica Homogénea: Síntesis de Nuevos Ligandos y Evaluación de sus Propiedades Catalíticas en Procesos Enantioselectivos" (Modular Approaches to Homogeneous Asymmetric Catalysis. Synthesis of New Ligands and Evaluation of its Catalytic Properties in Enantioselective Processes)

Financial Entity: Fundación Ramón Areces

Length **From:** 2004

To: 2008

Project number:

Amount: 120.000 €

Principal Researcher: Anton Vidal Ferran

Project Title: "Ligandos Modulares para la Catálisis Enantioselectiva: Diseño, Síntesis y Evaluación" (Modular Ligands for Enantioselective Catalysis: Design, Synthesis and Evaluation)

Financial Entity: Ministerio de Educación y Ciencia. Dirección general de Investigación

Length **From:** 2006

To: 2008

Project number: CTQ2005-02193/BQU

Amount: 345.000 €

Principal Researcher: Miquel A. Pericàs Brondo

Project Title: "Grup de Recerca en Sistemes Catalítics Modulars (SICAM)" (Research Group in Modular Catalytic Systems)

Financial Entity: AGAUR

Length **From:** 2006

To: 2008

Project number: 2005SGR225

Amount: 42.400 €

Principal Researcher: Miquel A. Pericàs Brondo

Project Title: "Transformaciones Catalíticas Eficientes sobre Productos Orgánicos hacia Productos de Valor Añadido para los Sectores de Ciencias de la Vida y Química Fina (ECOVALIS)" (Efficient Catalytic transformations on Organic-feedstocks towards Value-Added products for the Life-Sciences and Fine Chemical Sectors)

Financial Entity: Ministerio de Ciencia e Innovación (MICINN). Secretaría de Estado de Investigación, Desarrollo e Innovación, Agencia Estatal de Investigación

Program: Programa Estatal de Generación de Conocimiento y Fortalecimiento Científico y Tecnológico del Sistema de I+D+i y de I+D+i Orientada a los Retos de la Sociedad. Subprograma Estatal de Generación del Conocimiento

Length **From:** 2021 **To:** 2025

Project number: PID2020-115658GB-I00 **Amount:** 145.200 €

Principal Researcher: Anton Vidal Ferran

Project Title: "Procesos Mejorados para la Valorización de Productos Químicos mediante Hidroformilaciones Reguladas y Selectivas (IMPRESH)" (Improved Processes for the Valorization of Chemicals by Regulated and Selective Hydroformylations)

Financial Entity: Ministerio de Ciencia e Innovación (MICINN). Secretaría de Estado de Investigación, Desarrollo e Innovación, Agencia Estatal de Investigación

Program: Programa para la Realización de «Pruebas de Concepto» en el Marco del Programa Estatal De I+D+I Orientado a los Retos de la Sociedad, del Plan Estatal de Investigación Científica y Técnica y de Innovación 2017-2020

Length **From:** 2021 **To:** 2023

Project number: PDC2021-120826-I00 **Amount:** 132.250 €

Principal Researcher: Anton Vidal Ferran

Project Title: "FUNctional COordination COmpounds: Design and Applications (FUNCO2)

Financial Entity: AGAUR - Ajuts per donar suport a l'activitat científica dels grups de recerca de Catalunya - Grups Consolidats de Recerca (Grants to support the scientific activity of research groups in Catalonia – Consolidated Research Groups).

Length **From:** 2023 **To:** 2025

Project number: 2021SGR01107 **Amount:** 40.000 €

Principal Researcher: Anton Vidal Ferran

Project Title: "Aplicaciones innovadoras de compuestos de coordinacion funcionales para los sectores catalíticos y tecnológicos químicos (INNFACIT)" (INNOvative applications of FunctionAI coordination compounds to the Catalytic and Technological chemical sectors)

Financial Entity: Ministerio de Ciencia e Innovación (MICINN). Secretaría de Estado de Investigación, Desarrollo e Innovación, Agencia Estatal de Investigación

Program: Programa Estatal de Generación de Conocimiento y Fortalecimiento Científico y Tecnológico del Sistema de I+D+i y de I+D+i Orientada a los Retos de la Sociedad. Subprograma Estatal de Generación del Conocimiento

Length **From:** 2025 **To:** 2029

Project number: PID2024-159990NB-I00 **Amount:** 156.250 €

Principal Researcher: Anton Vidal Ferran

Project Title: "Estratègies innovadores per a l'avenç de la química de la hidroformilació" (Innovative Strategies Advancing Hydroformylation Chemistry)

Financial Entity: AGAUR Agència de Gestió d'Ajuts Universitaris i de Recerca – Generalitat de Catalunya (Agency for the Management of University and Research Grants – Catalan Government)

Program: Ajuts per a la contractació de personal investigador predoctoral en formació dins dels àmbits de les tecnologies STEP (FI-STEP); (Grants for the recruitment of predoctoral researchers in training within the fields of STEP technologies (FI-STEP))

Length **From:** 2025 **To:** 2028

Project number: 2025STEP00591 **Amount:** 88.762 €

Principal Researcher: Anton Vidal Ferran

Publications

Key: B = full book, BC = book chapter, A= article, R= review, E= editor

Authors (In Order of Authorship): P. Victory, J.I. Borrell, C. Seoane, J.L. Soto and **A. Vidal-Ferran**
Title: "Reaction of Chalcone with Propanedinitrile: A Controversial Chemical Process"
Journal/Book Title: Tetrahedron Lett. **Key: A**
Volume: 32 **Pages, initial:** 5375 **final:** 5378 **Year:** 1991
Place of publication: Great Britain
Order: 001

Authors (In Order of Authorship): A. Álvarez-Larena, J.F. Piniella, J.I. Borrell, **A. Vidal-Ferran**, P. Victory, G. Germain
Title: "Structure of 2-Amino-5-methylisophthalonitrile"
Journal/Book Title: Acta Crystallogr., Sect. C **Key: A**
Volume: C48 **Pages, initial:** 208 **final:** 209 **Year:** 1992
Place of publication: Great Britain
Order: 002

Authors (In Order of Authorship): P. Victory, A. Álvarez-Larena, X. Batllori, J.I. Borrell, **A. Vidal-Ferran**, J. Piniella
Title: "2,3,6-Trioxypentafulvenes, 3(1): Reactivity of 2,3,6- Trioxypentafulvenes in front of Electrophiles"
Journal/Book Title: An. Quim. **Key: A**
Volume: 88 **Pages, initial:** 499 **final:** 507 **Year:** 1992
Place of publication: Spain
Order: 003

Authors (In Order of Authorship): P. Victory, J.I. Borrell and **A. Vidal-Ferran**
Title: "A Simple Synthesis of 2-Methoxy pyridine-3-carbonitriles"
Journal/Book Title: Heterocycles **Key: A**
Volume: 36 **Pages, initial:** 769 **final:** 776 **Year:** 1993
Place of publication: Japan
Order: 004

Authors (In Order of Authorship): P. Victory, J.I. Borrell, J. Cirujeda and **A. Vidal-Ferran**
Title: "Synthesis of 2-Cyanamino-4,6-diphenylpyridine-3-carbonitrile"
Journal/Book Title: Heterocycles **Key: A**
Volume: 36 **Pages, initial:** 777 **final:** 783 **Year:** 1993
Place of publication: Japan
Order: 005

Authors (In Order of Authorship): P. Victory, J.I. Borrell, P. Castejón, B. Martínez-Teipel, **A. Vidal-Ferran**
Title: "Direct Substitution of a Methoxy Group by the Bromide Anion in Pyridine-3-carbonitriles: Synthesis of 2-Bromopyridine-3-carbonitriles from Enones or Enals in Two Steps"
Journal/Book Title: An. Quim. **Key: A**
Volume: 89 **Pages, initial:** 625 **final:** 628 **Year:** 1993
Place of publication: Spain
Order: 006

Authors (In Order of Authorship): M. Pallas, A. Jiménez, P. Victory, J.I. Borrell, **A. Vidal-Ferran**, E. Escubedo, J. Camarasa
Title: "Chemical Synthesis of New Pyridine Derivatives Acting as Inhibitors of Phosphodiesterase"
Journal/Book Title: Pharm. Pharmacol. Lett. **Key: A**
Volume: 3 **Pages, initial:** 36 **final:** 39 **Year:** 1993
Place of publication: Germany
Order: 007

Authors (In Order of Authorship): P. Victory, J.I. Borrell, **A. Vidal-Ferran**, E. Montenegro, M.L. Jimeno
Title: "Synthesis of 4-Amino-8-cyanoquinazolines from Enones and Enals in Two Steps"
Journal/Book Title: Heterocycles **Key: A**
Volume: 36 **Pages, initial:** 2273 **final:** 2280 **Year:** 1993
Place of publication: Japan
Order: 008

Authors (In Order of Authorship): A. Álvarez-Larena, J.F. Piniella, P. Victory, J.I. Borrell, **A. Vidal-Ferran**
Title: "Crystal Structure of 3-Amino-1-methyl-4,6-diphenylpyrazolo[3,4-*b*]pyridine, (C₆H₅)₂(CH₃)(NH₂)"
Journal/Book Title: Z. Kristallogr. **Key: A**
Volume: 209 **Pages, initial:** 773 **final:** 774 **Year:** 1994
Place of publication: Germany
Order: 009

Authors (In Order of Authorship): **A. Vidal-Ferran**, C. Müller, J.K.M. Sanders
Title: "A Convergent Approach to Unsymmetrical Porphyrin Oligomers"
Journal/Book Title: J. Chem. Soc., Chem. Commun. **Key: A**
Volume: **Pages, initial:** 2657 **final:** 2658 **Year:** 1994
Place of publication: Great Britain
Order: 010

Authors (In Order of Authorship): P. Victory, A. Álvarez-Larena, G. Germain, R. Kessels, J.F. Piniella, **A. Vidal-Ferran**
Title: "A Non-Obvious Reaction Pathway in the Formation of 2-Aminobenzene-1,3-dicarbonitriles from α,β -Unsaturated Ketones or Aldehydes"
Journal/Book Title: Tetrahedron **Key: A**
Volume: 51 **Pages, initial:** 235 **final:** 242 **Year:** 1995
Place of publication: Great Britain
Order: 011

Authors (In Order of Authorship): H.L. Anderson, C.J. Walter, **A. Vidal-Ferran**, R.A. Hay, P.A. Lowden, J.K.M. Sanders
Title: "Octatetrayne-linked Porphyrins: 'Stretched' Cyclic Dimers and Trimers with very Spacious Cavities"
Journal/Book Title: J. Chem. Soc., Perkin Trans. 1 **Key: A**
Volume: **Pages, initial:** 2275 **final:** 2279 **Year:** 1995
Place of publication: Great Britain
Order: 012

Authors (In Order of Authorship): P. Victory, J. Cirujeda, **A. Vidal-Ferran**
Title: "Two Step Synthesis of Pyrido[2,3-*d*]pyrimidines from Acyclic Precursors. Cyclization of 2-Cyanamino-4,6-diphenylpyridine-3-carbonitrile by Hydrogen Halides"
Journal/Book Title: Tetrahedron **Key: A**
Volume: 51 **Pages, initial:** 10253 **final:** 10258 **Year:** 1995
Place of publication: Great Britain
Order: 013

Authors (In Order of Authorship): **A. Vidal-Ferran**, C.M. Mueller, J.K.M. Sanders
Title: "A Convergent Approach to Unsymmetrical Porphyrin Oligomers" - Corrigendum
Journal/Book Title: Chem. Commun. (Cambridge) **Key: A**
Volume: 15 **Pages, initial:** 1849 **final:** 1850 **Year:** 1996
Place of publication: Great Britain
Order: 014

Authors (In Order of Authorship): A. Vidal-Ferran, Z. Clyde-Watson, N. Bampos, J.K.M. Sanders
Title: "Ethyne-linked Cyclic Porphyrin Oligomers: Synthesis and Binding Properties"
Journal/Book Title: J. Org. Chem. **Key: A**
Volume: 62 **Pages, initial:** 240 **final:** 241 **Year:** 1997
Place of publication: USA
Order: 015

Authors (In Order of Authorship): V. Marvaud, A. Vidal-Ferran, S. Webb, J.K.M. Sanders
Title: "Stereospecific Templated Synthesis of a Tris-Ruthenium Butadiyne- Linked Cyclic Porphyrin Trimer"
Journal/Book Title: J. Chem. Soc., Dalton Trans. **Key: A**
Volume: **Pages, initial:** 985 **final:** 990 **Year:** 1997
Place of publication: Great Britain
Order: 016

Authors (In Order of Authorship): Ll. Solà, A. Vidal-Ferran, A. Moyano, M.A. Pericàs, A. Riera
Title: "New indane derived aminoalcohols as chiral ligands for the catalytic enantioselective addition of diethylzinc to aldehydes"
Journal/Book Title: Tetrahedron: Asymmetry **Key: A**
Volume: 8 **Pages, initial:** 1559 **final:** 1568 **Year:** 1997
Place of publication: Great Britain
Order: 017

Authors (In Order of Authorship): Ll. Solà, A. Vidal-Ferran, A. Moyano, M.A. Pericàs, A. Riera
Title: "New indane derived aminoalcohols as chiral ligands for the catalytic enantioselective addition of diethylzinc to aldehydes" - Corrigendum
Journal/Book Title: Tetrahedron: Asymmetry **Key: A**
Volume: 8 **Pages, initial:** 3985 **final:** 3985 **Year:** 1997
Place of publication: Great Britain
Order: 018

Authors (In Order of Authorship): A. Vidal-Ferran, A. Moyano, M.A. Pericàs, A. Riera
Title: "Synthesis of a Family of Fine-Tunable New Chiral Ligands for Catalytic Asymmetric Synthesis. Ligand Optimization through the Enantioselective Addition of Diethylzinc to Aldehydes"
Journal/Book Title: J. Org. Chem. **Key: A**
Volume: 62 **Pages, initial:** 4970 **final:** 4982 **Year:** 1997
Place of publication: USA
Order: 019

Authors (In Order of Authorship): E. Medina, A. Vidal-Ferran, A. Moyano, M.A. Pericàs, A. Riera
Title: "Enantioselective Synthesis of *N*-Boc-1-Naphthylglycine"
Journal/Book Title: Tetrahedron: Asymmetry **Key: A**
Volume: 8 **Pages, initial:** 1581 **final:** 1586 **Year:** 1997
Place of publication: Great Britain
Order: 020

Authors (In Order of Authorship): A. Vidal-Ferran, A. Moyano, M.A. Pericàs, A. Riera
Title: "Computer Assisted, Mechanism Directed Design of a New Ligand for the Highly Enantioselective Catalytic Addition of Diethylzinc to Aldehydes"
Journal/Book Title: Tetrahedron Lett. **Key: A**
Volume: 38 **Pages, initial:** 8773 **final:** 8776 **Year:** 1997
Place of publication: Great Britain
Order: 021

Authors (In Order of Authorship): A. Vidal-Ferran, N. Bampos, J.K.M. Sanders
Title: "Stepwise Approach to Bimetallic Porphyrin Hosts: Spatially Enforced Coordination of a Ni(II) Porphyrin"
Journal/Book Title: Inorg. Chem. **Key:** A
Volume: 36 **Pages, initial:** 6117 **final:** 6126 **Year:** 1997
Place of publication: USA
Order: 022

Authors (In Order of Authorship): Z. Clyde-Watson, A. Vidal-Ferran, L.J. Twyman, C.J. Walter, D.W.J. McCallien, S. Fanni, N. Bampos, R.S. Wylie, J.K.M. Sanders
Title: "Reversing the Stereochemistry of a Diels-Alder Reaction: Use of Metalloporphyrin Oligomers to Control Transition State Stability"
Journal/Book Title: New. J. Chem. **Key:** A
Volume: **Pages, initial:** 493 **final:** 502 **Year:** 1998
Place of publication: Great Britain
Order: 023

Authors (In Order of Authorship): N. Bampos, Michèle R. Prinsep, Heyong He, A. Vidal-Ferran, A. Bashall, M. McPartlin, H. Powell, J.K.M. Sanders
Title: "¹³C CPMAS NMR Spectroscopy as a Probe for Porphyrin-Porphyrin and Host-Guest Interactions in the Solid State"
Journal/Book Title: J. Chem. Soc., Perkin Trans. 2 **Key:** A
Volume: **Pages, initial:** 715 **final:** 723 **Year:** 1998
Place of publication: Great Britain
Order: 024

Authors (In Order of Authorship): A. Vidal-Ferran, N. Bampos, A. Moyano, M.A. Pericàs, A. Riera, J.K.M. Sanders
Title: "High Catalytic Activity of Chiral Amino Alcohol Ligands Anchored to Polystyrene Resins"
Journal/Book Title: J. Org. Chem. **Key:** A
Volume: 63 **Pages, initial:** 6309 **final:** 6318 **Year:** 1998
Place of publication: USA
Order: 025

Authors (In Order of Authorship): Ll. Solà, K.S. Reddy, A. Vidal-Ferran, A. Moyano, M.A. Pericàs, A. Riera, A. Alvarez-Larena, J. Piniella
Title: "A Superior, Readily Available Enantiopure Ligand for the Catalytic Enantioselective Addition of Diethylzinc to α -Substituted Aldehydes"
Journal/Book Title: J. Org. Chem. **Key:** A
Volume: 63 **Pages, initial:** 7078 **final:** 7082 **Year:** 1998
Place of publication: USA
Order: 026

Authors (In Order of Authorship): N. Bampos, Z. Clyde-Watson, J.C. Hawley, C.C. Mak, A. Vidal-Ferran, S.J. Webb, J.K.M. Sanders
Title: "NMR Studies of Molecular Recognition by Metalloporphyrins"
Journal/Book Title: NMR in Supramolecular Chemistry – NATO ASI Series, Series C: Mathematical and Physical Sciences
ISSN: 0258-2023 **Key:** A
Volume: 526 **Pages, initial:** 37 **final:** 44 **Year:** 1999
Editorial (book): Kluwer Academic Publishers
Place of publication: Holland
Order: 027

Authors (In Order of Authorship): C. Jimeno, **A. Vidal-Ferran**, A. Moyano, M. Pericàs, A. Riera
Title: "The Dual-Catalyzed (Amino Alcohol/Lewis Acid) Enantioselective Addition of Diethylzinc to *N*-Diphenylphosphinoyl Imines"
Journal/Book Title: Tetrahedron Lett. **Key: A**
Volume: 40 **Pages, initial:** 777 **final:** 780 **Year:** 1999
Place of publication: Great Britain
Order: 028

Authors (In Order of Authorship): C. Puigjaner, **A. Vidal-Ferran**, A. Moyano, M.A. Pericas, A. Riera
Title: "A New Family of Modular Chiral Ligands for the Catalytic Enantioselective Reduction of Prochiral Ketones"
Journal/Book Title: J. Org. Chem. **Key: A**
Volume: 64 **Pages, initial:** 7902 **final:** 7911 **Year:** 1999
Place of publication: USA
Order: 029

Authors (In Order of Authorship): N. Bampos, **A. Vidal-Ferran**
Title: "Understanding NMR Multiplet Structure with WINDNMR"
Journal/Book Title: J. Chem. Educ. **Key: A**
Volume: 77 **Pages, initial:** 130 **final:** 133 **Year:** 2000
Place of publication: USA
Order: 030

Authors (In Order of Authorship): M. A. Pericàs, C. Puigjaner, A. Riera, **A. Vidal-Ferran**, M. Gómez, F. Jiménez, G. Muller, M. Rocamora
Title: "Modular Bis(oxazoline) Ligands for Palladium Catalyzed Allylic Alkylation. Unprecedented Conformational Behaviour of a Bis(oxazoline) Palladium η^3 -1,3-Diphenylallyl Complex"
Journal/Book Title: Chem. Eur. J. **Key: A**
Volume: 18 **Pages, initial:** 4164 **final:** 4178 **Year:** 2002
Place of publication: USA
Order: 031

Authors (In Order of Authorship): M. Fontes, X. Verdaguer, Ll. Solà, **A. Vidal-Ferran**, K. Subba Reddy, A. Riera, M.A. Pericàs
Title: "Addition of Diethylzinc to Dicobalt Hexacarbonyl Complexes of α,β -Acetylenic Aldehydes with Virtually Complete Enantioselectivity. A Formal Synthesis of (+)-Incrustoporin"
Journal/Book Title: Org. Lett. **Key: A**
Volume: 14 **Pages, initial:** 2381 **final:** 2383 **Year:** 2002
Place of publication: USA
Order: 032

Authors (In Order of Authorship): G. Islas-González, C. Puigjaner, **A. Vidal-Ferran**, A. Moyano, A. Riera, M.A. Pericàs
Title: "Boron Trifluoride-induced Reactions of Phenylglycidyl Ethers: A Convenient Synthesis of Enantiopure, Stereodefined Fluorohydrins"
Journal/Book Title: Tetrahedron Lett. **Key: A**
Volume: 45 **Pages, initial:** 6337 **final:** 6341 **Year:** 2004
Place of publication: Great Britain
Order: 033

Authors (In Order of Authorship): M.A. Pericàs, C. Jimeno, **A. Vidal-Ferran**
Title: "Catàlisis Enantioselectiva"
Journal/Book Title: "Química Sostenible – Desarrollo de Nuevos Procesos Químicos con Bajo Impacto Ambiental"
Key: BC
Volume: 45 **Pages, initial:** 98 **final:** 106 **Year:** 2004
Place of publication: Spain
Order: 034

Authors (In Order of Authorship): S. Rodríguez-Esrich, D. Popa, C. Jimeno, **A. Vidal-Ferran**, M.A. Pericàs
Title: "(S)-2-[(R)-Fluoro(phenyl)methyl] oxirane: a general reagent for determining the ee of α -chiral amines"
Journal/Book Title: Org. Lett. **Key:** A
Volume: 7 **Pages, initial:** 3829 **final:** 3832 **Year:** 2005
Place of publication: USA
Order: 035

Authors (In Order of Authorship): N. Nieto, P. Molas, J. Benet-Buchholz, **A. Vidal-Ferran**
Title: "Practical Synthesis of the Shi's Diester Fructose Derivative for Catalytic Asymmetric Epoxidation of Alkenes"
Journal/Book Title: J. Org. Chem. **Key:** A
Volume: 70 **Pages, initial:** 10143 **final:** 10146 **Year:** 2005
Place of publication: USA
Order: 036

Authors (In Order of Authorship): C. Jimeno, **A. Vidal-Ferran**, M.A. Pericàs
Title: "Ligand Anatomy: Probing Remote Substituent Effects in Asymmetric Catalysis through NMR and Kinetic Analysis"
Journal/Book Title: Org. Lett. **Key:** A
Volume: 8 **Pages, initial:** 3895 **final:** 3898 **Year:** 2006
Place of publication: USA
Order: 037

Authors (In Order of Authorship): S. Tatay, S.A. Haque, B. O'Regan, J.R. Durrant, W.J.H. Verhess, J.M. Kroon, **A. Vidal-Ferran**, P. Gaviña, E. Palomares
Title: "Kinetic Competition in Liquid Electrolyte and Solid-State Cyanine Dye Sensitized Solar Cells"
Journal/Book Title: J. Mater. Chem. **Key:** A
Volume: 17 **Pages, initial:** 3037 **final:** 3044 **Year:** 2007
Place of publication: Great Britain
Order: 038

Authors (In Order of Authorship): D. Popa, C. Puigjaner, M. Gómez, J. Benet-Buchholz, **A. Vidal-Ferran**, M.A. Pericàs
Title: "Phosphinooxazolines Derived from 3-Amino-1,2-diols: Highly Efficient Modular P-N Ligands"
Journal/Book Title: Adv. Synth. Catal. **Key:** A
Volume: 349 **Pages, initial:** 2265 **final:** 2278 **Year:** 2007
Place of publication: Germany
Order: 039

Authors (In Order of Authorship): A. Reynal, A. Forneli, E. Martínez-Ferrero, A. Sánchez-Díaz, **A. Vidal-Ferran**, E. Palomares
Title: "A Phenanthroline Heteroleptic Ruthenium Complex and its Application to Dye-Sensitized Solar Cells"
Journal/Book Title: Eur. J. Inorg. Chem. **Key:** A
Volume: **Pages, initial:** 1955 **final:** 1958 **Year:** 2008
Place of publication: Germany
Order: 040

Authors (In Order of Authorship): N. Nieto, I.J. Munslow, J. Barr, J. Benet-Buchholz, **A. Vidal-Ferran**
Title: "Dioxirane Mediated Asymmetric Epoxidations: Stereochemical Studies via Isotopic Labeling"
Journal/Book Title: Org. Biomol. Chem. **Key:** A
Volume: 6 **Pages, initial:** 2276 **final:** 2281 **Year:** 2008
Place of publication: Great Britain
Order: 041

Authors (In Order of Authorship): P. Ballester, **A. Vidal-Ferran**
Title: "Introduction to Supramolecular Catalysis"
Journal/Book Title: Supramolecular Catalysis **Key:** BC
ISBN: 978-3-527-32191-9 **Pages, initial:** 1 **final:** 27 **Year:** 2008
Editorial (book): Wiley-VCH
Place of publication: Germany
Order: 042

Authors (In Order of Authorship): H. Fernández-Pérez, M.A. Pericàs, **A. Vidal-Ferran**
Title: "Highly Modular P-OP Ligands for Asymmetric Hydrogenation"
Journal/Book Title: Adv. Synth. Catal. **Key:** A
Volume: 350 **Pages, initial:** 1984 **final:** 1990 **Year:** 2008
Place of publication: Germany
Highlighted in Synfacts 2008, (12), 1310
Order: 043

Authors (In Order of Authorship): S. Rodríguez-Esrich, K. Subba Reddy, C. Jimeno, G. Colet, C. Rodríguez-Esrich, L. Solà, **A. Vidal-Ferran**, M.A. Pericàs
Title: "Structural Optimization of Enantiopure 2-Cycloalkylamino-2-aryl-1,1-diphenylethanols as Catalytic Ligands for Enantioselective Additions to Aldehydes"
Journal/Book Title: J. Org. Chem. **Key:** A
Volume: 73 **Pages, initial:** 5340 **final:** 5353 **Year:** 2008
Place of publication: USA
Order: 044

Authors (In Order of Authorship): N. Nieto, I.J. Munslow, H. Fernández-Pérez, **A. Vidal-Ferran**
Title: "Exploring Substrate Scope of Shi-Type Epoxidations"
Journal/Book Title: Synlett **Key:** A
Volume: 18 **Pages, initial:** 2856 **final:** 2858 **Year:** 2008
Place of publication: Germany
Order: 045

Authors (In Order of Authorship): A. Reynal, A. Forneli, E. Martínez-Ferrero, A. Sánchez-Díaz, **A. Vidal-Ferran**, B.C. O'Regan, E. Palomares
Title: "Interfacial Charge Recombination Between e⁻-TiO₂ and the I⁻/I₃⁻ Electrolyte in Ruthenium Heteroleptic Complexes: Dye Molecular Structure-Open Circuit Voltage Relationship"
Journal/Book Title: J. Am. Chem. Soc. **Key:** A
Volume: 130 **Pages, initial:** 13558 **final:** 13567 **Year:** 2008
Place of publication: USA
Order: 046

Authors (In Order of Authorship): J. Etxebarria, **A. Vidal-Ferran**, P. Ballester
Title: "The Effect of Complex Stoichiometry in Supramolecular Chirality Transfer to Zinc Bisporphyrin Systems"
Journal/Book Title: Chem. Commun. **Key: A**
Volume: **Pages, initial:** 5939 **final:** 5941 **Year:** 2008
Place of publication: Great Britain
Order: 047

Authors (In Order of Authorship): A. Reynal, J. Albero, **A. Vidal-Ferran**, E. Palomares
Title: "Diastereoselectivity and Molecular Recognition of Mercury(II) Ions"
Journal/Book Title: Inorg. Chem. Commun. **Key: A**
Volume: 12 **Pages, initial:** 131 **final:** 134 **Year:** 2009
Place of publication: Great Britain
Order: 048

Authors (In Order of Authorship): D. Popa, R. Marcos, S. Sayalero, **A. Vidal-Ferran**, M.A. Pericàs
Title: "Towards Continuous Flow, Highly Enantioselective Allylic Amination: Ligand Design, Optimization and Supporting"
Journal/Book Title: Adv. Synth. Catal. **Key: A**
Volume: 351 **Pages, initial:** 1539 **final:** 1556 **Year:** 2009
Place of publication: Germany
Order: 049

Authors (In Order of Authorship): S.M.A. Donald, **A. Vidal-Ferran**, F. Maseras
Title: "A DFT/MM Analysis of the Effect of Ligand Substituents on Asymmetric Hydrogenation Catalyzed by Rhodium Complexes with Phosphine-Phosphinite Ligands"
Journal/Book Title: Can. J. Chem. **Key: A**
Volume: 87 **Pages, initial:** 1273 **final:** 1279 **Year:** 2009
Place of publication: Canada
Order: 050

Authors (In Order of Authorship): J. Etxebarria, H. Degenbeck, A.-S. Felten, S. Serres, N. Nieto, **A. Vidal-Ferran**
Title: "Supramolecular-Directed Chiral Induction in Biaryl Derivatives"
Journal/Book Title: J. Org. Chem. **Key: A**
Volume: 74 **Pages, initial:** 8794 **final:** 8797 **Year:** 2009
Place of publication: USA
Order: 051

Authors (In Order of Authorship): H. Fernández-Pérez, S.M.A. Donald, I.J. Munslow, J. Benet-Buchholz, F. Maseras, **A. Vidal-Ferran**
Title: "Highly Modular P-OP Ligands for Asymmetric Hydrogenation: Synthesis, Catalytic Activity and Mechanism"
Journal/Book Title: Chem. Eur. J. **Key: A**
Volume: 16 **Pages, initial:** 6495 **final:** 6508 **Year:** 2010
Place of publication: Germany
Highlighted in Synfacts 2010, (8), 905
Order: 052

Authors (In Order of Authorship): A. Reynal, J. Etxebarria, N. Nieto, S. Serres, E. Palomares, **A. Vidal-Ferran**
Title: "A Bipyridine-Based "Naked-Eye" Fluorimetric Cu²⁺ Chemosensor"
Journal/Book Title: Eur. J. Inorg. Chem. **Key: A**
Volume: **Pages, initial:** 1360 **final:** 1365 **Year:** 2010
Place of publication: Germany
Order: 053

Authors (In Order of Authorship): H. Fernández-Pérez, P. Etayo, J. L. Núñez-Rico, **A. Vidal-Ferran**
Title: "P-OP-mediated Asymmetric Hydrogenation of Functionalised Alkenes"
Journal/Book Title: Chim. Oggi – Chem. Today **Key: A**
Volume: 28 **Pages, initial:** XXVI **final:** XXVIII **Year:** 2010
Place of publication: Italy
Order: 054

Authors (In Order of Authorship): E. Reixach, N. Bonet, F. X. Rius-Ruiz, S. Wershofen, **A. Vidal-Ferran**
Title: "Zinc Acetates as Efficient Catalysts for the Synthesis of Bis-isocyanate Precursors"
Journal/Book Title: Ind. Eng. Chem. Res. **Key: A**
Volume: 49 **Pages, initial:** 6362 **final:** 6366 **Year:** 2010
Place of publication: USA
Order: 055

Authors (In Order of Authorship): S. Rodríguez-Esrich, D. Popa, C. Jimeno, **A. Vidal-Ferran**, M.A. Pericàs
Title: "(S)-2-[(S)-Fluoro(phenyl)methyl]oxirane: A General Reagent for Determining the ee of α -chiral Amines"
(Corrigendum to Org. Lett. 2005, 7, 3829-3832)
Journal/Book Title: Org. Lett. **Key: A**
Volume: 12 **Pages, initial:** 3116 **final:** 3116 **Year:** 2010
Place of publication: USA
Order: 056

Authors (In Order of Authorship): A. Panossian, H. Fernández-Pérez, D. Popa, **A. Vidal-Ferran**
Title: "Highly Modular P-OP Ligands in Asymmetric Allylic Substitution"
Journal/Book Title: Tetrahedron: Asymmetry **Key: A**
Volume: 21 **Pages, initial:** 2281 **final:** 2288 **Year:** 2010
Place of publication: Great Britain
Order: 057

Authors (In Order of Authorship): J. Albero, E. Martínez-Ferrero, D. Iacopino, **A. Vidal-Ferran**, E. Palomares
Title: "Interfacial Charge Transfer Dynamics in CdSe/dipole Molecules Coated Quantum Dot Polymer Blends"
Journal/Book Title: Phys. Chem. Chem. Phys. **Key: A**
Volume: 12 **Pages, initial:** 13047 **final:** 13051 **Year:** 2010
Place of publication: Great Britain
Order: 058

Authors (In Order of Authorship): M. A. Sarmentero, H. Fernández-Pérez, E. Zuidema, C. Bo, **A. Vidal-Ferran**, P. Ballester
Title: "Catalytic Hydrogenation of Norbornadiene by a Rhodium Complex in a Self-Folding Cavitand"
Journal/Book Title: Angew. Chem. Int. Ed. –VIP paper-- **Key: A**
Volume: 49 **Pages, initial:** 7489 **final:** 7492 **Year:** 2010
Place of publication: Germany
Order: 059

Authors (In Order of Authorship): M. Revés, C. Ferrer, T. León, S. Doran, P. Etayo, **A. Vidal-Ferran**, A. Riera, X. Verdaguer
Title: "Primary and Secondary Aminophosphines as Novel *P*-Stereoogenic Building Blocks for Ligand Synthesis"
Journal/Book Title: Angew. Chem. Int. Ed. **Key:** A
Volume: 49 **Pages, initial:** 9452 **final:** 9455 **Year:** 2010
Place of publication: Germany
Order: 060

Authors (In Order of Authorship): J. L. Núñez-Rico, H. Fernández-Pérez, J. Benet-Buchholz, **A. Vidal-Ferran**
Title: "Asymmetric Hydrogenation of Heteroaromatic Compounds Mediated by Iridium-(P-OP) Complexes"
Journal/Book Title: Organometallics **Key:** A
Volume: 29 **Pages, initial:** 6627 **final:** 6631 **Year:** 2010
Place of publication: USA
Order: 061

Authors (In Order of Authorship): H. Fernández-Pérez, P. Etayo, A. Panossian, **A. Vidal-Ferran**
Title: "Phosphine-Phosphinite and Phosphine-Phosphite Ligands: Preparation and Applications in Asymmetric Catalysis"
Journal/Book Title: Chem. Rev. **Key:** R
Volume: 111 **Pages, initial:** 2119 **final:** 2176 **Year:** 2011
Place of publication: USA
Order: 062

Authors (In Order of Authorship): D. Amilan Jose, I. Mon, H. Fernández-Pérez, E. C. Escudero-Adán, J. Benet-Buchholz, **A. Vidal-Ferran**
Title: "Allosteric P=O-Based Receptors for Dicarboxylic Acids"
Journal/Book Title: Org. Lett. **Key:** A
Volume: 13 **Pages, initial:** 3632 **final:** 3635 **Year:** 2011
Place of publication: USA
Order: 063

Authors (In Order of Authorship): M. Revés, C. Ferrer, T. León, S. Doran, P. Etayo, **A. Vidal-Ferran**, A. Riera, X. Verdaguer
Title: "Primary and Secondary Aminophosphines as Novel *P*-Stereoogenic Building Blocks for Ligand Synthesis" (Corrigendum to Angew. Chem. Int. Ed. 2010, 49, 9452-9455)
Journal/Book Title: Angew. Chem. Int. Ed. **Key:** A
Volume: 50 **Pages, initial:** 8776 **final:** 8776 **Year:** 2011
Place of publication: Germany
Order: 064

Authors (In Order of Authorship): P. Ballester, **A. Vidal-Ferran**, P. W. N. M. van Leeuwen
Title: "Modern Strategies in Supramolecular Catalysis"
Journal/Book Title: Advances in Catalysis **Key:** A
Volume: 54 **Pages, initial:** 63 **final:** 126 **Year:** 2011
Place of publication: USA
Order: 065

Authors (In Order of Authorship): P. Etayo, J. L. Núñez-Rico, H. Fernández-Pérez, **A. Vidal-Ferran**
Title: "Enantioselective Access to Chiral Drugs by using Asymmetric Hydrogenation Catalyzed by Rh(P-OP) Complexes"
Journal/Book Title: Chem. Eur. J. **Key: A**
Volume: 17 **Pages, initial:** 13978 **final:** 13982 **Year:** 2011
Place of publication: Germany
Highlighted in Synfacts 2012, 8(2), 181
Order: 066

Authors (In Order of Authorship): P. Etayo, J. L. Núñez-Rico, **A. Vidal-Ferran**
Title: "Chiral Rhodium Complexes Derived from Electron-Rich Phosphine-Phosphites as Asymmetric Hydrogenation Catalysts"
Journal/Book Title: Organometallics **Key: A**
Volume: 30 **Pages, initial:** 6718 **final:** 6725 **Year:** 2011
Place of publication: USA
Order: 067

Authors (In Order of Authorship): H. Degenbeck, A.-S. Felten, J. Etxebarria, E. C. Escudero-Adán, J. Benet-Buchholz, **A. Vidal-Ferran**
Title: "Crystallization-Induced Dynamic Resolution of Stereolabile Biaryl Derivatives Involving Supramolecular Interactions"
Journal/Book Title: Cryst. Growth Des. **Key: A**
Volume: 12 **Pages, initial:** 2719 **final:** 2723 **Year:** 2012
Place of publication: USA
Order: 068

Authors (In Order of Authorship): H. Degenbeck, A. S. Felten, E. C. Escudero-Adán, J. Benet-Buchholz, L. Di Bari, G. Pescitelli, **A. Vidal-Ferran**
Title: "New Chiral Zinc Complexes: Synthesis, Structure, and Induction of Axial Chirality"
Journal/Book Title: Inorg. Chem. **Key: A**
Volume: 51 **Pages, initial:** 8643 **final:** 8645 **Year:** 2012
Place of publication: USA
Order: 069

Authors (In Order of Authorship): J.L. Núñez-Rico, P. Etayo, H. Fernández-Pérez, **A. Vidal-Ferran**
Title: "Modular P-OP Ligands in Rhodium-Mediated Asymmetric Hydrogenation: A Comparative Catalysis Study"
Journal/Book Title: Adv. Synth. Catal. **Key: A**
Volume: 354 **Pages, initial:** 3025 **final:** 3035 **Year:** 2012
Place of publication: Germany
Order: 070

Authors (In Order of Authorship): E. Reixach, R. M. Haak, S. Wershofen, **A. Vidal-Ferran**
Title: "Alkoxyacylation of Industrially Relevant Anilines Using $Zn_4O(O_2CCH_3)_6$ as Catalyst"
Journal/Book Title: Ind. Eng. Chem. Res. **Key: A**
Volume: 51 **Pages, initial:** 16165 **final:** 16170 **Year:** 2012
Place of publication: USA
Order: 071

Authors (In Order of Authorship): P. Etayo, **A. Vidal-Ferran**

Title: "Rhodium-Catalysed Asymmetric Hydrogenation as a Valuable Synthetic Tool for the Preparation of Chiral Drugs"

Journal/Book Title: Chem. Soc. Rev.

Key: A

Volume: 42 **Pages, initial:** 728 **final:** 754 **Year:** 2013

Place of publication: Great Britain

Order: 072

Authors (In Order of Authorship): J. L. Núñez-Rico, **A. Vidal-Ferran**

Title: "[Ir(P-OP)]-Catalyzed Asymmetric Hydrogenation of Diversely Substituted C=N-Containing Heterocycles"

Journal/Book Title: Org. Lett.

Key: A

Volume: 15 **Pages, initial:** 2066 **final:** 2069 **Year:** 2013

Place of publication: USA

Order: 073

Authors (In Order of Authorship): I. Mon, D. Amilan Jose, **A. Vidal-Ferran**

Title: "Bis(phosphite) Ligands with Distal Regulation: Applications in Rhodium-mediated Asymmetric Hydroformylations"

Journal/Book Title: Chem. Eur. J.

Key: A

Volume: 19 **Pages, initial:** 2720 **final:** 2725 **Year:** 2013

Place of publication: Germany

Order: 074

Authors (In Order of Authorship): H. Fernández-Pérez, J. Benet-Buchholz, **A. Vidal-Ferran**

Title: "Small Bite-Angle P-OP Ligands for Asymmetric Hydroformylation and Hydrogenation"

Journal/Book Title: Org. Lett.

Key: A

Volume: 15 **Pages, initial:** 3634 **final:** 3637 **Year:** 2013

Place of publication: USA

Order: 075

Authors (In Order of Authorship): H. Fernández-Pérez, P. Etayo, J. R. Lao, J. L. Núñez-Rico, **A. Vidal-Ferran**

Title: "Catalytic Enantioselective Reductive Desymmetrisation of Achiral and *meso* Compounds"

Journal/Book Title: Chem. Commun. --Hot paper--

Key: A

Volume: 49 **Pages, initial:** 10666 **final:** 10675 **Year:** 2013

Place of publication: Great Britain

Order: 076

Authors (In Order of Authorship): P. Ballester, P. W. N. M. van Leeuwen, **A. Vidal-Ferran**

Title: "Supramolecular Catalysis"

Journal/Book Title: Comprehensive Inorganic Chemistry II: From Elements to Applications

Key: CB

Volume: **Pages, initial:** 457 **final:** 486 **Year:** 2013

Place of publication: Great Britain

Order: 077

Authors (In Order of Authorship): J. L. Núñez-Rico, H. Fernández-Pérez, **A. Vidal-Ferran**

Title: "Asymmetric Hydrogenation of Unprotected Indoles Using Iridium Complexes derived from P-OP Ligands and (Reusable) Brønsted Acids"

Journal/Book Title: Green Chem.

Key: A

Volume: 16 **Pages, initial:** 1153 **final:** 1157 **Year:** 2014

Place of publication: Great Britain

Order: 078

Authors (In Order of Authorship): M. Raynal, P. Ballester, **A. Vidal-Ferran**, P. W. N. M. van Leeuwen
Title: "Supramolecular Catalysis. Part 1: Non-covalent Interactions as a Tool for Building and Modifying Homogeneous Catalysts"
Journal/Book Title: Chem. Soc. Rev. **Key: A**
Volume: 43 **Pages, initial:** 1660 **final:** 1733 **Year:** 2014
Place of publication: Great Britain
Order: 079

Authors (In Order of Authorship): M. Raynal, P. Ballester, **A. Vidal-Ferran**, P. W. N. M. van Leeuwen
Title: "Supramolecular Catalysis. Part 2: Artificial Enzyme Mimics"
Journal/Book Title: Chem. Soc. Rev. **Key: A**
Volume: 43 **Pages, initial:** 1734 **final:** 1787 **Year:** 2014
Place of publication: Great Britain
Order: 080

Authors (In Order of Authorship): E. Cristóbal-Lecina, P. Etayo, S. Doran, M. Revés, P. Martín-Gago, A. Grabulosa, A. R. Costantino, **A. Vidal-Ferran**, A. Riera, X. Verdaguer
Title: "MaxPHOS Ligand: PH/NH Tautomerism and Rhodium-Catalyzed Asymmetric Hydrogenations"
Journal/Book Title: Adv. Synth. Catal. **Key: A**
Volume: 356 **Pages, initial:** 795 **final:** 804 **Year:** 2014
Place of publication: Germany
Order: 081

Authors (In Order of Authorship): J. R. Lao, J. Benet-Buchholz, **A. Vidal-Ferran**
Title: "1,1-P-OP Ligands with *P*-Stereogenic Phosphino Groups in Asymmetric Hydrogenations and Hydroformylations"
Journal/Book Title: Organometallics **Key: A**
Volume: 33 **Pages, initial:** 2960 **final:** 2963 **Year:** 2014
Place of publication: USA
Order: 082

Authors (In Order of Authorship): H. Fernández-Pérez, J. Benet-Buchholz, **A. Vidal-Ferran**
Title: "Enantiopure Narrow Bite-Angle P-OP Ligands: Synthesis, and Catalytic Performance in Asymmetric Hydroformylations and Hydrogenations"
Journal/Book Title: Chem. Eur. J. **Key: A**
Volume: 20 **Pages, initial:** 15375 **final:** 15384 **Year:** 2014
Place of publication: Germany
Order: 083

Authors (In Order of Authorship): H. Fernández-Pérez, P. Etayo, J. L. Núñez-Rico, B. Bugga, **A. Vidal-Ferran**
Title: "Ring-opening of Enantiomerically Pure Oxa-containing Heterocycles with Phosphorus Nucleophiles"
Journal/Book Title: RSC Adv. **Key: A**
Volume: 4 **Pages, initial:** 58440 **final:** 58447 **Year:** 2014
Place of publication: Great Britain
Order: 084

Authors (In Order of Authorship): H. Fernández-Pérez, I. Mon, A. Frontera, **A. Vidal-Ferran**
Title: "Enantiopure Bisphosphine Ligands with Appended Crown Ether Groups as Regulation Sites for Rh-mediated Hydrogenations"
Journal/Book Title: Tetrahedron **Key: A**
Volume: 71 **Pages, initial:** 4490 **final:** 4494 **Year:** 2015
Place of publication: Great Britain
Order: 085

Authors (In Order of Authorship): A. Vidal-Ferran, I. Mon, A. Bauzá, A. Frontera, L. Rovira
Title: "Supramolecularly Regulated Ligands for Asymmetric Hydroformylations and Hydrogenations"
Journal/Book Title: Chem. Eur. J. **Key:** A
Volume: 21 **Pages, initial:** 11417 **final:** 11426 **Year:** 2015
Place of publication: Germany
Highlighted in Advances in Engineering 6 October 2015
Order: 086

Authors (In Order of Authorship): B. Bugga, J. L. Núñez-Rico, A. Vidal-Ferran
Title: "Substrate Activation in the Catalytic Asymmetric Hydrogenation of *N*-Heteroarenes"
Journal/Book Title: Eur. J. Org. Chem. **Key:** A
Volume: 36 **Pages, initial:** 5293 **final:** 5303 **Year:** 2015
Place of publication: Germany
Order: 087

Authors (In Order of Authorship): J. R. Lao, H. Fernández-Pérez, A. Vidal-Ferran
Title: "Hydrogenative Kinetic Resolution of Vinyl Sulfoxides"
Journal/Book Title: Org. Lett. **Key:** A
Volume: 17 **Pages, initial:** 4114 **final:** 4117 **Year:** 2015
Place of publication: USA
Highlighted in Synfacts 2015, 11(11), 1184 and ChemInform 2016, 47, 02-28
Order: 088

Authors (In Order of Authorship): L. Cabau, I. Garcia-Benito, A. Molina-Ontoria, N. F. Montcada, N. Martín, A. Vidal-Ferran, E. Palomares
Title: "Diarylamino-substituted Tetraarylethene (TAE) as an Efficient and Robust Hole Transport Material for 11% Methyl Ammonium Lead Iodide Perovskite Solar Cells"
Journal/Book Title: Chem. Commun. **Key:** A
Volume: 51 **Pages, initial:** 13980 **final:** 13982 **Year:** 2015
Place of publication: Great Britain
Order: 089

Authors (In Order of Authorship): P. Ballester, P. W. N. M. van Leeuwen, A. Vidal-Ferran
Title: "Supramolecular Catalysis"
Journal/Book Title: Reference Module in Chemistry, Molecular Science and Chemical Engineering **Key:** CB
Volume: **Pages, initial:** 1 **final:** 32 **Year:** 2015
Place of publication: Great Britain
Order: 090

Authors (In Order of Authorship): L. Rovira, M. Vaquero, A. Vidal-Ferran
Title: "Asymmetric Hydroformylation of Heterocyclic Olefins Mediated by Supramolecularly Regulated Rhodium-Bisphosphite Complexes"
Journal/Book Title: J. Org. Chem. **Key:** A
Volume: 80 **Pages, initial:** 10397 **final:** 10403 **Year:** 2015
Place of publication: USA
Order: 091

Authors (In Order of Authorship): L. Rovira, H. Fernández-Pérez, A. Vidal-Ferran
Title: "Palladium-Based Supramolecularly Regulated Catalysts for Asymmetric Allylic Substitutions"
Journal/Book Title: Organometallics **Key:** A
Volume: 35 **Pages, initial:** 528 **final:** 533 **Year:** 2016
Place of publication: USA
Order: 092

Authors (In Order of Authorship): B. Bugga, **A. Vidal-Ferran**

Title: "A Practical Synthesis of Rhodium Precatalysts for Enantioselective Hydrogenative Transformations"

Journal/Book Title: Synthesis

Key: A

Volume: 48 **Pages, initial:** 997 **final:** 1001 **Year:** 2016

Place of publication: Germany

Order: 093

Authors (In Order of Authorship): A. Desmarchelier, X. Caumes, M. Raynal, **A. Vidal-Ferran**, P. W. N. M. van Leeuwen, L. Bouteiller

Title: "Correlation between the Selectivity and the Structure of an Asymmetric Catalyst Built on a Chirally Amplified Supramolecular Helical Scaffold"

Journal/Book Title: J. Am. Chem. Soc.

Key: A

Volume: 138 **Pages, initial:** 4908 **final:** 4916 **Year:** 2016

Place of publication: USA

Order: 094

Authors (In Order of Authorship): H. Fernández-Pérez, J. R. Lao, **A. Vidal-Ferran**

Title: "Stereoselective Rh-Catalyzed Hydrogenative Desymmetrization of Achiral Substituted 1,4-Dienes"

Journal/Book Title: Org. Lett.

Key: A

Volume: 18 **Pages, initial:** 2836 **final:** 2839 **Year:** 2016

Highlighted in ChemInform 2016, 47, 44-061

Place of publication: USA

Order: 095

Authors (In Order of Authorship): M. Vaquero, L. Rovira, **A. Vidal-Ferran**

Title: "Supramolecularly Fine-regulated Enantioselective Catalysts"

Journal/Book Title: Chem. Commun.

Key: A

Volume: 52 **Pages, initial:** 11038 **final:** 11051 **Year:** 2016

Highlighted in ChemInform 2016, 47, 45-231

Place of publication: Great Britain

Order: 096

Authors (In Order of Authorship): B. Bugga, A. Bauzá, A. Frontera, **A. Vidal-Ferran**

Title: "Asymmetric Hydrogenation of Seven-Membered C=N-Containing Heterocycles and Rationalization of the Enantioselectivity"

Journal/Book Title: Chem. Eur. J.

Key: A

Volume: 22 **Pages, initial:** 10607 **final:** 10613 **Year:** 2016

Highlighted in Synfacts 2016, 12(10), 1068

Place of publication: Germany

Order: 097

Authors (In Order of Authorship): L. Carreras, L. Rovira, M. Vaquero, I. Mon, E. Martin, J. Benet-Buchholz, **A. Vidal-Ferran**

Title: "Syntheses, Characterisation and Solid-state Study of Alkali and Ammonium BARF Salts"

Journal/Book Title: RSC Advances

Key: A

Volume: 7 **Pages, initial:** 32833 **final:** 32841 **Year:** 2017

Place of publication: Great Britain

Order: 098

Authors (In Order of Authorship): L. Carreras, M. Serrano-Torné, P. W. N. M. van Leeuwen, **A. Vidal-Ferran**

Title: "XBphos-Rh: a Halogen-bond Assembled Supramolecular Catalyst"

Journal/Book Title: Chem. Sci.

Key: A

Volume: 9 **Pages, initial:** 3644 **final:** 3648 **Year:** 2018

Highlighted in ChemistryViews 23rd February 2018; selected as one of the Most Popular 2018-2019 Supramolecular Chemistry Articles by the Royal Society of Chemistry, <https://pubs.rsc.org/en/journals/articlecollectionlanding?sercode=sc&themeid=5737c569-8f61-409b-a9c5-023240d22269>

Place of publication: Great Britain

Order: 099

-
- Authors (In Order of Authorship):** H. Fernández-Pérez, B. Bugga, **A. Vidal-Ferran**
Title: "Structural Investigations on Enantiopure P–OP Ligands: A High-Performing P–OP Ligand for Rhodium-Catalysed Hydrogenations"
Journal/Book Title: Eur. J. Org. Chem. **Key: A**
Volume: **Pages, initial:** 1525 **final:** 1532 **Year:** 2018
Place of publication: Germany
Order: 100
-
- Authors (In Order of Authorship):** C. Rodríguez-Seco, L. Cabau, **A. Vidal-Ferran**, E. Palomares
Title: "Advances in the Synthesis of Small Molecules as Hole Transport Materials for Lead Halide Perovskite Solar Cells"
Journal/Book Title: Acc. Chem. Res. **Key: A**
Volume: 51 **Pages, initial:** 869 **final:** 880 **Year:** 2018
Place of publication: USA
Order: 101
-
- Authors (In Order of Authorship):** R. Pudi, C. Rodríguez-Seco, **A. Vidal-Ferran**, P. Ballester, E. Palomares
Title: "*o,p*-Dimethoxybiphenyl Arylamine Substituted Porphyrins as Hole-Transport Materials: Electrochemical, Photophysical, and Carrier Mobility Characterization"
Journal/Book Title: Eur. J. Org. Chem. **Key: A**
Volume: **Pages, initial:** 2064 **final:** 2070 **Year:** 2018
Place of publication: Germany
Order: 102
-
- Authors (In Order of Authorship):** C. Rodríguez-Seco, S. Biswas, G. D. Sharma, **A. Vidal-Ferran**, E. Palomares
Title: "Benzothiadiazole Substituted Semiconductor Molecules for Organic Solar Cells: The Effect of the Solvent Annealing Over the Thin Film Hole Mobility Values"
Journal/Book Title: J. Phys. Chem. C **Key: A**
Volume: 122 **Pages, initial:** 13782 **final:** 13789 **Year:** 2018
Place of publication: USA
Order: 103
-
- Authors (In Order of Authorship):** C. Rodríguez-Seco, **A. Vidal-Ferran**, R. Misra, G. D. Sharma, E. Palomares
Title: "Efficient Non-polymeric Heterojunctions in Ternary Organic Solar Cells"
Journal/Book Title: ACS Appl. Energy Mater. **Key: A**
Volume: 1 **Pages, initial:** 4203 **final:** 4210 **Year:** 2018
Place of publication: USA
Order: 104
-
- Authors (In Order of Authorship):** N. Llorente, H. Fernández-Pérez, A. Bauzá, A. Frontera, **A. Vidal-Ferran**
Title: "Ni-Catalysed Intramolecular [4+4]-cycloadditions of bis-dienes towards Eight-membered Fused Bicyclic Systems: a Combined Experimental and Computational Study"
Journal/Book Title: Cat. Sci. Technol. **Key: A**
Volume: 8 **Pages, initial:** 5251 **final:** 5258 **Year:** 2018
Place of publication: Great Britain
Order: 105
-
- Authors (In Order of Authorship):** N. Llorente, H. Fernández-Pérez, J. L. Núñez-Rico, L. Carreras, A. Martínez-Carrión, E. Iniesta, A. Romero-Navarro, A. Martínez-Bascuñana, **A. Vidal-Ferran**
Title: "Efficient Modular Phosphorus-containing Ligands for Stereoselective Catalysis"
Journal/Book Title: Pure Appl. Chem. **Key: A**
Volume: 91 **Pages, initial:** 3 **final:** 15 **Year:** 2019
Place of publication: Germany
Order: 106
-

Authors (In Order of Authorship): L. Carreras, J. Benet-Buchholz, A. Franconetti, A. Frontera, P. W. N. M. van Leeuwen, **A. Vidal-Ferran**

Title: "Halogen Bonding Effects on the Outcome of Reactions at Metal Centres"

Journal/Book Title: Chem. Commun.

Key: A

Volume: 55 **Pages, initial:** 2380 **final:** 2383 **Year:** 2019

Place of publication: Great Britain

Order: 107

Authors (In Order of Authorship): I. Gelmetti, N. F. Montcada, A. Pérez-Rodríguez, E. Barrena, C. Ocal, I. García-Benito, A. Molina-Ontoria, N. Martín, **A. Vidal-Ferran**, E. Palomares

Title: "Energy Alignment and Recombination in Perovskite Solar Cells: Weighted Influence on the Open Circuit Voltage"

Journal/Book Title: Energy Environ. Sci.

Key: A

Volume: 12 **Pages, initial:** 1309 **final:** 1316 **Year:** 2019

Place of publication: Great Britain

Hot paper

Order: 108

Authors (In Order of Authorship): A. Martínez-Carrión, M. G. Howlett, C. Alamillo-Ferrer, A. D. Clayton, R. A. Bourne, A. Codina, **A. Vidal-Ferran**, R. W. Adams, J. Burés

Title: "Kinetic Treatments for Catalyst Activation and Deactivation Processes Based on Variable Time Normalization Analysis"

Journal/Book Title: Angew. Chem. Int. Ed.

Key: A

Volume: 58 **Pages, initial:** 10189 **final:** 10193 **Year:** 2019

Place of publication: Germany

Order: 109

Authors (In Order of Authorship): B. Puértolas, M. Rellán-Piñeiro, J. L. Núñez-Rico, A. P. Amrute, **A. Vidal-Ferran**, N. López, J. Pérez-Ramírez, S. Wershofen

Title: "Mechanistic Insights into the Ceria-Catalyzed Synthesis of Carbamates as Polyurethane Precursors"

Journal/Book Title: ACS Catal.

Key: A

Volume: 9 **Pages, initial:** 7708 **final:** 7720 **Year:** 2019

Place of publication: USA

Order: 110

Authors (In Order of Authorship): H. Fernández-Pérez, **A. Vidal-Ferran**

Title: "Stereoselective Catalytic Synthesis of *P*-Stereogenic Oxides via Hydrogenative Kinetic Resolution"

Journal/Book Title: Org. Lett.

Key: A

Volume: 21 **Pages, initial:** 7019 **final:** 7023 **Year:** 2019

Place of publication: USA

Order: 111

Authors (In Order of Authorship): M. N. Corella-Ochoa, J. B. Tapia, H. N. Rubin, V. Lillo, J. González-Cobos, J. L. Núñez-Rico, S. R. G. Balestra, N. Almora-Barrios, M. Lledós, A. Güell-Bara, J. Cabezas-Giménez, E. C. Escudero-Adán, **A. Vidal-Ferran**, S. Calero, M. Reynolds, C. Martí-Gastaldo, J. R. Galán-Mascarós

Title: "Homochiral Metal–Organic Frameworks for Enantioselective Separations in Liquid Chromatography"

Journal/Book Title: J. Am. Chem. Soc.

Key: A

Volume: 141 **Pages, initial:** 14306 **final:** 14316 **Year:** 2019

Highlighted in Chem. Eng. News, 23rd Sept. 2019, p. 9

Place of publication: USA

Order: 112

Authors (In Order of Authorship): A. Vidal-Ferran

Title: "Catalytic Reduction in Organic Synthesis, Vols. 1 and 2. Science of Synthesis, Workbench Edition Edited by J. G. de Vries"

Journal/Book Title: Angew. Chem. Int. Ed.

Key: A

Volume: 58 **Pages, initial:** 18744 **final:** 18744 **Year:** 2019

Place of publication: Germany

Order: 113

Authors (In Order of Authorship): J. C. Córdoba, A. Vidal-Ferran, M. Font-Bardia, A. Grabulosa

Title: "Palladium Complexes of Methylene-Bridged *P*-Stereogenic, Unsymmetrical Diphosphines"

Journal/Book Title: Organometallics

Key: A

Volume: 39 **Pages, initial:** 2511 **final:** 2525 **Year:** 2020

Place of publication: USA

Order: 114

Authors (In Order of Authorship): L. Carreras, A. Franconetti, A. Grabulosa, A. Frontera, A. Vidal-Ferran

Title: "Selective Functionalisation of Aromatic Alcohols with Supramolecularly Regulated Gold(I) Catalysts"

Journal/Book Title: Org. Chem. Front.

Key: A

Volume: 7 **Pages, initial:** 1626 **final:** 1634 **Year:** 2020

Place of publication: Great Britain

Order: 115

Authors (In Order of Authorship): H. Fernández-Pérez, J. R. Lao, A. Grabulosa, A. Vidal-Ferran

Title: "Exploiting Substrate Diversity for Preparing Synthetically Valuable Sulfoxides via Asymmetric Hydrogenative Kinetic Resolution"

Journal/Book Title: Eur. J. Org. Chem.

Key: A

Volume: 2020 **Pages, initial:** 4331 **final:** 4338 **Year:** 2020

Place of publication: Germany

Order: 116

Authors (In Order of Authorship): L. Han, J. González-Cobos, I. Sánchez-Molina, S. Giancola, S. J. Folkman, S. Giménez, A. Vidal-Ferran, J. R. Galán-Mascarós

Title: "A Low Temperature Aqueous Formate Fuel Cell Using Cobalt Hexacyanoferrate as a Non-Noble Metal Oxidation Catalyst"

Journal/Book Title: Sustain. Energy Fuels

Key: A

Volume: 4 **Pages, initial:** 6227 **final:** 6233 **Year:** 2020

Place of publication: Great Britain

Order: 117

Authors (In Order of Authorship): H. Fernández-Pérez, P. Lenartowicz, L. Carreras, A. Grabulosa, P. Kafarski, A. Vidal-Ferran

Title: "Access to α -Aminophosphonic Acid Derivatives and Phosphonopeptides by [Rh(P-OP)]-Catalyzed Stereoselective Hydrogenation"

Journal/Book Title: J. Org. Chem.

Key: A

Volume: 85 **Pages, initial:** 14779 **final:** 14784 **Year:** 2020

Place of publication: USA

Order: 118

Authors (In Order of Authorship): J. L. Núñez-Rico, M. Rellán-Piñeiro, B. Puértolas, N. López, J. Pérez-Ramírez, S. Wershofen, A. Vidal-Ferran

Title: "Enhanced Performance of Zirconium-Doped Ceria Catalysts for the Methoxycarbonylation of Anilines"

Journal/Book Title: Chem. Eur. J.

Key: A

Volume: 26 **Pages, initial:** 16129 **final:** 16137 **Year:** 2020

Hot Paper

Place of publication: Germany

Order: 119

Authors (In Order of Authorship): E. Iniesta, **A. Vidal-Ferran**

Title: "Supramolecularly Regulated Copper-Bisoxazoline Catalysts for the Efficient Insertion of Carbenoid Species into Hydroxyl Bonds"

Journal/Book Title: Chem. Commun.

Key: A

Volume: 56 **Pages, initial:** 6364 **final:** 6367 **Year:** 2020

Place of publication: Great Britain

Order: 120

Authors (In Order of Authorship): **A. Vidal-Ferran**

Title: "Supramolecularly Regulated Enantioselective Catalysts"

Journal/Book Title: Supramolecular Catalysis: New Directions and Developments; P.W.N.M. van Leeuwen; M. Raynal Eds.; Print ISBN:9783527349029, Online ISBN:9783527832033, DOI:10.1002/9783527832033.ch40

Key: CB

Volume: **Pages, initial:** 591 **final:** 603 **Year:** 2021

Place of publication: Wiley-VCH GmbH; Germany

Order: 121

Authors (In Order of Authorship): J. Cabezas-Giménez, V. Lillo, J. L. Núñez-Rico, M. N. Corella-Ochoa, J. Jover, J. R. Galán-Mascarós, **A. Vidal-Ferran**

Title: "Differentiation of Epoxide Enantiomers in the Confined Spaces of an Homochiral Cu(II) Metal-Organic Framework by Kinetic Resolution"

Journal/Book Title: Chem. Eur. J.

Key: A

Volume: 27 **Pages, initial:** 16956 **final:** 16965 **Year:** 2021

Place of publication: Germany

Order: 122

Authors (In Order of Authorship): C. González-Galán, M. de Fez-Febré, S. Giancola, J. González-Cobos, **A. Vidal-Ferran**, J. R. Galán-Mascarós, S. R. G. Balestra, S. Calero

Title: "Separation of Volatile Organic Compounds in TAMOF-1"

Journal/Book Title: ACS Appl. Mater. Interfaces.

Key: A

Volume: 14 **Pages, initial:** 30772 **final:** 30785 **Year:** 2022

Place of publication: USA

Order: 123

Authors (In Order of Authorship): A. Martínez-Carrión, A. Romero-Navarro, J. L. Núñez-Rico, A. Gutiérrez, A. Grabulosa, **A. Vidal-Ferran**

Title: "Valorisation of Mixtures of Linear Alkenes using Cobalt-Mediated Isomerisation and Hydroformylation Chemistries"

Journal/Book Title: Cat. Sci. Technol.

Key: A

Volume: 12 **Pages, initial:** 3219 **final:** 3227 **Year:** 2022

Place of publication: Great Britain

Order: 124

Authors (In Order of Authorship): M. Raynal, **A. Vidal-Ferran**

Title: "Supramolecular Regulation in Enantioselective Catalysis"

Journal/Book Title: Topics in Enantioselective Catalysis. Recent Achievements and Future Challenges; Series of books "Chemistry, Energy and Environment (<https://www.worldscientific.com/series/scee>)"; A. Marinetti Ed.

Key: CB

Volume: 9 **Pages, initial:** 59 **final:** 94 **Year:** 2022

Place of publication: World Scientific Publishing Co.; Singapore

Order: 125

Authors (In Order of Authorship): A. Vidal-Ferran; A. Grabulosa; X. Verdaguer; A. Riera
Title: "Asymmetric Hydrogenation"
Journal/Book Title: Catalytic Asymmetric Synthesis - Iwao Ojima; T. Akiyama Ed., 4th Ed. **Key:** CB
Volume: **Pages, initial:** 561 **final:** 616 **Year:** 2022
Place of publication: John Wiley & Sons, Inc.; Japan
Order: 126

Authors (In Order of Authorship): J. Eusamio, Y. M. Medina, J. C. Córdoba, A. Vidal-Ferran, D. Sainz, A. Gutiérrez, M. Font-Bardia, A. Grabulosa
Title: "Rhodium and Ruthenium Complexes of Methylene-Bridged, *P*-Stereogenic, Unsymmetrical Diphosphanes"
Journal/Book Title: Dalton Trans. **Key:** A
Volume: 2023 **Pages, initial:** 2485 **final:** 2494 **Year:** 2023
Place of publication: Great Britain
Order: 127

Authors (In Order of Authorship): J. L. Núñez-Rico, J. Cabezas-Giménez, V. Lillo, S. R. G. Balestra, J. R. Galán-Mascarós, S. Calero, A. Vidal-Ferran
Title: "TAMOF-1 as a Versatile and Predictable Chiral Stationary Phase for the Resolution of Racemic Mixtures"
Journal/Book Title: ACS Appl. Mater. Interfaces **Key:** A
Volume: 15 **Pages, initial:** 39594 **final:** 39605 **Year:** 2023
Place of publication: USA
Order: 128

Authors (In Order of Authorship): A. Martínez-Bascuñana, J. L. Núñez-Rico, L. Carreras, A. Vidal-Ferran
Title: "Counterion Variation: A Useful Lever for Maximizing the Regioselectivity in the Hydroboration of Terminal Alkynes"
Journal/Book Title: ACS Catal. **Key:** A
Volume: 13 **Pages, initial:** 10447 **final:** 10456 **Year:** 2023
Place of publication: USA
Order: 129

Authors (In Order of Authorship): J. Eusamio, N. Saumell, A. Vidal-Ferran, A. Grabulosa
Title: "Rhodium(I) Complexes with a η^1 -Fluorenyl-*P*-phosphanilyphosphorane Ligand"
Journal/Book Title: Inorg. Chem. **Key:** A
Volume: 63 **Pages, initial:** 13820 **final:** 13824 **Year:** 2024
Place of publication: USA
Order: 130

Authors (In Order of Authorship): S. Navale, I. Fort-Grandas, Y. Mendoza, P. Pellegrino, D. Sainz, A. Vidal-Ferran, A. Romano-Rodríguez
Title: "Zn-Based Triphenylene Metal–Organic Frameworks as a Chemiresistive Platform for Methane Detection"
Journal/Book Title: Proceedings (MDPI) **Key:** P
Volume: 97 **Pages, initial:** 137 **final:** 140 **Year:** 2024
Place of publication: Switzerland
Order: 131

Authors (In Order of Authorship): A. Vidal-Ferran, A. Moyano
Title: "Sobre la Formació Artificial de la Urea" (On the Artificial Formation of Urea. Catalan translation of the original article by F. Wöhler in 1828 in the *Annalen der Physik und Chemie*, 12 (2), p. 253-256.)
Journal/Book Title: Sobre la Formació Artificial de la Urea, book series "Clàssics de la Química" **Key:** B
Volume: 12 **Pages, initial:** **final:** **Year:** 2024
Place of publication: Barcelona, Institut d'Estudis Catalans
Order: 132

Authors (In Order of Authorship): A. Vidal-Ferran

Title: "Catalytic Stereoselective Silyl- and Boraformylations: Charting a Challenging Road Ahead"

Journal/Book Title: Angew. Chem. Int. Ed.

Key: A

Volume: 64 **Pages, initial:** e202512843 **final:** **Year:** 2025

Place of publication: Germany

Order: 133

Authors (In Order of Authorship): S. Capelo-Avilés, M. de Fez-Febré, S. R. G. Balestra, J. Cabezas-Giménez, R. Tomazini de Oliveira, I. I. Gallo Stampino, **A. Vidal-Ferran**, J. González-Cobos, V. Lillo, O. Fabelo, E. C. Escudero-Adán, L. R. Falvello, J. B. Parra, P. Rumori, G. Turnes Palomino, C. Palomino Cabello, S. Giancola, S. Calero, J. R. Galán-Mascarós

Title: "Selective adsorption of CO₂ in TAMOF-1 for the separation of CO₂/CH₄ gas mixtures"

Journal/Book Title: Nat. Commun.

Key: A

Volume: 16 **Pages, initial:** 3243 **final:** **Year:** 2025

Place of publication: UK

Order: 134

Authors (In Order of Authorship): A. Vidal-Ferran

Title: "The Rise of Halogen Bonding in (Stereo)Selective Supramolecular Catalysis"

Journal/Book Title: Coord. Chem. Rev.

Key: R

Volume: XX **Pages, initial:** in the press **final:** **Year:** 2026

Place of publication: The Netherlands

Order: 135

10 Relevant Publications

Key: B = full book, CB = chapter of book, A= article, R= review, E= editor

Authors (In Order of Authorship): A. Martínez-Bascuñana, J. L. Núñez-Rico, L. Carreras, **A. Vidal-Ferran**
Title: "Counterion Variation: A Useful Lever for Maximizing the Regioselectivity in the Hydroboration of Terminal Alkynes"
Journal/Book Title: ACS Catal. **Key: A**
Volume: 13 **Pages, initial:** 10447 **final:** 10456 **Year:** 2023
Place of publication: USA
Order: 129

Authors (In Order of Authorship): A. Martínez-Carrión, M. G. Howlett, C. Alamillo-Ferrer, A. D. Clayton, R. A. Bourne, A. Codina, **A. Vidal-Ferran**, R. W. Adams, J. Burés
Title: "Kinetic Treatments for Catalyst Activation and Deactivation Processes Based on Variable Time Normalization Analysis"
Journal/Book Title: Angew. Chem. Int. Ed. **Key: A**
Volume: 58 **Pages, initial:** 10189 **final:** 10193 **Year:** 2019
Place of publication: Germany
Order: 109

Authors (In Order of Authorship): B. Puértolas, M. Rellán-Piñeiro, J. L. Núñez-Rico, A. P. Amrute, **A. Vidal-Ferran**, N. López, J. Pérez-Ramírez, S. Wershofen
Title: "Mechanistic Insights into the Ceria-Catalyzed Synthesis of Carbamates as Polyurethane Precursors"
Journal/Book Title: ACS Catal. **Key: A**
Volume: 9 **Pages, initial:** 7708 **final:** 7720 **Year:** 2019
Place of publication: USA
Order: 110

Authors (In Order of Authorship) M. N. Corella-Ochoa, J. B. Tapia, H. N. Rubin, V. Lillo, J. González-Cobos, J. L. Núñez-Rico, S. R. G. Balestra, N. Almora-Barrios, M. Lledós, A. Güell-Bara, J. Cabezas-Giménez, E. C. Escudero-Adán, **A. Vidal-Ferran**, S. Calero, M. Reynolds, C. Martí-Gastaldo, J. R. Galán-Mascarós
Title: "Homochiral Metal–Organic Frameworks for Enantioselective Separations in Liquid Chromatography"
Journal/Book Title: J. Am. Chem. Soc. **Key: A**
Volume: 141 **Pages, initial:** 14306 **final:** 14316 **Year:** 2019
Highlighted in Chem. Eng. News, 23rd Sept. 2019, p. 9
Place of publication: USA
Order: 112

Authors (In Order of Authorship): L. Carreras, M. Serrano-Torné, P. W. N. M. van Leeuwen, **A. Vidal-Ferran**
Title: "XBphos-Rh: a Halogen-bond Assembled Supramolecular Catalyst"
Journal/Book Title: Chem. Sci. **Key: A**
Volume: 9 **Pages, initial:** 3644 **final:** 3648 **Year:** 2018
Highlighted in ChemistryViews 23rd February 2018; selected as one of the Most Popular 2018-2019 Supramolecular Chemistry Articles by the Royal Society of Chemistry, <https://pubs.rsc.org/en/journals/articlecollectionlanding?sercode=sc&themeid=5737c569-8f61-409b-a9c5-023240d22269>
Place of publication: Great Britain
Order: 099

Authors (In Order of Authorship): J. R. Lao, H. Fernández-Pérez, A. Vidal-Ferran
Title: "Hydrogenative Kinetic Resolution of Vinyl Sulfoxides"
Journal/Book Title: Org. Lett. **Key: A**
Volume: 17 **Pages, initial:** 4114 **final:** 4117 **Year:** 2015
Place of publication: USA
Highlighted in Synfacts 2015, 11(11), 1184 and ChemInform 2016, 47 02-28
Order: 088

Authors (In Order of Authorship): I. Mon, D. Amilan Jose, A. Vidal-Ferran
Title: "Bis(phosphite) Ligands with Distal Regulation: Applications in Rhodium-mediated Asymmetric Hydroformylations"
Journal/Book Title: Chem. Eur. J. **Key: A**
Volume: 19 **Pages, initial:** 2720 **final:** 2725 **Year:** 2013
Place of publication: Germany
Order: 074

Authors (In Order of Authorship): J. L. Núñez-Rico, A. Vidal-Ferran
Title: "[Ir(P-OP)]-Catalyzed Asymmetric Hydrogenation of Diversely Substituted C=N-Containing Heterocycles"
Journal/Book Title: Org. Lett. **Key: A**
Volume: 15 **Pages, initial:** 2066 **final:** 2069 **Year:** 2013
Place of publication: USA
Order: 073

Authors (In Order of Authorship): J.L. Núñez-Rico, P. Etayo, H. Fernández-Pérez, A. Vidal-Ferran
Title: "Modular P-OP Ligands in Rhodium-Mediated Asymmetric Hydrogenation: A Comparative Catalysis Study"
Journal/Book Title: Adv. Synth. Catal. **Key: A**
Volume: 354 **Pages, initial:** 3025 **final:** 3035 **Year:** 2012
Place of publication: Germany
Order: 070

Authors (In Order of Authorship): M. A. Sarmentero, H. Fernández-Pérez, E. Zuidema, C. Bo, A. Vidal-Ferran, P. Ballester
Title: "Catalytic Hydrogenation of Norbornadiene by a Rhodium Complex in a Self-Folding Cavitand"
Journal/Book Title: Angew. Chem. Int. Ed. –VIP paper– **Key: A**
Volume: 49 **Pages, initial:** 7489 **final:** 7492 **Year:** 2010
Place of publication: Germany
Order: 059

Participation in Research Contracts of Special Relevance with Companies and/or Private or Public Funding Bodies

Contract Title: "Exploración y Optimización de Vías de Síntesis para la Preparación de Principios Activos Farmacéuticos I" (Exploration and Optimization of Synthetic Strategies for the Preparation of Pharmaceutical Targets I)

Financial Entities: Medichem, S.A (Research activities performed at ICIQ)

Length From: 2004 **To:** 2005

Principal Researcher: Anton Vidal Ferran

Total Financial Support:

Contract Title: "Exploración y Optimización de Vías de Síntesis para la Preparación de Principios Activos Farmacéuticos II" (Exploration and Optimization of Synthetic Strategies for the Preparation of Pharmaceutical Targets II)

Financial Entities: Medichem, S.A. (Research activities performed at ICIQ)

Length From: 2004 **To:** 2006

Principal Researcher: Anton Vidal Ferran

Total Financial Support:

Contract Title: "Elaboración de Estrategias de Síntesis para la Preparación de Isocianatos sin Fosgeno" (Elaboration of Synthetic Strategies for the Preparation of Phosgene-free Isocyanates)

Financial Entities: Bayer MaterialScience (Research activities performed at ICIQ)

Length From: 2005 **To:** 2006

Principal Researcher: Anton Vidal Ferran

Total Financial Support:

Contract Title: "Exploración y Optimización de Vías de Síntesis para la Preparación de Principios Activos Farmacéuticos III" (Exploration and Optimization of Synthetic Strategies for the Preparation of Pharmaceutical Targets III)

Financial Entities: Medichem, S.A. (Research activities performed at ICIQ)

Length From: 2005 **To:** 2006

Principal Researcher: Anton Vidal Ferran

Total Financial Support:

Contract Title: "Exploración y Optimización de Vías de Síntesis para la Preparación de Principios Activos Farmacéuticos IV" (Exploration and Optimization of Synthetic Strategies for the Preparation of Pharmaceutical Targets IV)

Financial Entities: Medichem, S.A. (Research activities performed at ICIQ)

Length From: 2006 **To:** 2007

Principal Researcher: Anton Vidal Ferran

Total Financial Support:

Contract Title: "Preparación de Isocianatos sin Fosgeno" (Phosgene-free Preparation of Isocyanates)

Financial Entities: Bayer MaterialScience (Research activities performed at ICIQ)

Length From: 2006 **To:** 2009

Principal Researcher: Anton Vidal Ferran

Total Financial Support:

Contract Title: "Estudio de Procesos para la Preparación de Biscarbamatos por Metoxycarbonilación" (Study of Processes for the Preparation of Biscarbamates by Methoxycarbonylation)

Financial Entities: Bayer MaterialScience (Research activities performed at ICIQ)

Length From: 2009 **To:** 2011

Principal Researcher: Anton Vidal Ferran

Total Financial Support:

Contract Title: "Estudio de Procesos para la Preparación de Biscarbamatos por Metoxicarbonilación. Parte II"
(Study of Processes for the Preparation of Biscarbamates by Methoxycarbonylation. Part II)
Financial Entities: Bayer MaterialScience (Research activities performed at ICIQ)
Length **From:** 2011 **To:** 2013
Principal Researcher: Anton Vidal Ferran
Total Financial Support:

Contract Title: "Design, Preparation and Assessment of Heterogeneous Catalysts in the Methoxycarbonylation of Anilines. Part I"
Financial Entities: Bayer MaterialScience (Research activities performed at ICIQ)
Length **From:** 2013 **To:** 2015
Principal Researcher: Anton Vidal Ferran
Total Financial Support:

Contract Title: "Design, Preparation and Assessment of Heterogeneous Catalysts in the Methoxycarbonylation of Anilines Part II"
Financial Entities: Bayer MaterialScience (Research activities performed at ICIQ)
Length **From:** 2015 **To:** 2016
Principal Researcher: Anton Vidal Ferran
Total Financial Support:

Contract Title: "Conceptually New Catalytic Systems for the Methoxycarbonylation of Anilines. Part I"
Financial Entities: Covestro AG (Research activities performed at ICIQ)
Length **From:** 2016 **To:** 2017
Principal Researcher: Anton Vidal Ferran
Total Financial Support:

Contract Title: "Conceptually New Catalytic Systems for the Methoxycarbonylation of Anilines. Part II"
Financial Entities: Covestro AG (Research activities performed at ICIQ)
Length **From:** 2017 **To:** 2018
Principal Researcher: Anton Vidal Ferran
Total Financial Support:

Contract Title: "Conceptually New Catalytic Systems for the Methoxycarbonylation of Anilines. Part III"
Financial Entities: Covestro AG (Research activities performed at ICIQ)
Length **From:** 2018 **To:** 2019
Principal Researcher: Anton Vidal Ferran
Total Financial Support:

Contract Title: "Conceptually New Catalytic Systems for the Methoxycarbonylation of Anilines. Part IV"
Financial Entities: Covestro AG (Research activities performed at ICIQ until December 2019 and at the University of Barcelona from January 2020)
Length **From:** 2019 **To:** 2020
Principal Researcher: Anton Vidal Ferran
Total Financial Support:

Contract Title: "New Catalytic Systems for the *N*-carbamoylation of Anilines. Part I"
Financial Entities: Covestro AG (Research activities performed at the University of Barcelona)
Length **From:** 2020 **To:** 2021
Principal Researcher: Anton Vidal Ferran
Total Financial Support:

Contract Title: "New Catalytic Systems for the *N*-carbamoylation of Anilines. Part II"
Financial Entities: Covestro AG (Research activities performed at the University of Barcelona)
Length **From:** 2021 **To:** 2022
Principal Researcher: Anton Vidal Ferran
Total Financial Support:

Contract Title: "New Catalytic Systems for the *N*-carbamoylation of Anilines. Part III"
Financial Entities: Covestro AG (Research activities performed at the University of Barcelona)
Length **From:** 2022 **To:** 2023
Principal Researcher: Anton Vidal Ferran
Total Financial Support:

Patents and Utility Models

Inventors (In Order of Authorship): A. Vidal-Ferran, C. Casser, C. Alonso-Alija, M. Niehoff

Title: "Verfahren zur Herstellung von aminosubstituierten Malonsäuredinitrilen (Procedure for the production of amino-substituted malononitriles)"

Application Form No: DE 10057055 **Priority Country:** Germany **Priority Date:** 2002

Holder Entity: Bayer AG

Other Countries Where the Patent Has Been Extended To:

Companies That Are Licensing It:

Order: 001

Inventors (In Order of Authorship): K. Joschek, A. Vidal-Ferran, M. Jautelat, M. Schelhaas

Title: "Verfahren zur Herstellung von 4,5-Dihydro-1,3-thiazolen"

Application Form No: EP 1288207 **Priority Country:** Germany **Priority Date:** 2003

Holder Entity: Bayer AG

Other Countries Where the Patent Has Been Extended To: Europe

Companies That Are Licensing It:

Order: 002

Inventors (In Order of Authorship): K. Joschek, A. Vidal-Ferran, M. Jautelat, M. Schelhaas

Title: "One-pot synthesis of 4,5-dihydro-1,3-thiazoles"

Application Form No: JP 2003128658 **Priority Country:** Germany **Priority Date:** 2003

Holder Entity: Bayer AG

Other Countries Where the Patent Has Been Extended To: Japan

Companies That Are Licensing It:

Order: 003

Inventors (In Order of Authorship): K. Joschek, A. Vidal-Ferran, M. Jautelat, M. Schelhaas

Title: "One-pot synthesis of 4,5-dihydro-1,3-thiazoles"

Application Form No: CA 2399927 **Priority Country:** Germany **Priority Date:** 2003

Holder Entity: Bayer AG

Other Countries Where the Patent Has Been Extended To: Canada

Companies That Are Licensing It:

Order: 004

Inventors (In Order of Authorship): K. Joschek, A. Vidal-Ferran, M. Jautelat, M. Schelhaas

Title: "One-pot synthesis of 4,5-dihydro-1,3-thiazoles"

Application Form No: US 2003078433 **Priority Country:** Germany **Priority Date:** 2003

Holder Entity: Bayer AG

Other Countries Where the Patent Has Been Extended To: USA

Companies That Are Licensing It:

Order: 005

Inventors (In Order of Authorship): A. Vidal-Ferran, C. Casser, M. Niehoff

Title: "Verfahren zur Herstellung von Heteroaryllessingsäurenitrilen"

Application Form No: DE 10221470 **Priority Country:** Germany **Priority Date:** 2003

Holder Entity: Bayer AG

Other Countries Where the Patent Has Been Extended To:

Companies That Are Licensing It:

Order: 006

Inventors (In Order of Authorship): H.G. Schwarz, R. Andree, D. Hoischen, J. Kluth, K.H. Linker, Vidal-Ferran, M.W. Drewes, P. Dahmen, D. Feucht, R. Pontzen
Title: "Substituierte (Thioxo)carbonylaminophenyl-uracile"
Application Form No: WO 03/093244 **Priority Country:** Germany **Priority Date:** 2003
Holder Entity: Bayer AG
Other Countries Where the Patent Has Been Extended To: Worldwide
Companies That Are Licensing It:
Order: 007

Inventors (In Order of Authorship): H.G. Schwarz, R. Andree, D. Hoischen, J. Kluth, K.H. Linker, Vidal-Ferran, M.W. Drewes, P. Dahmen, D. Feucht, R. Pontzen
Title: "Preparation of N-[thio(oxo)carbonylaminophenyl]uracils as herbicides"
Application Form No: DE 10219434 **Priority Country:** Germany **Priority Date:** 2003
Holder Entity: Bayer AG
Other Countries Where the Patent Has Been Extended To: Europe
Companies That Are Licensing It:
Order: 008

Inventors (In Order of Authorship): H.G. Schwarz, R. Andree, D. Hoischen, J. Kluth, K.H. Linker, Vidal-Ferran, M.W. Drewes, P. Dahmen, D. Feucht, R. Pontzen
Title: "Preparation of N-[thio(oxo)carbonylaminophenyl]uracils as herbicides"
Application Form No: EP 1503994 **Priority Country:** Germany **Priority Date:** 2003
Holder Entity: Bayer AG
Other Countries Where the Patent Has Been Extended To: Europe
Companies That Are Licensing It:
Order: 009

Inventors (In Order of Authorship): H.G. Schwarz, R. Andree, D. Hoischen, J. Kluth, K.H. Linker, Vidal-Ferran, M.W. Drewes, P. Dahmen, D. Feucht, R. Pontzen
Title: "Preparation of N-[thio(oxo)carbonylaminophenyl]uracils as herbicides"
Application Form No: JP 2005535585 **Priority Country:** Germany **Priority Date:** 2003
Holder Entity: Bayer AG
Other Countries Where the Patent Has Been Extended To: Japan
Companies That Are Licensing It:
Order: 010

Inventors (In Order of Authorship): H.G. Schwarz, R. Andree, D. Hoischen, J. Kluth, K.H. Linker, Vidal-Ferran, M.W. Drewes, P. Dahmen, D. Feucht, R. Pontzen
Title: "Preparation of N-[thio(oxo)carbonylaminophenyl]uracils as herbicides"
Application Form No: US 2006089262 **Priority Country:** Germany **Priority Date:** 2003
Holder Entity: Bayer AG
Other Countries Where the Patent Has Been Extended To: USA
Companies That Are Licensing It:
Order: 011

Inventors (In Order of Authorship): H.G. Schwarz, R. Andree, D. Hoischen, J. Kluth, K.H. Linker, Vidal-Ferran, M.W. Drewes, P. Dahmen, D. Feucht, R. Pontzen
Title: "Preparation of N-[thio(oxo)carbonylaminophenyl]uracils as herbicides"
Application Form No: AU 2003240459 **Priority Country:** Germany **Priority Date:** 2003
Holder Entity: Bayer AG
Other Countries Where the Patent Has Been Extended To: Australia
Companies That Are Licensing It:
Order: 012

Inventors (In Order of Authorship): Geller, A. Gerlach, A. Vidal-Ferran, H.-C. Millitzer, R. Langer
Title: "Polyaminosäuren und Verfahren zu deren Herstellung"
Application Form No: WO 03/070808 **Priority Country:** Germany **Priority Date:** 2003
Holder Entity: Bayer AG
Other Countries Where the Patent Has Been Extended To: Worldwide
Companies That Are Licensing It:
Order: 013

Inventors (In Order of Authorship): Geller, A. Gerlach, A. Vidal-Ferran, H.-C. Millitzer, R. Langer
Title: " Polyamino acids and method for producing the same "
Application Form No: DE 10206793 **Priority Country:** Germany **Priority Date:** 2003
Holder Entity: Bayer AG
Other Countries Where the Patent Has Been Extended To: Europe
Companies That Are Licensing It:
Order: 014

Inventors (In Order of Authorship): Geller, A. Gerlach, A. Vidal-Ferran, H.-C. Millitzer, R. Langer
Title: Polyamino acids and method for producing the same "
Application Form No: AU 2003206901 **Priority Country:** Australia **Priority Date:** 2003
Holder Entity: Bayer AG
Other Countries Where the Patent Has Been Extended To: Worldwide
Companies That Are Licensing It:
Order: 015

Inventors (In Order of Authorship): Geller, A. Gerlach, A. Vidal-Ferran, H.-C. Millitzer, R. Langer
Title: " Polyamino acids and method for producing the same "
Application Form No: EP 1478680 **Priority Country:** Germany **Priority Date:** 2003
Holder Entity: Bayer AG
Other Countries Where the Patent Has Been Extended To: Europe
Companies That Are Licensing It:
Order: 016

Inventors (In Order of Authorship): Geller, A. Gerlach, A. Vidal-Ferran, H.-C. Millitzer, R. Langer
Title: " Polyamino acids and method for producing the same "
Application Form No: US 2005119445 **Priority Country:** Germany **Priority Date:** 2003
Holder Entity: Bayer AG
Other Countries Where the Patent Has Been Extended To: USA
Companies That Are Licensing It:
Order: 017

Inventors (In Order of Authorship): Geller, A. Gerlach, A. Vidal-Ferran, H.-C. Millitzer, R. Langer
Title: " Polyamino acids and method for producing the same "
Application Form No: CN 1636029 **Priority Country:** Germany **Priority Date:** 2003
Holder Entity: Bayer AG
Other Countries Where the Patent Has Been Extended To: China
Companies That Are Licensing It:
Order: 018

Inventors (In Order of Authorship): S. Rodríguez-Esrich, D. Popa, C. Jimeno, A. Vidal-Ferran, M.A. Pericàs
Title: "Novel Chiral Derivatizing Reagent for the Determination of Enantiomeric Excesses"
Application Form No: EP 1750119 **Priority Country:** Europe **Priority Date:** 2007
Holder Entity: ICIQ / ICREA
Other Countries Where the Patent Has Been Extended To:
Companies That Are Licensing It:
Order: 019

Inventors (In Order of Authorship): S. Rodríguez-Esrich, D. Popa, C. Jimeno, A. Vidal-Ferran, M.A. Pericàs
Title: "Novel Chiral Derivatizing Reagent for the Determination of Enantiomeric Excesses"
Application Form No: WO 2007017424 **Priority Country:** Europe **Priority Date:** 2007
Holder Entity: ICIQ / ICREA
Other Countries Where the Patent Has Been Extended To:
Companies That Are Licensing It:
Order: 020

Inventors (In Order of Authorship): N. Nieto, P. Molas, A. Vidal-Ferran
Title: "Efficient Synthesis of Asymmetric Epoxidation Catalyst I"
Application Form No: EP 1770094 **Priority Country:** Europe **Priority Date:** 2007
Holder Entity: ICIQ / ICREA
Other Countries Where the Patent Has Been Extended To:
Companies That Are Licensing It:
Order: 021

Inventors (In Order of Authorship): N. Nieto, P. Molas, A. Vidal-Ferran
Title: "Efficient Synthesis of Asymmetric Epoxidation Catalyst I"
Application Form No: WO 2007039492 **Priority Country:** Europe **Priority Date:** 2007
Holder Entity: ICIQ / ICREA
Other Countries Where the Patent Has Been Extended To:
Companies That Are Licensing It:
Order: 022

Inventors (In Order of Authorship): N. Nieto, P. Molas, A. Vidal-Ferran
Title: "Efficient Synthesis of Asymmetric Epoxidation Catalyst I"
Application Form No: WO 2007039493 **Priority Country:** Europe **Priority Date:** 2007
Holder Entity: ICIQ / ICREA
Other Countries Where the Patent Has Been Extended To:
Companies That Are Licensing It:
Order: 023

Inventors (In Order of Authorship): N. Nieto, P. Molas, J. Benet-Buchholz, A. Vidal-Ferran
Title: "Efficient Catalysts for the Asymmetric Epoxidation of Electron Deficient as well as non Electron Deficient Alkenes"
Application Form No: EP 1770095 **Priority Country:** Europe **Priority Date:** 2007
Holder Entity: ICIQ / ICREA
Other Countries Where the Patent Has Been Extended To:
Companies That Are Licensing It:
Order: 024

Inventors (In Order of Authorship): A. Gavaldá, J. Bosch, A. Vidal-Ferran, E. García
Title: "Processes for Preparing Intermediate Compounds Useful for the Preparation of Ezetimibe"
Application Form No: WO 119106 **Priority Country:** USA **Priority Date:** 2007
Holder Entity: Medichem S.A.
Other Countries Where the Patent Has Been Extended To:
Companies That Are Licensing It:
Order: 025

Inventors (In Order of Authorship): A. Gavaldá, J. Bosch, A. Vidal-Ferran, E. García
Title: "Processes for Preparing Intermediate Compounds Useful for the Preparation of Ezetimibe"
Application Form No: EP 1971573 **Priority Country:** USA **Priority Date:** 2007
Holder Entity: Medichem S.A.
Other Countries Where the Patent Has Been Extended To:
Companies That Are Licensing It:
Order: 026

Inventors (In Order of Authorship): A. Gavaldá, J. Bosch, A. Vidal-Ferran, E. García
Title: "Processes for Preparing Intermediate Compounds Useful for the Preparation of Ezetimibe"
Application Form No: CA 2634648 **Priority Country:** USA **Priority Date:** 2007
Holder Entity: Medichem S.A.
Other Countries Where the Patent Has Been Extended To:
Companies That Are Licensing It:
Order: 027

Inventors (In Order of Authorship): A. Gavaldá, J. Bosch, A. Vidal-Ferran, E. García
Title: "Processes for Preparing Intermediate Compounds Useful for the Preparation of Ezetimibe"
Application Form No: US 2009227786 **Priority Country:** USA **Priority Date:** 2007
Holder Entity: Medichem S.A.
Other Countries Where the Patent Has Been Extended To:
Companies That Are Licensing It:
Order: 028

Inventors (In Order of Authorship): A. Vidal-Ferran, H. Fernández-Pérez, M.A. Pericàs
Title: "New Phosphine-Phosphite Ligands"
Application Form No: WO 030626 **Priority Country:** Europe **Priority Date:** 2009
Holder Entity: ICIQ / ICREA
Other Countries Where the Patent Has Been Extended To:
Companies That Are Licensing It:
Order: 029

Inventors (In Order of Authorship): S. Wershofen, S. Klein, A. Vidal-Ferran, E. Reixach, F.X. Rius-Ruiz
Title: "Process for Preparing Aromatic Carbamates"
Application Form No: EP09003729 **Priority Country:** Europe **Priority Date:** 16/03/2009
Publication No: EP2230228 **Publication Date:** 22/09/2010
Holder Entity: Bayer MaterialScience AG
Other Countries Where the Patent Has Been Extended To: Europe
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 030

Inventors (In Order of Authorship): S. Wershofen, S. Klein, A. Vidal-Ferran, E. Reixach, F.X. Rius-Ruiz
Title: "Process for Preparing Aromatic Carbamates"
Application Form No: EP2010001563W **Priority Country:** Europe **Priority Date:** 16/03/2009
Publication No: WO2010105768A1 **Publication Date:** 23/09/2010
Holder Entity: Bayer MaterialScience AG
Other Countries Where the Patent Has Been Extended To: All Patent Cooperation Treaty (PCT) countries
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 031

Inventors (In Order of Authorship): S. Wershofen, S. Klein, A. Vidal-Ferran, E. Reixach, F.X. Rius-Ruiz
Title: "Process for Preparing Aromatic Carbamates"
Application Form No: EP2010001563W **Priority Country:** Europe **Priority Date:** 16/03/2009
Publication No: WO2010105768A8 **Publication Date:** 25/08/2011
Holder Entity: Bayer MaterialScience AG
Other Countries Where the Patent Has Been Extended To: All Patent Cooperation Treaty (PCT) countries
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 032

Inventors (In Order of Authorship): S. Wershofen, S. Klein, A. Vidal-Ferran, E. Reixach, F.X. Rius-Ruiz
Title: "Process for Preparing Aromatic Carbamates"
Application Form No: KR20117021491 **Priority Country:** Europe **Priority Date:** 16/03/2009
Publication No: KR20110139219 **Publication Date:** 28/12/2011
Holder Entity: Bayer MaterialScience AG
Other Countries Where the Patent Has Been Extended To: Korea
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 033

Inventors (In Order of Authorship): S. Wershofen, S. Klein, A. Vidal-Ferran, E. Reixach, F.X. Rius-Ruiz
Title: "Process for Preparing Aromatic Carbamates"
Application Form No: EP10713305 **Priority Country:** Europe **Priority Date:** 16/03/2009
Publication No: EP2408737A1 **Publication Date:** 25/01/2012
Holder Entity: Bayer MaterialScience AG
Other Countries Where the Patent Has Been Extended To: Europe
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 034

Inventors (In Order of Authorship): S. Wershofen, S. Klein, A. Vidal-Ferran, E. Reixach, F.X. Rius-Ruiz
Title: "Process for Preparing Aromatic Carbamates"
Application Form No: CN201080012312 **Priority Country:** Europe **Priority Date:** 16/03/2009
Publication No: CN102356062A **Publication Date:** 15/02/2012
Holder Entity: Bayer MaterialScience AG
Other Countries Where the Patent Has Been Extended To: China
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 035

Inventors (In Order of Authorship): S. Wershofen, S. Klein, A. Vidal-Ferran, E. Reixach, F.X. Rius-Ruiz
Title: "Process for Preparing Aromatic Carbamates"
Application Form No: US201013256969 **Priority Country:** Europe **Priority Date:** 16/03/2009
Publication No: US2012041223A1 **Publication Date:** 16/02/2012
Holder Entity: Bayer MaterialScience AG
Other Countries Where the Patent Has Been Extended To: USA
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 036

Inventors (In Order of Authorship): S. Wershofen, S. Klein, A. Vidal-Ferran, E. Reixach, F.X. Rius-Ruiz
Title: "Process for Preparing Aromatic Carbamates"
Application Form No: JP2012500118 **Priority Country:** Europe **Priority Date:** 16/03/2009
Publication No: JP2012520333 **Publication Date:** 06/09/2012
Holder Entity: Bayer MaterialScience AG
Other Countries Where the Patent Has Been Extended To: Japan
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 037

Inventors (In Order of Authorship): S. Wershofen, S. Klein, A. Vidal-Ferran, E. Reixach, F.X. Rius-Ruiz
Title: "Process for Preparing Aromatic Carbamates"
Application Form No: US201013256969 **Priority Country:** Europe **Priority Date:** 16/03/2009
Publication No: US8513453B2 **Publication Date:** 20/08/2013
Holder Entity: Bayer MaterialScience AG
Other Countries Where the Patent Has Been Extended To: USA
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 038

Inventors (In Order of Authorship): T. Dreier, S. Wershofen, A. Vidal, R. Haak
Title: "Zinc Cluster Compounds and their Use as Catalysts in the Reaction of Amines with Dialkyl Carbonates"
Application Form No: EP2014060174W **Priority Country:** Europe **Priority Date:** 22/05/2013
Publication No: WO2014187756 **Publication Date:** 27/11/2014
Holder Entity: Bayer MaterialScience AG
Other Countries Where the Patent Has Been Extended To: All Patent Cooperation Treaty (PCT) countries
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 039

Inventors (In Order of Authorship): S. Wershofen, S. Klein, A. Vidal-Ferran, E. Reixach, F.X. Rius-Ruiz
Title: "Process for Preparing Aromatic Carbamates"
Application Form No: JP2012500118 **Priority Country:** Europe **Priority Date:** 16/03/2009
Publication No: JP5645911 **Publication Date:** 24/12/2014
Holder Entity: Bayer MaterialScience AG
Other Countries Where the Patent Has Been Extended To: Japan
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 040

Inventors (In Order of Authorship): S. Wershofen, S. Klein, A. Vidal-Ferran, E. Reixach, F.X. Rius-Ruiz
Title: "Process for Preparing Aromatic Carbamates"
Application Form No: EP10713305 **Priority Country:** Europe **Priority Date:** 16/03/2009
Publication No: EP2408737B1 **Publication Date:** 22/04/2015
Holder Entity: Bayer IP GmbH
Other Countries Where the Patent Has Been Extended To: Europe
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 041

Inventors (In Order of Authorship): T. Dreier, S. Wershofen, A. Vidal, R. Haak
Title: "Zinc Cluster Compounds and their Use as Catalysts in the Reaction of Amines with Dialkyl Carbonates"
Application Form No: CN201480029298 **Priority Country:** Europe **Priority Date:** 22/05/2013
Publication No: CN105229015A **Publication Date:** 06/01/2016
Holder Entity: Bayer MaterialScience AG
Other Countries Where the Patent Has Been Extended To: China
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 042

Inventors (In Order of Authorship): T. Dreier, S. Wershofen, A. Vidal, R. Haak
Title: "Zinc Cluster Compounds and their Use as Catalysts in the Reaction of Amines with Dialkyl Carbonates"
Application Form No: KR20157032931 **Priority Country:** Europe **Priority Date:** 22/05/2013
Publication No: KR20160009565 **Publication Date:** 26/01/2016
Holder Entity: Covestro Deutschland AG
Other Countries Where the Patent Has Been Extended To: Korea
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 043

Inventors (In Order of Authorship): S. Wershofen, S. Klein, A. Vidal-Ferran, E. Reixach, F.X. Rius-Ruiz
Title: "Process for Preparing Aromatic Carbamates"
Application Form No: HUE10713305 **Priority Country:** Europe **Priority Date:** 16/03/2009
Publication No: HUE025054 **Publication Date:** 28/01/2016
Holder Entity: Bayer IP GmbH
Other Countries Where the Patent Has Been Extended To: Hungary
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 044

Inventors (In Order of Authorship): S. Wershofen, S. Klein, A. Vidal-Ferran, E. Reixach, F.X. Rius-Ruiz
Title: "Process for Preparing Aromatic Carbamates"
Application Form No: CN201080012312 **Priority Country:** Europe **Priority Date:** 16/03/2009
Publication No: CN102356062B **Publication Date:** 30/03/2016
Holder Entity: Bayer MaterialScience AG
Other Countries Where the Patent Has Been Extended To: China
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 045

Inventors (In Order of Authorship): T. Dreier, S. Wershofen, A. Vidal, R. Haak
Title: "Zinc Cluster Compounds and their Use as Catalysts in the Reaction of Amines with Dialkyl Carbonates"
Application Form No: EP14725420 **Priority Country:** Europe **Priority Date:** 22/05/2013
Publication No: EP2999705A1 **Publication Date:** 30/03/2016
Holder Entity: Covestro Deutschland AG
Other Countries Where the Patent Has Been Extended To: Europe
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 046

Inventors (In Order of Authorship): T. Dreier, S. Wershofen, A. Vidal, R. Haak
Title: "Zinc Cluster Compounds and their Use as Catalysts in the Reaction of Amines with Dialkyl Carbonates"
Application Form No: US201414890053 **Priority Country:** Europe **Priority Date:** 22/05/2013
Publication No: US2016194277A1 **Publication Date:** 07/07/2016
Holder Entity: Covestro Deutschland AG
Other Countries Where the Patent Has Been Extended To: USA
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 047

Inventors (In Order of Authorship): T. Dreier, S. Wershofen, A. Vidal, R. Haak
Title: "Zinc Cluster Compounds and their Use as Catalysts in the Reaction of Amines with Dialkyl Carbonates"
Application Form No: JP2016514347 **Priority Country:** Europe **Priority Date:** 22/05/2013
Publication No: JP2016520090 **Publication Date:** 11/07/2016
Holder Entity: Covestro Deutschland AG
Other Countries Where the Patent Has Been Extended To: Japan
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 048

Inventors (In Order of Authorship): T. Dreier, S. Wershofen, A. Vidal, R. Haak
Title: "Zinc Cluster Compounds and their Use as Catalysts in the Reaction of Amines with Dialkyl Carbonates"
Application Form No: SA515370163 **Priority Country:** Europe **Priority Date:** 22/05/2013
Publication No: SA515370163 **Publication Date:** 14/06/2017
Holder Entity: Covestro Deutschland AG
Other Countries Where the Patent Has Been Extended To: Saudi Arabia
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 049

Inventors (In Order of Authorship): T. Dreier, S. Wershofen, A. Vidal, R. Haak
Title: "Zinc Cluster Compounds and their Use as Catalysts in the Reaction of Amines with Dialkyl Carbonates"
Application Form No: EP14725420 **Priority Country:** Europe **Priority Date:** 22/05/2013
Publication No: EP2999705B1 **Publication Date:** 09/08/2017
Holder Entity: Covestro Deutschland AG
Other Countries Where the Patent Has Been Extended To: Europe
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 050

Inventors (In Order of Authorship): T. Dreier, S. Wershofen, A. Vidal, R. Haak
Title: "Zinc Cluster Compounds and their Use as Catalysts in the Reaction of Amines with Dialkyl Carbonates"
Application Form No: HUE14725420 **Priority Country:** Europe **Priority Date:** 22/05/2013
Publication No: HUE034953 **Publication Date:** 28/03/2018
Holder Entity: Covestro Deutschland AG
Other Countries Where the Patent Has Been Extended To: Hungary
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 051

Inventors (In Order of Authorship): T. Dreier, S. Wershofen, A. Vidal, R. Haak
Title: "Zinc Cluster Compounds and their Use as Catalysts in the Reaction of Amines with Dialkyl Carbonates"
Application Form No: US201414890053 **Priority Country:** Europe **Priority Date:** 22/05/2013
Publication No: US9988344B2 **Publication Date:** 05/06/2018
Holder Entity: Covestro Deutschland AG
Other Countries Where the Patent Has Been Extended To: USA
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 052

Inventors (In Order of Authorship): S. Wershofen, G. Jäger, M. Dugal, A. Vidal-Ferran, J. L. Núñez-Rico
Title: "Silica-based Zinc Catalysis, their Preparation and Use in the Alkoxy-carbonylation of Amines"
Application Form No: EP2018062312 **Priority Country:** Europe **Priority Date:** 15/05/2017
Publication No: WO2018210711 **Publication Date:** 22/11/2018
Holder Entity: Covestro Deutschland AG
Other Countries Where the Patent Has Been Extended To: All Patent Cooperation Treaty (PCT) countries
Companies That Are Licensing It: Covestro AG
Order: 053

Inventors (In Order of Authorship): T. Dreier, S. Wershofen, A. Vidal, R. Haak
Title: "Zinc Cluster Compounds and their Use as Catalysts in the Reaction of Amines with Dialkyl Carbonates"
Application Form No: JP2016514347 **Priority Country:** Europe **Priority Date:** 22/05/2013
Publication No: JP6466414 **Publication Date:** 06/02/2019
Holder Entity: Covestro Deutschland AG
Other Countries Where the Patent Has Been Extended To: Japan
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 054

Inventors (In Order of Authorship): S. Wershofen, A. Vidal-Ferran, J. L. Núñez-Rico, J. Pérez-Ramírez, B. Puértolas, A. P. Amrute
Title: "Heterogeneous Catalysts for the Synthesis of Carbamates"
Application Form No: EP2019057541 **Priority Country:** Europe **Priority Date:** 28/03/2018
Publication No: WO2019185608 **Publication Date:** 03/10/2019
Holder Entity: Covestro Intellectual Property GmbH & Co. KG
Other Countries Where the Patent Has Been Extended To: All Patent Cooperation Treaty (PCT) countries
Companies That Are Licensing It: Covestro AG
Order: 055

Inventors (In Order of Authorship): S. Wershofen, G. Jäger, M. Dugal, A. Vidal-Ferran, J. L. Núñez-Rico
Title: "Silica-based Zinc Catalysis. Their Preparation and Use in the Alkoxy carbonylation of Amines"
Application Form No: CN201880032442 **Priority Country:** Europe **Priority Date:** 15/05/2017
Publication No: CN110650944 **Publication Date:** 03/01/2020
Holder Entity: Covestro Deutschland AG
Other Countries Where the Patent Has Been Extended To: China
Companies That Are Licensing It: Covestro AG
Order: 056

Inventors (In Order of Authorship): S. Wershofen, G. Jäger, M. Dugal, A. Vidal-Ferran, J. L. Núñez-Rico
Title: "Silica-based Zinc Catalysis, their Preparation and Use in the Alkoxy carbonylation of Amines"
Application Form No: EP18722575 **Priority Country:** Europe **Priority Date:** 15/05/2017
Publication No: EP3625210 **Publication Date:** 25/03/2020
Holder Entity: Covestro Intellectual Property GmbH & Co. KG
Other Countries Where the Patent Has Been Extended To: Europe
Companies That Are Licensing It: Covestro AG
Order: 057

Inventors (In Order of Authorship): S. Wershofen, G. Jäger, M. Dugal, A. Vidal-Ferran, J. L. Núñez-Rico
Title: "Silica-based Zinc Catalysis, their Preparation and Use in the Alkoxy carbonylation of Amines"
Application Form No: US201816612818 **Priority Country:** Europe **Priority Date:** 15/05/2017
Publication No: US2020147594 **Publication Date:** 14/05/2020
Holder Entity: Covestro Deutschland AG
Other Countries Where the Patent Has Been Extended To: USA
Companies That Are Licensing It: Covestro AG
Order: 058

Inventors (In Order of Authorship): S. Wershofen, G. Jäger, M. Dugal, A. Vidal-Ferran, J. L. Núñez-Rico
Title: "Silica-based Zinc Catalysis. Their Preparation and Use in the Alkoxy carbonylation of Amines"
Application Form No: US201816612818 **Priority Country:** Europe **Priority Date:** 15/05/2017
Publication No: US10807084 **Publication Date:** 20/10/2020
Holder Entity: Covestro Deutschland AG
Other Countries Where the Patent Has Been Extended To: USA
Companies That Are Licensing It: Covestro AG
Order: 059

Inventors (In Order of Authorship): T. Dreier, S. Wershofen, A. Vidal, R. Haak
Title: "Zinc Cluster Compounds and their Use as Catalysts in the Reaction of Amines with Dialkyl Carbonates"
Application Form No: CN201480029298 **Priority Country:** Europe **Priority Date:** 22/05/2013
Publication No: CN105229015A **Publication Date:** 03/11/2020
Holder Entity: Bayer MaterialScience AG
Other Countries Where the Patent Has Been Extended To: China
Companies That Are Licensing It: Bayer MaterialScience AG/Covestro AG
Order: 060

Inventors (In Order of Authorship): S. Wershofen, A. Vidal-Ferran, J. L. Núñez-Rico, J. Pérez-Ramírez, B. Puértolas, A. P. Amrute
Title: "Heterogeneous Catalysts for the Synthesis of Carbamates"
Application Form No: CN201980022661 **Priority Country:** Europe **Priority Date:** 28/03/2018
Publication No: CN111971119 **Publication Date:** 20/11/2020
Holder Entity: Covestro Deutschland AG
Other Countries Where the Patent Has Been Extended To: China
Companies That Are Licensing It: Covestro AG
Order: 061

Inventors (In Order of Authorship): S. Wershofen, A. Vidal-Ferran, J. L. Núñez-Rico, J. Pérez-Ramírez, B. Puértolas, A. P. Amrute
Title: "Heterogeneous Catalysts for the Synthesis of Carbamates"
Application Form No: EP19712593 **Priority Country:** Europe **Priority Date:** 28/03/2018
Publication No: EP3774028 **Publication Date:** 17/02/2021
Holder Entity: Covestro Intellectual Property GmbH & Co. KG
Other Countries Where the Patent Has Been Extended To: Europe
Companies That Are Licensing It: Covestro AG
Order: 062

Inventors (In Order of Authorship): S. Wershofen, A. Vidal-Ferran, J. L. Núñez-Rico, J. Pérez-Ramírez, B. Puértolas, A. P. Amrute
Title: "Heterogeneous catalysts for the synthesis of carbamates"
Application Form No: US201917040572 **Priority Country:** Europe **Priority Date:** 28/03/2018
Publication No: US20210053031 **Publication Date:** 25/02/2021
Holder Entity: Covestro Intellectual Property GmbH & Co. KG
Other Countries Where the Patent Has Been Extended To: USA
Companies That Are Licensing It: Covestro AG
Order: 063

Inventors (In Order of Authorship): S. Wershofen, G. Jäger, M. Dugal, A. Vidal-Ferran, J. L. Núñez-Rico
Title: "Silica-based Zinc Catalysis, their Preparation and Use in the Alkoxy-carbonylation of Amines"
Application Form No: EP18722575 **Priority Country:** Europe **Priority Date:** 15/05/2017
Publication No: EP18722575 **Publication Date:** 23/06/2021
Holder Entity: Covestro Intellectual Property GmbH & Co. KG
Other Countries Where the Patent Has Been Extended To: Europe
Companies That Are Licensing It: Covestro AG
Order: 064

Inventors (In Order of Authorship): S. Wershofen, A. Vidal-Ferran, J. L. Núñez-Rico, J. Pérez-Ramírez, B. Puértolas, A. P. Amrute
Title: "Heterogeneous Catalysts for the Synthesis of Carbamates"
Application Form No: US201917040572A **Priority Country:** Europe **Priority Date:** 28/03/2018
Publication No: US11406964B2 **Publication Date:** 09/08/2022
Holder Entity: Covestro Intellectual Property GmbH & Co. KG
Other Countries Where the Patent Has Been Extended To: USA
Companies That Are Licensing It: Covestro AG
Order: 065

Inventors (In Order of Authorship): S. Wershofen, G. Jäger, M. Dugal, A. Vidal-Ferran, J. L. Núñez-Rico
Title: "Silica-based Zinc Catalysis. Their Preparation and Use in the Alkoxy-carbonylation of Amines"
Application Form No: CN201880032442A **Priority Country:** Europe **Priority Date:** 15/05/2017
Publication No: CN110650944B **Publication Date:** 19/07/2022
Holder Entity: Covestro Deutschland AG
Other Countries Where the Patent Has Been Extended To: China
Companies That Are Licensing It: Covestro AG
Order: 066

Inventors (In Order of Authorship): S. Wershofen, A. Vidal-Ferran, J. L. Núñez-Rico, J. Pérez-Ramírez, B. Puértolas, A. P. Amrute
Title: "Heterogeneous Catalysts for the Synthesis of Carbamates"
Application Form No: CN201980022661A **Priority Country:** Europe **Priority Date:** 28/03/2018
Publication No: CN111971119B **Publication Date:** 08/12/2023
Holder Entity: Covestro Deutschland AG
Other Countries Where the Patent Has Been Extended To: China
Companies That Are Licensing It: Covestro AG
Order: 067

Inventors (In Order of Authorship): A. Vidal-Ferran, A. Romero-Navarro
Title: "Supramolecular Hydroformylation Catalyst"
Application Form No: PCT/EP2024/057727 **Priority Country:** Europe **Priority Date:** 30/03/2023
Publication No: WO2024200242A2 **Publication Date:** 03/10/2024
Holder Entity: ICREA, University of Barcelona, ICIQ
Other Countries Where the Patent Has Been Extended To: PCT (WO) designating PCT Contracting States
Companies That Are Licensing It: -
Order: 068

Inventors (In Order of Authorship): A. Vidal-Ferran, A. Romero-Navarro
Title: "Supramolecular Hydroformylation Catalyst"
Application Form No: PCT/EP2024/057727 **Priority Country:** Europe **Priority Date:** 30/03/2023
Publication No: WO2024200242A3 **Publication Date:** 03/10/2024
Holder Entity: ICREA, University of Barcelona, ICIQ
Other Countries Where the Patent Has Been Extended To: PCT (WO) designating PCT Contracting States
Companies That Are Licensing It: -
Order: 069

Stays in Internationally Recognized Centres

KEY: D = Ph.D student, P = postdoctoral, G = guest, S = staff, O = others (specify)

Centre: University of Cambridge - Chemical Laboratory
Place: Cambridge **Country:** Great Britain **Date:** 1993 – 1994 **Length:** 24 months
Topic: Porphyrin-based Synthetic Enzymes
Key: P

Centre: Bayer AG; Central Research Division
Place: Leverkusen **Country:** Germany **Date:** 1999 – 2002 **Length:** 24 months
Topic: Visiting Scientist; expert in organic synthesis; research projects from a number of business areas
Key: O (hired on contract)

Centre: Institut Parisien de Chimie Moléculaire (IPCM), Université Pierre et Marie Curie
Place: Paris **Country:** France **Date:** 2016 **Length:** 2 weeks
Topic: Visiting professorship
Key: G

Centre: Institut für Chemie und Biochemie / Anorganische Chemie, Freie Universität Berlin
Place: Berlin **Country:** Germany **Date:** 2019 **Length:** 2 weeks
Topic: Visiting professorship
Key: G

Centre: Institut Parisien de Chimie Moléculaire (IPCM), Université Pierre et Marie Curie
Place: Paris **Country:** France **Date:** 2025 **Length:** 2 weeks
Topic: Visiting academic
Key: G

Presentations in Meetings

Title: "Stoichiometrically Controlled Supramolecular Chirality Induction"

Authors: J. Etxebarria, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: Chirality at the Nanoscale

Publication:

Meeting Place: Sitges (Spain)

Year: 2007

Title: "Design of Supramolecular Ligands for Asymmetric Catalysis", poster G1-P36

Authors: J. Etxebarria, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: XXXI Reunión Bienal de la Real Sociedad Española de Química

Publication:

Meeting Place: Toledo (Spain)

Year: 2007

Title: "Aproximación Modular a una Nueva Clase de Ligandos Quirales de Fósforo. Aplicación en la Hidrogenación Enantioselectiva Catalizada por Rodio", poster G1-P34

Authors: H. Fernández-Pérez, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: XXXI Reunión Bienal de la Real Sociedad Española de Química

Publication:

Meeting Place: Toledo (Spain)

Year: 2007

Title: "Phosphinoxazolines Derived from 3-Amino-1,2-diols: Highly Efficient Modular P-N Ligands", poster G1-P35

Authors: D. Popa, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: XXXI Reunión Bienal de la Real Sociedad Española de Química

Publication:

Meeting Place: Toledo (Spain)

Year: 2007

Title: "Probing the Mechanism of Shi's Epoxidation: The role of Addition-Prone Carbonyl Species", poster G1-P31

Authors: N. Nieto, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: XXXI Reunión Bienal de la Real Sociedad Española de Química

Publication:

Meeting Place: Toledo (Spain)

Year: 2007

Title: "Highly Modular Phosphinoxazolines in the Asymmetric Amination Reaction", oral communication CO90

Authors: D. Popa, A. Vidal-Ferran

Type of Presentation: Oral Communication

Meeting: XXII Reunión Bienal de Química Orgánica

Publication:

Meeting Place: Tarragona (Spain)

Year: 2008

(The name/s of the presenting author/s is/are underlined)

Title: "New Modular P-OP Ligands for Asymmetric Catalysis", poster 248
Authors: H. Fernández-Pérez, A. Vidal-Ferran
Type of Presentation: Poster
Meeting: 16th International Symposium on Homogeneous Catalysis
Publication:
Meeting Place: Florence (Italy)
Year: 2008

Title: "Design of Supramolecular Chiral Ligands", poster P-007
Authors: J. Etxebarria, A. Vidal-Ferran
Type of Presentation: Poster
Meeting: 2nd Euchems Chemistry Congress
Publication:
Meeting Place: Torino (Italy)
Year: 2008

Title: "Design of Supramolecular Ligands", poster P-98
Authors: H. Degenbeck, A. Vidal-Ferran
Type of Presentation: Poster
Meeting: 20th International Symposium on Chirality
Publication:
Meeting Place: Geneva (Switzerland)
Year: 2008

Title: "Highly Modular P-OP Ligands for Asymmetric Hydrogenation", oral communication 30
Authors: H. Fernández-Pérez, A. Vidal-Ferran
Type of Presentation: Oral Communication
Meeting: VI Simposio de Investigadores Jóvenes RSEQ - Sigma Aldrich
Publication:
Meeting Place: Granada (Spain)
Year: 2009

Title: "Design of Supramolecular Chiral Ligands", poster P-14
Authors: H. Degenbeck, A. Vidal-Ferran
Type of Presentation: Poster
Meeting: CD 2009 – 12th International Conference on Circular Dichroism
ISBC – 5th Interdisciplinary Symposium on Biological Chirality
Publication:
Meeting Place: Brescia (Italy)
Year: 2009

Title: "Allosteric P=O-based Receptors for Dicarboxylic Acids", poster P 2.184
Authors: I. Mon, D. Amilan Jose, H. Fernández-Pérez, A. Vidal-Ferran
Type of Presentation: Poster
Meeting: 17th European Symposium on Organic Chemistry (ESOC 2011)
Publication:
Meeting Place: Creta (Greece)
Year: 2011

(The name/s of the presenting author/s is/are underlined)

Title: "Asymmetric Hydrogenation of Heteroaromatic Compounds Catalyzed by Iridium –P-OP Complexes", poster P-240

Authors: J. L. Núñez-Rico, H. Fernández-Pérez, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: XIX EuCheMS Conference on Organometallic Chemistry (EuCOMC XIX)

Publication:

Meeting Place: Toulouse (France)

Year: 2011

Title: "Application of Highly Modular P-OP Ligands in Asymmetric Hydrogenation"

Authors: H. Fernández-Pérez, A. Vidal-Ferran

Type of Presentation: Oral Communication and Poster

Meeting: CEICS Nobel Campus

Publication:

Meeting Place: Tarragona (Spain)

Year: 2012

Title: "Transfer of Chirality in New Supramolecular Complexes as Design Principle for Future"

Authors: H. Degenbeck, J. Etxebarria, A.-S. Felten, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: CEICS Nobel Campus

Publication:

Meeting Place: Tarragona (Spain)

Year: 2012

Title: "Bis(phosphite) Ligands with Distal Regulation: Rh-mediated Asymmetric Hydroformylation"

Authors: I. Mon, D. Amilan Jose, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: ICIQ-Unicat Summer School 2013

Publication:

Meeting Place: Tarragona (Spain)

Year: 2013

Title: "1,1-P–OP Ligands with *P*-Stereogenic Phosphino Groups in Asymmetric Hydrogenations and Hydroformylations", poster P-83

Authors: J. R. Lao, A. Vidal-Ferran

Type of Presentation: Poster and Flash Presentation

Meeting: 20th International Conference on Phosphorus Chemistry (ICPC 2014)

Publication:

Meeting Place: Dublin (Ireland)

Year: 2014

Title: "Bis(phosphite) Ligands with a Distal Regulation Site for Asymmetric Catalysis", poster P-33

Authors: L. Rovira, M. Vaquero, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: 7th Spanish-Portuguese-Japanese Organic Chemistry Symposium (7th SPJ-OCS)

Publication:

Meeting Place: Sevilla (Spain)

Year: 2015

(The name/s of the presenting author/s is/are underlined)

Title: "[Ir(Cl)(POP)] Catalyzed Enantioselective Hydrogenation of Seven-membered Heteroaromatic Compounds", poster P-49

Authors: B. Bugga, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: 7th Spanish-Portuguese-Japanese Organic Chemistry Symposium (7th SPJ-OCS)

Publication:

Meeting Place: Sevilla (Spain)

Year: 2015

Title: "Design and Application of Bis(phosphite) Ligands with a Distal Regulation Site for Asymmetric Catalysis", poster P-351

Authors: L. Rovira, M. Vaquero, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: 18th IUPAC International Symposium on Organometallic Chemistry Directed Towards Organic Synthesis (OMCOS 18)

Publication:

Meeting Place: Sitges (Spain)

Year: 2015

Title: "TADDOL based 1,2-P-OP Ligands for Asymmetric Hydrogenations of Functionalized Alkenes", poster P-340

Authors: B. Bugga, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: 18th IUPAC International Symposium on Organometallic Chemistry Directed Towards Organic Synthesis (OMCOS 18)

Publication:

Meeting Place: Sitges (Spain)

Year: 2015

Title: "Kinetic Resolution of Vinyl Sulfoxides by Rh-mediated Asymmetric Hydrogenation: A New Efficient Methodology for the Preparation of Enantiopure Sulfoxides", oral communication 37

Authors: J. R. Lao, H. Fernández-Pérez, A. Vidal-Ferran

Type of Presentation: Oral Communication

Meeting: 250th ACS National Meeting and Exposition

Publication:

Meeting Place: Boston (USA)

Year: 2015

Title: "Synthesis and Exploitation of MetalloPorphyrins for Organic Photovoltaic Devices (OPV)", poster P-2016

Authors: R. Pudi, W. Cambarau, L. Cabau, C. Rodríguez, A. Vidal-Ferran, P. Ballester, E. Palomares

Type of Presentation: Poster

Meeting: International Conference on Porphyrins and Phthalocyanines (ICPP9)

Publication:

Meeting Place: Nanjing (China)

Year: 2016

Title: "Hydrogenative Kinetic Resolution of Vinyl Sulfoxides", poster OP2

Authors: J. R. Lao, H. Fernández-Pérez, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: VIII REQOMED – Reunión de Química Orgánica del Mediterráneo

Publication:

Meeting Place: Palma de Mallorca (Spain)

Year: 2017

(The name/s of the presenting author/s is/are underlined)

Title: "Supramolecularly Regulated Phosphite-based Ligands Applied to Gold Catalysis", poster OMSC011
Authors: L. Carreras, A. Vidal-Ferran
Type of Presentation: Poster
Meeting: 20th European Symposium on Organic Chemistry (ESOC 2017)
Publication:
Meeting Place: Köln (Germany)
Year: 2017

Title: "Modular Design of P-OP Ligands for Rhodium-mediated Stereoselective Hydrogenative Transformations", poster OP24
Authors: H. Fernández-Pérez, J. R. Lao, A. Vidal-Ferran, P. Ballester, E. Palomares
Type of Presentation: Oral Communication
Meeting: 22nd Conference on Organometallic Chemistry (EuCOMC XXII)
Publication:
Meeting Place: Amsterdam (The Netherlands)
Year: 2017

Title: "New Strategies in Supramolecular Catalysis: Halogen-Bond Assembled Catalysts", Flash Presentation FL10
Authors: L. Carreras
Type of Presentation: Flash Presentation
Meeting: II ICIQ PhD Day
Publication:
Meeting Place: Tarragona (Spain)
Year: 2018

Title: "Towards Efficient Metal-catalyzed [4+4]-Cycloaddition Reactions", poster P07
Authors: N. Llorente
Type of Presentation: Poster
Meeting: II ICIQ PhD Day
Publication:
Meeting Place: Tarragona (Spain)
Year: 2018

Title: "Towards Efficient Metal-catalyzed [4+4]-Cycloaddition Reactions", oral communication SO-95
Authors: N. Llorente, H. Fernández-Pérez, A. Vidal-Ferran
Type of Presentation: Oral Communication
Meeting: 22nd International Conference on Phosphorus Chemistry (XXII ICPC)
Publication:
Meeting Place: Budapest (Hungary)
Year: 2018

Title: "New Strategies in Supramolecular Catalysis: Halogen-Bond Assembled Catalysts", oral communication SO-96
Authors: L. Carreras, A. Vidal-Ferran
Type of Presentation: Oral Communication
Meeting: 22nd International Conference on Phosphorus Chemistry (XXII ICPC)
Publication:
Meeting Place: Budapest (Hungary)
Year: 2018

(The name/s of the presenting author/s is/are underlined)

Title: "Cationic Regulated Supramolecular Catalysts: Highly Enantioselective Hydroformylations and Mechanistic Insights", oral communication SO-97

Authors: A. Martínez-Carrión, A. Vidal-Ferran

Type of Presentation: Oral Communication

Meeting: 22nd International Conference on Phosphorus Chemistry (XXII ICPC)

Publication:

Meeting Place: Budapest (Hungary)

Year: 2018

Title: "Towards Efficient Metal-catalyzed [4+4]-Cycloaddition Reactions", poster P3

Authors: N. Lorente, H. Fernández-Pérez, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: ICIQ-INTECAT School

Publication:

Meeting Place: Montbrío del Camp, Tarragona (Spain)

Year: 2018

Title: "Variable Time Normalization Analysis for Kinetic Treatments of Supramolecularly Regulates Asymmetric Hydroformylation", poster P17

Authors: A. Martínez-Carrión, R. W. Adams, J. Burés, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: ICIQ-INTECAT School

Publication:

Meeting Place: Montbrío del Camp, Tarragona (Spain)

Year: 2018

Title: "Supramolecularly Regulated Copper-Bisoxazoline Catalysts for the Efficient Insertion of Carbenoid Species into Hydroxyl Bonds", poster PO-60

Authors: E. Iniesta, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: 21st European Symposium on Organic Chemistry (ESOC2019)

Publication:

Meeting Place: Vienna (Austria)

Year: 2019

Title: "Cationic Regulated Supramolecular Catalysts: Highly Enantioselective Hydroformylations of Untypical Substrates and Mechanistic Insights via Operando Spectroscopy", oral communication OP15

Authors: A. Martínez-Carrión, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: IX Reunión de Química Orgánica del Mediterraneo (REQOMED)

Publication:

Meeting Place: Murcia (Spain)

Year: 2019

Title: "Counterion Effects in Pincer-Type Halogen Bond assembled Rh(I) Complexes in the Hydroboration of Terminal Alkynes", poster and oral communication, Communication 21

Authors: A. Martínez-Bascuñana, A. Vidal-Ferran

Type of Presentation: Poster (Poster Prize "Honourable Mention")

Meeting: ISXB4; 4th International Symposium on Halogen Bonding

Publication:

Meeting Place: Virtual Symposium

Year: 2020

(The name/s of the presenting author/s is/are underlined)

Title: "Differentiation of Epoxide Enantiomers in the Confined Spaces of an Homochiral Cu(II) MOF by Kinetic Resolution", Communication mofsf2021.0050005
Authors: Juanjo Cabezas-Giménez, Vanesa Lillo, José Luis Núñez-Rico, M. Nieves Corella-Ochoa, Jesús Jover, José Ramón Galán-Mascarós and Anton Vidal-Ferran
Type of Presentation: Poster and Flash presentation
Meeting: MOFs for energy and the environment, Faraday Discussion
Publication:
Meeting Place: Virtual Symposium
Year: 2021

Title: "Rhodium complexes with methylene-bridged P -stereogenic diphosphines", Communication P130
Authors: Javier Eusamio, Arnald Grabulosa, Anton Vidal-Ferran
Type of Presentation: Poster
Meeting: ICPC 23, International Conference on Phosphorus Chemistry (Częstochowa, Poland)
Publication:
Meeting Place: Virtual Symposium
Year: 2021

Title: "Valorization of Petroleum Feedstocks by Hydroformylation Reactions", Communication P126
Authors: Andrés Romero, Alicia Martínez-Carrión, Anton Vidal-Ferran
Type of Presentation: Poster
Meeting: ICPC 23, International Conference on Phosphorus Chemistry (Częstochowa, Poland)
Publication:
Meeting Place: Virtual Symposium
Year: 2021

Title: "Halogen Bond-Assembled Transition Metal-based Catalytic Systems: Synthesis, Characterization and Application in Catalysis", Communication P-127
Authors: Alba Martínez-Bascuñana, Anton Vidal-Ferran
Type of Presentation: Poster
Meeting: ICPC 23, International Conference on Phosphorus Chemistry (Częstochowa, Poland)
Publication:
Meeting Place: Virtual Symposium
Year: 2021

Title: "Development of Metal-Organic Framework (MOF) Materials as Room-Temperature Chemiresistors for Greenhouse Gas Monitoring", Communication 3619743
Authors: Ignasi Fort-Grandas, Ariana Neyra-Pérez, Alex Rodríguez-Iglesias, Arnald Grabulosa, Mauricio Moreno, Anton Vidal-Ferran, Paolo Pellegrino, Daniel Sainz, Albert Romano-Rodríguez
Type of Presentation: Poster
Meeting: Materials Research Society
Publication:
Meeting Place: Boston, US
Year: 2021

Title: "Halogen bond-assembled Transition Metal-based Catalytic Systems: Synthesis, Characterization and Application in Catalysis", Communication CO 4.1
Authors: Alba Martínez-Bascuñana, Anton Vidal-Ferran
Type of Presentation: Poster
Meeting: 12a Trobada de Joves Investigadors dels Països Catalans, Societat Catalana Química (SCQ)
Publication:
Meeting Place: Girona, Spain
Year: 2022

(The name/s of the presenting author/s is/are underlined)

Title: "Chiral Functional Materials. TAMOF: From Chiral Chromatography to Catalytic Kinetic Resolutions", Communication CO 4.2

Authors: José Luis Núñez-Rico, Anton Vidal-Ferran

Type of Presentation: Poster

Meeting: 12a Trobada de Joves Investigadors dels Països Catalans, Societat Catalana Química (SCQ)

Publication:

Meeting Place: Girona, Spain

Year: 2022

Title: "Synthesis and Coordination of *P*-Stereogenic Non-Symmetric Diphosphanes with a Methylene Bridge", Communication FL1

Authors: J. Eusamio, Y. M. Medina, A. Vidal-Ferran, A. Grabulosa

Type of Presentation: Poster + Flash presentation

Meeting: XL Reunión del GEQO - Grupo Especializado en Química Organometálica

Publication:

Meeting Place: Barcelona (Spain)

Year: 2022

Title: "Halogen bond-assembled Transition Metal-based Catalytic Systems: Synthesis, Characterization and Application in Catalysis", Oral Flash presentation S6-FP13

Authors: A. Martínez-Bascuñana, A. Vidal-Ferran

Type of Presentation: Oral Flash presentation

Meeting: XXXVIII Biennial Meeting of the Royal Spanish Chemistry Society (RSEQ)

Publication:

Meeting Place: Granada (España)

Year: 2022

Title: "Counterion effects on pincer-type halogen bond-assembled Rh(I) complexes in the hydroboration of terminal alkynes", Communication F42

Authors: A. Martínez-Bascuñana, A. Vidal-Ferran

Type of Presentation: Poster and Flash contribution

Meeting: XXII International Symposium on Homogeneous Catalysis (XXII ISHC)

Publication:

Meeting Place: Lisboa (Portugal)

Year: 2022

Title: "Kinetic Resolution in the Confined Spaces of a Homochiral Metal-Organic Framework", poster PP-238

Authors: J.L. Núñez-Rico, J. Jover, J.R. Galan-Mascarós, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: XXXVIII Biennial Meeting of the Royal Spanish Chemistry Society (RSEQ)

Publication:

Meeting Place: Granada (Spain)

Year: 2022

Title: "Valorisation of Linear Alkenes Using Cobalt-Mediated Isomerisation and Hydrofomylation Chemistries", poster P14

Authors: A. Martínez-Carrión, A. Romero-Navarro, J. L. Núñez-Rico, A. Gutiérrez, A. Grabulosa, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: 4th International Research Network on Hetero-elements and Coordination (GDRI-HC3A Meeting)

Publication:

Meeting Place: Barcelona (Spain)

Year: 2022

(The name/s of the presenting author/s is/are underlined)

Title: "Valorisation of Mixtures of Linear Alkenes using Cobalt-Mediated Isomerisation and Hydroformylation Chemistries", Oral Communication O25

Authors: A. Romero-Navarro, A. Vidal-Ferran

Type of Presentation: Oral Communication

Meeting: XL GEQO Conference 2022

Publication:

Meeting Place: Barcelona (Spain)

Year: 2022

Title: "Chemiresistive MOFs from triphenylene derivatives for greenhouse gas sensing", Poster 11 and Poster Flash Presentation

Authors: I. Fort-Grandas, Y. Mendoza-Gamero, A. Neyra-Pérez, A. Rodríguez-Iglesias, S. Tatyasaheb-Navale, M. Moreno, P. Pellegrino, A. Romano-Rodríguez, D. Sainz, A. Vidal-Ferran.

Type of Presentation: Poster and Poster Flash Presentation - (Poster Award)

Meeting: International Summer School on Nanosciences & Nanotechnologies (NANOSUM)

Publication:

Meeting Place: Marseille (France)

Year: 2022

Title: "Study of conductive MOFs based on triphenylene derivatives for chemiresistive greenhouse gas sensors", Oral Contribution 5

Authors: I. Fort-Grandas, S. Tatyasaheb-Navale, M. Moreno, P. Pellegrino, A. Romano-Rodríguez, A. Vidal-Ferran.

Type of Presentation: Oral presentation

Meeting: 1^a Reunió de Química Inorgànica i Organometàl·lica de la SCQ (1st Meeting on Inorganic and Organometallic Chemistry of the Catalan Chemical Society, RQIO 2023)

Publication:

Meeting Place: Barcelona (Spain)

Year: 2023

Title: "*P*-Stereogenic non-symmetric diphosphanes with a methylene bridge: coordination chemistry to late transition metals", Oral Contribution 14

Authors: J. Eusamio, Y. M. Medina, A. Vidal-Ferran, A. Grabulosa

Type of Presentation: Oral Contribution

Meeting: 1a Reunió de Química Inorgànica i Organometàl·lica de la Societat Catalana de Química (1st RQIO-SCQ Meeting)

Publication:

Meeting Place: Barcelona (Spain)

Year: 2023

Title: "Hydrogenation and hydroacylation with *P*-stereogenic methylene-bridged ligands"

Authors: J. Eusamio, A. Vidal-Ferran, A. Grabulosa

Type of Presentation: Oral Contribution

Meeting: Trans Pyrenean Meeting in Catalysis (TraPCat3)

Publication:

Meeting Place: Toulouse (France)

Year: 2023

Title: "dcPAMP: a new *P*-stereogenic unsymmetrical ligand for intermolecular hydroacylations"

Authors: J. Eusamio, A. Vidal-Ferran, A. Grabulosa

Type of Presentation: Poster

Meeting: Trans Pyrenean Meeting in Catalysis (TraPCat3)

Publication:

Meeting Place: Toulouse (France)

Year: 2023

(The name/s of the presenting author/s is/are underlined)

Title: "Porphyrin-based metal-organic frameworks as chemiresistive sensors of early thermal runaway detection in batteries", Poster P-438

Authors: S. Tatyasaheb-Navale, I. Fort-Grandas, M. Moreno, P. Pellegrino, D. Sainz, A. Grabulosa, A. Vidal-Ferran, A. Romano-Rodríguez.

Type of Presentation: Poster

Meeting: 5th EUROMOF

Publication:

Meeting Place: Granada (Spain)

Year: 2023

Title: "Thin-layered conductive MOFs for chemiresistive gas sensing of greenhouse gases", Poster P-443

Authors: I. Fort-Grandas, Y. Mendoza-Gamero, S. Tatyasaheb-Navale, M. Moreno, P. Pellegrino, D. Sainz, A. Vidal-Ferran, A. Romano-Rodríguez.

Type of Presentation: Poster

Meeting: 5th EUROMOF

Publication:

Meeting Place: Granada (Spain)

Year: 2023

Title: "Developing novel conductive MOFs for chemiresistive greenhouse gas sensors", Oral communication E-01-2700

Authors: I. Fort-Grandas, Y. Mendoza-Gamero, S. Tatyasaheb-Navale, M. Moreno, P. Pellegrino, D. Sainz, A. Vidal-Ferran, A. Romano-Rodríguez.

Type of Presentation: Oral Communication

Meeting: Strasbourg: EMRS

Publication:

Meeting Place: Strasbourg (France)

Year: 2023

Title: "Intermolecular hydroacylation with *P*-stereogenic ligands", Oral communication OC-TPS1

Authors: J. Eusamio, A. Vidal-Ferran, A. Grabulosa.

Type of Presentation: Oral Communication

Meeting: 5th Hetero-elements and Coordination Chemistry: from Concepts to Applications (HC3A)

Publication:

Meeting Place: Montpellier (France)

Year: 2024

Title: "Hidroacilació intermolecular catalitzada per complexos de rodi (I) amb lligands P-estereogènics de pont metilè", Oral communication 4.10

Authors: J. Eusamio, A. Vidal-Ferran, A. Grabulosa.

Type of Presentation: Oral Communication

Meeting: 13a Trobada de Joves Investigadors dels Països Catalans

Publication:

Meeting Place: Tarragona (Spain)

Year: 2024

Title: "Metal Complexes with *P*-stereogenic Methylene-Bridged Diphosphanes"

Authors: A. Grabulosa, J. Eusamio.

Type of Presentation: Oral Communication

Meeting: 4th Spanish Workshop on Phosphorus Chemistry (4SWPC)

Publication:

Meeting Place: Online

Year: 2024

(The name/s of the presenting author/s is/are underlined)

Title: "Conductive MOFs for Chemoresistive Sensing of Greenhouse Gases Suitable for Internet of Things", Poster and Oral Communication P-127

Authors: I. Fort-Grandas, G. Domenech-Gil, M. Moreno, P. Pellegrino, D. Sainz, A. Vidal-Ferran, A. Romano-Rodríguez.

Type of Presentation: Poster and Communication

Meeting: Eurosenors 2024

Publication:

Meeting Place: Debrecen (Hungary)

Year: 2024

Title: "Fabrication of Chemiresistive Gas Sensors from Triphenylene-based MOFs for Greenhouse Gas Monitoring", Oral Communication EI03.18

Authors: I. Fort-Grandas, G. Domènech-Gil, M. Moreno, P. Pellegrino, D. Sainz, A. Vidal-Ferran, A. Romano-Rodríguez.

Type of Presentation: Oral Communication

Meeting: 2024 MRS Fall Meeting

Publication:

Meeting Place: Boston (USA)

Year: 2024

Title: "Catalytic Hydroformylation of Allenes with Supramolecularly Regulated Rhodium Complexes"

Authors: D. Mir, A. Vidal-Ferran

Type of Presentation: Flash Presentation

Meeting: 4th Spanish Workshop on Phosphorus Chemistry

Publication:

Meeting Place: Online (Spain)

Year: 2024

Title: "Catalytic Hydroformylation of Allenes with Supramolecularly Regulated Rhodium Complexes"

Authors: D. Mir, A. Vidal-Ferran

Type of Presentation: Poster

Meeting: 1a Reunió de Química Orgànica, Catalan Society of Chemistry (SCQ)

Publication:

Meeting Place: Barcelona (Spain)

Year: 2025

Title: "Diphosphanes with a substituted methylene bridge"

Authors: J. Eusamio, A. Vidal-Ferran, A. Grabulosa.

Type of Presentation: Oral Communication

Meeting: 21st European Workshop on Pnictogen Chemistry (EWPC-21)

Publication:

Meeting Place: Innsbruck (Austria)

Year: 2025

Title: "Impact of the Crystal Structure of M-CAT-1 MOFs on their Chemoresistive Gas Sensing Properties", Poster P-638

Authors: I. Fort-Grandas, G. Domènech-Gil, P. Pellegrino, M. Moreno, D. Sainz, A. Vidal-Ferran, A. Romano-Rodríguez.

Type of Presentation: Poster

Meeting: 6th EUROMOF

Publication:

Meeting Place: Heraklion, Crete (Greece)

Year: 2025

(The name/s of the presenting author/s is/are underlined)

Invited Lectures

Title: "Homoquiral 3-Amino-1,2 diols. A New Class of Ligands for Catalytic Asymmetric Synthesis"

Type of Presentation: Invited Lecture

Meeting: CERC3 Workshop on Catalytic Asymmetric Synthesis

Meeting Place: Dublin (Ireland)

Year: 1996

Order: 001

Title: "Covalent and Supramolecular Modular Approaches to Asymmetric Catalysis"

Type of Presentation: Invited Lecture

Meeting: 3rd International Forum on Homogeneous Catalysis and 1st China-Spain Bilateral Symposium on Catalysis

Meeting Place: Shanghai (China)

Year: 2008

Order: 002

Title: "Highly Modular P-OP and P-N Ligands for Asymmetric Catalysis"

Type of Presentation: Invited Lecture

Meeting: Seminar program of the "Institut für Umweltverfahrenstechnik der Universität Bremen"

Meeting Place: Bremen (Germany)

Year: 2008

Order: 003

Title: "Highly Modular P-OP Ligands for Asymmetric Catalysis"

Type of Presentation: Invited Lecture

Meeting: 74th Meeting of the Israel Chemical Society

Meeting Place: Tel-Aviv (Israel)

Year: 2009

Order: 004

Title: "Highly Modular P-OP Ligands for Asymmetric Catalysis"

Type of Presentation: Invited Lecture

Meeting: Seminar program of the Department of Chemistry of the University of Oxford

Meeting Place: Oxford (United Kingdom)

Year: 2009

Order: 005

Title: "Highly Modular P-OP Ligands for Asymmetric Catalysis"

Type of Presentation: Invited Lecture

Meeting: Seminar program of the Chemical Laboratory of the University of Cambridge

Meeting Place: Cambridge (United Kingdom)

Year: 2009

Order: 006

Title: "Highly Modular P-OP Ligands for Asymmetric Catalysis"

Type of Presentation: Invited Lecture

Meeting: Seminar program of the Department of Chemistry of the University of Temple

Meeting Place: Philadelphia (USA)

Year: 2009

Order: 007

Title: "Highly Modular P-OP Ligands for Asymmetric Catalysis"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry of the University of Pennsylvania
Meeting Place: Philadelphia (USA)
Year: 2009
Order: 008

Title: "Highly Modular P-OP Ligands for Asymmetric Catalysis"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry of the University of Lincoln-Nebraska
Meeting Place: Lincoln (USA)
Year: 2009
Order: 009

Title: "Highly Modular P-OP Ligands for Asymmetric Hydrogenation"
Type of Presentation: Invited Lecture
Meeting: 237th ACS National Meeting
Meeting Place: Salt Lake City (USA)
Year: 2009
Order: 010

Title: "Highly Modular P-OP Ligands for Asymmetric Catalysis"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry of the University of British-Columbia
Meeting Place: Vancouver (Canada)
Year: 2009
Order: 011

Title: "Highly Modular P-OP Ligands for Asymmetric Hydrogenation"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry of the Universitat de Barcelona
Meeting Place: Barcelona (Spain)
Year: 2009
Order: 012

Title: "Highly Modular P-OP Ligands for Asymmetric Hydrogenation"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Institute of Elemento-organic Chemistry of Nankai University
Meeting Place: Nankai (China)
Year: 2010
Order: 013

Title: "Highly Modular P-OP Ligands for Asymmetric Catalysis"
Type of Presentation: Invited Lecture
Meeting: 1st Annual World Congress of Catalytic Asymmetric Synthesis (WCCAS 2010)
Meeting Place: Beijing (China)
Year: 2010
Order: 014

Title: "Highly Efficient Ligands for Asymmetric Hydrogenation"
Type of Presentation: Invited Lecture
Meeting: Red CASI Meeting (Spanish Network for Asymmetric Catalysis)
Meeting Place: Palma de Mallorca (Spain)
Year: 2010
Order: 015

Title: "Highly Modular P-OP Ligands for Asymmetric Hydrogenation"
Type of Presentation: Invited Lecture
Meeting: International Chemical Congress of Pacific Basin Societies (PACIFICHEM 2010)
Meeting Place: Honolulu (Hawaii)
Year: 2010
Order: 016

Title: "Highly Modular P-OP Ligands for Asymmetric Hydrogenation"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the ICMA B (Institut de Ciència de Materials de Barcelona)
Meeting Place: Barcelona (Spain)
Year: 2011
Order: 017

Title: "Highly Modular P-OP Ligands in Asymmetric Hydrogenation: From Model Substrates to Target Molecules"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry of the University of Emory
Meeting Place: Atlanta (USA)
Year: 2012
Order: 018

Title: "Application of Highly Modular P-OP Ligands in Asymmetric Hydrogenation"
Type of Presentation: Invited Lecture
Meeting: 243rd ACS National Meeting
Meeting Place: San Diego (USA)
Year: 2012
Order: 019

Title: "Application of Highly Modular P-OP Ligands in Asymmetric Hydrogenation"
Type of Presentation: Invited Lecture
Meeting: 3rd Annual World Congress of Catalytic Asymmetric Synthesis (WCCAS 2012)
Meeting Place: Beijing (China)
Year: 2012
Order: 020

Title: "Highly Modular P-OP Ligands in Asymmetric Hydrogenation: From Model Substrates to Target Molecules"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry and Biotechnology of the University of Tokyo
Meeting Place: Tokyo (Japan)
Year: 2012
Order: 021

Title: "Highly Modular P-OP Ligands in Asymmetric Hydrogenation: From Model Substrates to Target Molecules"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Tokyo Institute of Technology
Meeting Place: Tokyo (Japan)
Year: 2012
Order: 022

Title: "Rhodium and Iridium-P-OP Complexes in Asymmetric Hydrogenations"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Material Chemistry of the University of Kyoto
Meeting Place: Kyoto (Japan)
Year: 2012
Order: 023

Title: "Modular approaches to asymmetric catalysis"
Type of Presentation: Invited Lecture
Meeting: 21st IUPAC Conference on Physical Organic Chemistry (ICPOC 21)
Meeting Place: Durham (United Kingdom)
Year: 2012
Order: 024

Title: "Modular Approaches to Asymmetric Analysis"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry of the University of Bath
Meeting Place: Bath (United Kingdom)
Year: 2013
Order: 025

Title: "Phosphine-Phosphite Ligands in Rh- and Ir-mediated Asymmetric Hydrogenations"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Centre for Theoretical and Computational Chemistry (CTCC) of the University of Tromsø
Meeting Place: Tromsø (Norway)
Year: 2013
Order: 026

Title: "Towards's API's Intermediates by Rhodium- and Iridium-mediated Asymmetric Hydrogenation"
Type of Presentation: Invited Lecture
Meeting: Nippon Chemical Industrial Co., Ltd., Research and Development Division
Meeting Place: Tokyo (Japan)
Year: 2013
Order: 027

Title: "Highly Modular P-OP Ligands in Rhodium and Iridium-mediated Asymmetric Hydrogenations"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Applied Chemistry, Faculty of Engineering, Osaka University
Meeting Place: Osaka (Japan)
Year: 2013
Order: 028

Title: "Modularity and Distal Regulation in Enantiopure *P*-Ligands for Catalytic Efficiency in Asymmetric Hydrogenations and Hydroformylations"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry and Biochemistry of the University of Texas at Austin
Meeting Place: Austin (USA)
Year: 2014
Order: 029

Title: "Modularity and Distal Regulation in Enantiopure *P*-Ligands for Catalytic Efficiency in Asymmetric Hydrogenations and Hydroformylations"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry of the University of Wisconsin-Madison
Meeting Place: Madison (USA)
Year: 2014
Order: 030

Title: "Modularity and Distal Regulation in Enantiopure *P*-Ligands for Catalytic Efficiency in Asymmetric Hydrogenations and Hydroformylations"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry of the University of Michigan
Meeting Place: Ann Arbor (USA)
Year: 2014
Order: 031

Title: "[Ir(*P*-OP)]-Mediated Asymmetric Hydrogenation of Diversely Substituted C=N-Containing Heterocycles"
Type of Presentation: Invited Lecture
Meeting: 247th ACS National Meeting
Meeting Place: Dallas (USA)
Year: 2014
Order: 032

Title: "Design, Synthesis, and Application of Enantiopure Ligands with a Distal Regulation Site in Diverse Asymmetric Transformations"
Type of Presentation: Invited Lecture
Meeting: 247th ACS National Meeting
Meeting Place: Dallas (USA)
Year: 2014
Order: 033

Title: "Design, Synthesis and Application of Enantiopure Ligands with a Distal Regulation Site in Asymmetric Transformations"
Type of Presentation: Invited Lecture
Meeting: 20th International Conference on Phosphorus Chemistry (ICPC 2014)
Meeting Place: Dublin (Ireland)
Year: 2014
Order: 034

Title: "Catalysis for the Synthesis of Important Complex Molecular Structures"
Type of Presentation: Invited Lecture
Meeting: Joint Symposium Technion-ICIQ
Meeting Place: Tarragona (Spain)
Year: 2015
Order: 035

Title: "Highly Modular P-OP and Supramolecularly Regulated Ligands for Asymmetric Catalysis"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Materials Engineering Science of Osaka University
Meeting Place: Osaka (Japan)
Year: 2015
Order: 036

Title: "Efficient Ligand Platforms for Asymmetric Catalysis"
Type of Presentation: Invited Lecture
Meeting: 7th International Conference on Green and Sustainable Chemistry (GSC-7) and 4th JACI/GSC Symposium
Meeting Place: Tokyo (Japan)
Year: 2015
Order: 037

Title: "Highly Modular Phosphine-Phosphites and Supramolecularly Regulated Ligands for Asymmetric Catalysis"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry of Kyushu University
Meeting Place: Fukuoka (Japan)
Year: 2015
Order: 038

Title: "Efficient Ligand Platforms for Asymmetric Catalysis"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Applied Chemistry of Hiroshima University
Meeting Place: Higashi-Hiroshima (Japan)
Year: 2015
Order: 039

Title: "Highly Modular P-OP and Supramolecularly Regulated Ligands for Asymmetric Catalysis"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Applied Chemistry of Ehime University
Meeting Place: Matsuyama (Japan)
Year: 2015
Order: 040

Title: "Non-natural Allosteric Catalysts for Asymmetric Transformations"
Type of Presentation: Invited Lecture
Meeting: International Symposia on Advancing the Chemical Sciences (ISACS18)
Meeting Place: Bangalore (India)
Year: 2015
Order: 041

Title: "Supramolecularly Regulated Ligands in Asymmetric Transformations"
Type of Presentation: Invited Lecture
Meeting: International Chemical Congress of Pacific Basin Societies (PACIFICHEM)
Meeting Place: Honolulu (Hawaii)
Year: 2015
Order: 042

Title: "Efficient Ligand Platforms for Enantioselective Catalysis"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the van't Hoff Institute for Molecular Sciences (HIMS) of the University of Amsterdam
Meeting Place: Amsterdam (The Netherlands)
Year: 2016
Order: 043

Title: "Efficient Ligand Platforms for Transition Metal-Mediated Enantioselective Transformations"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Universidad del País Vasco
Meeting Place: Leioa (Spain)
Year: 2016
Order: 044

Title: "Rh-P-OP and Ir-P-OP-Mediated Asymmetric Hydrogenations: Beyond Typical Substrates"
Type of Presentation: Keynote Lecture
Meeting: 21st International Conference on Phosphorus Chemistry (ICPC 2016)
Meeting Place: Kazan (Russia)
Year: 2016
Order: 045

Title: "Efficient Enantioselective Catalysts for C-H and C-C Bond Forming Reactions"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the École Supérieure de Physique et de Chimie Industrielles de la Ville de Paris (ESPCI Paris)
Meeting Place: Paris (France)
Year: 2016
Order: 046

Title: "Efficient Ligand Platforms from our Group for Enantioselective Catalysis"
Type of Presentation: Invited Lecture
Meeting: "CulturChem" Seminar program of the École Doctorale Chimie Moléculaire Paris Centre
Meeting Place: Paris (France)
Year: 2016
Order: 047

Title: "Supramolecularly Fine-regulated Enantioselective Catalysts"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Institut Parisien de Chimie Moléculaire (IPCM) of the Université Pierre et Marie Curie
Meeting Place: Paris (France)
Year: 2016
Order: 048

Title: "Efficient Ligand Platforms from our Group for Enantioselective Catalysis"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the School of Physical and Mathematical Sciences of Nanyang Technological University (Singapore)
Meeting Place: Singapore
Year: 2017
Order: 049

Title: "Supramolecularly Regulated Enantioselective Catalysts for C-H, C-C and C-X Bond Forming Reactions"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Faculty of Sciences of the National University of Singapore
Meeting Place: Singapore
Year: 2017
Order: 050

Title: "Efficient Ligand Platforms from our Group for Enantioselective Catalysis"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Hong Kong University of Science and Technology
Meeting Place: Hong Kong (China)
Year: 2017
Order: 051

Title: "Efficient Enantioselective Catalysts for C-H and C-C Bond Forming Reactions"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry of the University of Hong Kong
Meeting Place: Hong Kong (China)
Year: 2017
Order: 052

Title: "Efficient Ligand Platforms from our Group for Enantioselective Catalysis"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Beijing National Laboratory for Molecular Sciences of the Institute of Chemistry of the Chinese Academy of Sciences (CAS)
Meeting Place: Beijing (China)
Year: 2017
Order: 053

Title: "Efficient Enantioselective Catalysts for C-H and C-C Bond Forming Reactions"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Center of Basic Molecular Science (CBMS) of Tsinghua University
Meeting Place: Beijing (China)
Year: 2017
Order: 054

Title: "Efficient Enantioselective Catalytic Tools for Challenging Hydrogenative Transformations"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the College of Chemistry and Molecular Engineering of Peking University
Meeting Place: Beijing (China)
Year: 2017
Order: 055

Title: "Rh-P-OP and Ir-P-OP-Mediated Asymmetric Hydrogenations: Beyond Typical Substrates"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the College of Chemistry & Materials Science of Northwest University (Xian)
Meeting Place: Xian (China)
Year: 2017
Order: 056

Title: "Efficient Enantioselective Catalysts for C-H and C-C Bond Forming Reactions"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry of the University of Massachusetts Boston
Meeting Place: Boston (USA)
Year: 2017
Order: 057

Title: "Efficient Ligand Platforms from our Group for Enantioselective Catalysis"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry of Boston College
Meeting Place: Boston (USA)
Year: 2017
Order: 058

Title: "Efficient Ligand Platforms from our Group for Enantioselective Catalysis"
Type of Presentation: Invited Lecture
Meeting: VIII REQOMED – Reunión de Química Orgánica del Mediterráneo
Meeting Place: Palma de Mallorca (Spain)
Year: 2017
Order: 059

Title: "Efficient Enantioselective Catalysts for C-H and C-C Bond Forming Reactions"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the School of Chemistry of Dublin University College
Meeting Place: Dublin (Ireland)
Year: 2018
Order: 060

Title: "Rh-P-OP and Ir-P-OP-Mediated Asymmetric Hydrogenations: Beyond Typical Substrates"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Organic Chemistry of the University of Stockholm
Meeting Place: Stockholm (Sweden)
Year: 2018
Order: 061

Title: "Supramolecular Catalysts for Stereoselective C-H, C-C and C-B Bond Forming Reactions"
Type of Presentation: Invited Lecture
Meeting: Seminar program of State Key Laboratory of Organometallic Chemistry, Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences
Meeting Place: Shanghai (China)
Year: 2018
Order: 062

Title: "Supramolecularly Regulated Enantioselective Catalysts"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry of Fudan University
Meeting Place: Shanghai (China)
Year: 2018
Order: 063

Title: "Efficient Ligand Platforms from our Group for Enantioselective Catalysis"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the School of Chemistry and Chemical Engineering, Shanghai Jiao Tong University
Meeting Place: Shanghai (China)
Year: 2018
Order: 064

Title: "Supramolecularly Regulated Enantioselective Catalysts"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry of Seoul National University
Meeting Place: Seoul (Korea)
Year: 2018
Order: 065

Title: "Efficient Ligand Platforms from our Group for Enantioselective Catalysis"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry of Hanyang University
Meeting Place: Seoul (Korea)
Year: 2018
Order: 066

Title: "Efficient Ligand Platforms from our Group for the Stereoselective Formation of C-H, C-B and C-C Bonds"
Type of Presentation: Plenary Lecture
Meeting: 22nd International Conference on Phosphorus Chemistry
Meeting Place: Budapest (Hungary)
Year: 2018
Order: 067

Title: "Efficient Stereoselective Catalyst Platforms from the Group for Transformations of Interest"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the CAT Catalytic Center of RWTH Aachen University
Meeting Place: Aachen (Germany)
Year: 2019
Order: 068

Title: "Efficient Catalytic Systems from our Group for the Stereoselective Formation of C-H, C-B and CC Bonds"
Type of Presentation: Invited Lecture
Meeting: 19th Global Chemistry, Chromatography & Spectrometry Conference
Meeting Place: New York (USA)
Year: 2019
Order: 069

Title: "Stereoselective Catalysts for C-H, C-B and C-C Bond-Forming Reactions"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Department of Chemistry of the City College of New York
Meeting Place: New York (USA)
Year: 2019
Order: 070

Title: "Efficient Catalytic Systems for the Stereoselective Formation of C-H, C-B and C-C Bonds"
Type of Presentation: Invited Lecture
Meeting: Seminar program of Bowdoin College
Meeting Place: Brunswick (USA)
Year: 2019
Order: 071

Title: "Supramolecular Catalytic Systems for the (Stereo)selective Formation of C-H, C-B and C-C Bonds"
Type of Presentation: Invited Lecture
Meeting: Seminar program of Leibniz-Institut für Katalyse e.V. of Universität Rostock
Meeting Place: Rostock (Germany)
Year: 2019
Order: 072

Title: "Halogen Bonding and Ion-Dipole Interactions as Tools for Constructing Transition Metal-Based Catalysts"
Type of Presentation: Invited Lecture
Meeting: Seminar program of the Institute of Chemistry and Biochemistry of the "Freie Universität Berlin"
Meeting Place: Berlin (Germany)
Year: 2019
Order: 073

Title: "Supramolecular Stereoselective Catalysis"
Type of Presentation: Invited Lecture
Meeting: XXXVII Biennial meeting of the Spanish Royal Society of Chemistry (RSEQ)
Meeting Place: Donostia (Spain)
Year: 2019
Order: 074

Title: "Efficient Ligand Platforms from our Group for Enantioselective Catalysis"
Type of Presentation: Invited Lecture
Meeting: Seminar program of Wrocław University of Science and Technology (WUT), Faculty of Chemistry
Meeting Place: Wrocław (Poland)
Year: 2019
Order: 075

Title: "Halogen Bonding and Ion-dipole Interactions in Low Polarity Solvents as Tools for Constructing (Stereo)selective Catalysts"
Type of Presentation: Invited Lecture
Meeting: Seminar program of Ruhr Universität Bochum, Fakultät für Chemie und Biochemie, Organische Chemie I
Meeting Place: Bochum (Germany)
Year: 2019
Order: 076

Title: "Halogen Bonding and Ion-dipole Interactions as Tools for Constructing Stereoselective Catalysts"
Type of Presentation: Keynote Lecture
Meeting: 1st International Conference on Noncovalent Interactions (ICNI 2019)
Meeting Place: Lisbon (Portugal)
Year: 2019
Order: 077

Title: "Halogen bonding as tools for constructing stereoselective catalysts"
Type of Presentation: Keynote Lecture
Meeting: ISXB 4; 4th International Symposium on Halogen Bonding
Meeting Place: Virtual Symposium
Year: 2020
Order: 078

Title: "Efficient Stereoselective *P*-based Catalyst-Platforms (from the Group) for Transformations of Interests"
Type of Presentation: Invited Lecture
Meeting: 1st Spanish Workshop on Phosphorus Chemistry
Meeting Place: Virtual Symposium
Year: 2021
Order: 079

Title: "Supramolecular regulated hydroformylation reactions"
Type of Presentation: Keynote Lecture
Meeting: XXII ISHC (International Symposium on Homogeneous Catalysis)
Meeting Place: Lisbon, Portugal
Year: 2022
Order: 080

Title: "Distal-regulation in (stereo)selective catalysis"
Type of Presentation: Invited Lecture
Meeting: Lectures for the PhD Program "Doctorate in Organic Chemistry", Faculty of Chemistry, University of Barcelona
Meeting Place: Barcelona
Year: 2023
Order: 081

Title: "Distal-regulation in (stereo)selective catalysis"
Type of Presentation: Keynote Lecture
Meeting: Catalysis and Chemical Engineering 2023 (CCE-2023)
Meeting Place: Nevada, US
Year: 2023
Order: 082

Title: "Halogen bond-assembled metal complexes as (stereo)selective catalysts"
Type of Presentation: Keynote Lecture
Meeting: 24th International Conference on Phosphorus Chemistry (ICPC24)
Meeting Place: Ningbo, China
Year: 2024
Order: 083

Title: "From Weak Interactions to Strong Selectivity: Halogen Bonding in Catalyst Design"
Type of Presentation: Invited Lecture
Meeting: Lectures within the Sorbonne Culturchem Program
Meeting Place: Paris, France
Year: 2025
Order: 084

Title: "MOFs as Multifunctional Platforms: From Chiral Separations to Catalysis and Beyond"

Type of Presentation: Invited Lecture

Meeting: MOF2026: the 10th International Conference on Metal-Organic Frameworks and Open Framework Compounds

Meeting Place: New Orleans, US

Year: 2026

Order: 085

Title: "Harnessing Halogen Bonding for Precision Catalyst Design"

Type of Presentation: Invited Lecture

Meeting: 25th International Conference on Phosphorus Chemistry (ICPC)

Meeting Place: Montpellier, France

Year: 2026

Order: 086

PhD Thesis Supervised

Title: "Nuevos Ligandos para Catálisis Enantioselectiva Derivados de 3-Amino-1,2-Dioles Enantioméricamente Puros"
("New Ligands for Enantioselective Catalysis derived from 3-Amino-1,2-Diols Enantiomerically Pure")

Ph. D. Student: M^cCristina Puigjaner Vallet

University: Universitat de Barcelona

Faculty/School: Department of Organic Chemistry
(PhD Program: "Organic Chemistry – Fundamental Chemistry")

Date: 28th July 2000

Order: 01

Title: "Modular Phosphinoxazolines: Synthesis and Evaluation in Allylic Substitutions"

Ph. D. Student: Dana Popa Madeleine

University: Universitat Rovira i Virgili

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry

Date: 17th September 2008

Order: 02

Title: "Towards Highly Efficient Ligands for Asymmetric Hydrogenations: a Covalent Modular Approach and Investigations into Bio-inspired Supramolecular Strategies"

Ph. D. Student: Héctor Fernández Pérez

University: Universitat Rovira i Virgili

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry

Date: 1st September 2009

Order: 03

Title: "Transfer of Chirality in New Supramolecular Complexes as Design Principle for Future Asymmetric Catalysts"

Ph. D. Student: Helmut Degenbeck

University: Universitat Rovira i Virgili (European Mention) **Faculty/School:** Faculty of Chemistry. Department of Analytical and Organic Chemistry

Year: 25th July 2011

Order: 04

Title: "Highly Modular P-OP Ligands for Rhodium- and Iridium-mediated Asymmetric Hydrogenations"

Ph. D. Student: José Luis Núñez Rico

University: Universitat Rovira i Virgili

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry

Year: 13th June 2013

Order: 05

Title: "Asymmetric Epoxidation of Unfunctionalised Alkenes Catalysed by D-Fructose Derivatives"

Ph. D. Student: Natalia Nieto Alonso

University: Universitat Rovira i Virgili

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry

Year: 26th September 2013

Order: 06

Title: "Design, Synthesis and Application of Supramolecular Ligands in Asymmetric Hydrogenation and Hydroformylation"

Ph. D. Student: Ignacio Mon Quílez
University: Universitat Rovira i Virgili

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry

Year: 14th May 2014
Order: 07

Title: "Design and Application of Bisphosphite Ligands with a Distal Regulation Site for Asymmetric Catalysis"

Ph. D. Student: Laura Rovira González
University: Universitat Rovira i Virgili

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry

Date: 17th June 2016
Order: 08

Title: "Development of P-OP Ligands with New Structural Motifs for Rhodium- and Iridium- Mediated Asymmetric Hydrogenations"

Ph. D. Student: Balakrishna Bugga
University: Universitat Rovira i Virgili

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry

Date: 9th September 2016
Order: 09

Title: "Rhodium Catalysis in Enantioselective Hydrogenative Transformations: From the Design of New Ligands to Reactions of Atypical Substrates"

Ph. D. Student: Joan Ramon Lao Mulinari
University: Universitat Rovira i Virgili

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry

Date: 31st October 2017
Order: 10

Title: "Supramolecular Catalysis: Halogen Bonding and Regulation Strategies Applied to Hydroboration and C-H Functionalization Reactions"

Ph. D. Student: Lucas Carreras Vinent
University: Universitat Rovira i Virgili (European Mention)

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry

Date: 17th July 2019
Order: 11

Title: "The Hydroformylation Reaction: from Covalent to Supramolecular Approaches and *Operando* Kinetic Studies"

Ph. D. Student: Alicia Martínez Carrión
University: Universitat Rovira i Virgili (European Mention)

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry

Date: 13th July 2020
Order: 12

Title: "Transition Metal-Catalyzed (Enantioselective) Cycloaddition Reactions for the Formation of 8- and 6-Membered Rings"

Ph. D. Student: Nuria Llorente González
University: Universitat Rovira i Virgili

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry

Date: 22nd April 2021
Order: 13

Title: "Supramolecular Catalytic Systems: Synthesis, Characterization and Application in Catalysis"

Ph. D. Student: Ester Iniesta Beteta

University: Universitat Rovira i Virgili (European Mention) **Faculty/School:** Faculty of Chemistry. Department of Analytical and Organic Chemistry

Date: 22nd April 2021
Order: 14

Title: "Insights in Homochiral Metal–Organic Frameworks: From Their Synthesis to Enantioselective Applications"

Ph. D. Student: Juanjo Cabezas Giménez

University: Universitat Rovira i Virgili (European Mention) **Faculty/School:** Faculty of Chemistry. Department of Analytical and Organic Chemistry

Date: 24th March 2022
Order: 15

Title: "Covalent & Supramolecular Phosphorus Ligands for Linear-Selective Hydroformylations"

Ph. D. Student: Andrés Romero Navarro

University: Universitat Rovira i Virgili (European Mention) **Faculty/School:** Faculty of Chemistry. Department of Analytical and Organic Chemistry

Date: 20th June 2023
Order: 16

Title: "Design of Catalytic Systems Based on Halogen-Bonding Interactions: Synthesis and Application in Catalytic Reactions"

Ph. D. Student: Alba Martínez Bascuñana

University: Universitat de Barcelona (European Mention) **Faculty/School:** Faculty of Chemistry. Department of Inorganic and Organic Chemistry

Date: 1st September 2023
Order: 17

PhD Thesis under Supervision

Title: "Synthesis and characterization of advanced MOFs for the fabrication of optical and chemiresistive sensors for greenhouse gas monitoring"

Ph. D. Student: Ignasi Fort Grandas

University: University of Barcelona

Faculty/School: Faculty of Physics and Faculty of Chemistry. Doctoral school/program in Nanosciences

Year: 2022 - PhD defense due in 2026

Title: "New concepts in the valorization of olefins by hydroformylation and related chemistries"

Ph. D. Student: David Mir Molina

University: University of Barcelona

Faculty/School: Faculty of Chemistry. Doctoral school/program in Organic Chemistry

Year: 2025 - PhD defense due in 2029

Bachelor and Master Thesis Supervised

Title: "Phosphinooxazoline Palladium Complexes in Asymmetric Allylic Alkylation Reactions"

Student: Dana Popa

University: Universitat Rovira i Virgili

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry.

Program: DEA Program

Year: 2006

Title: "Design of Supramolecular Ligands and Asymmetric Catalysis Applications"

Student: Silvia Serres Prades

University: Universitat Rovira i Virgili

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry.

Program: DEA Program

Year: 2007

Title: "Design of Supramolecular Ligands for Asymmetric Catalysis"

Student: Helmut Degenbeck

University: Universitat Rovira i Virgili

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry.

Program: Master in Catalysis

Year: 2007

Title: "Towards New Asymmetric Catalysts and Receptors with Allosteric Modulation"

Student: Ignacio Mon Quílez

University: Universitat Rovira i Virgili

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry.

Program: Master in Synthesis and Catalysis

Year: 2010

Title: "Iridium-catalyzed Asymmetric Hydrogenation of Acyclic Imines and Quinolines: Exploring the Potential of Highly Modular P-OP Ligands"

Student: José Luis Núñez Rico

University: Universitat Rovira i Virgili

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry.

Program: Master in Synthesis and Catalysis

Year: 2010

Title: "Preparation of Enantiomerically Pure 1,1-Phosphine-Phosphites, Preliminary Studies in Asymmetric Hydrogenation"

Student: Carmen M^a Fernández Posada

University: Universitat Rovira i Virgili

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry.

Program: Master in Synthesis and Catalysis

Year: 2012

Title: "Preparation of Cationic Rhodium Complexes Derived from 1,1-P*-OP Ligands for Asymmetric Hydrogenations"

Student: Joan Ramon Lao Mulinari

University: Universitat Rovira i Virgili

Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry.

Program: Master in Synthesis and Catalysis

Year: 2013

Title: "Nickel Mediated [4+4] Cycloadditions: Towards Supramolecularly Regulated Catalysis"
Student: Nuria Llorente González
University: Universitat Rovira i Virgili
Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry.
Program: Master in Synthesis, Catalysis and Molecular Design
Year: 2016

Title: "Synthesis and Characterization of Novel Transition-Metal Catalysts Based on Halogen-Bonding"
Student: Alba Martínez Bascaña
University: Universitat Rovira i Virgili
Faculty/School: Faculty of Chemistry. Department of Analytical and Organic Chemistry.
Program: Master in Synthesis, Catalysis and Molecular Design
Year: 2018

Title: "Halogen Bonding in Supramolecular Catalysis"
Student: Davor Castaño Duro
University: Universitat de Barcelona
Faculty/School: Faculty of Chemistry. Department of Inorganic and Organic Chemistry.
Program: Bachelor Thesis
Year: 2020

Title: "Hydroformylation of Alkenes with Supramolecularly Regulated Catalysts to Obtain Relevant Aldehydes for the Fragrance Industries"
Student: Gerard Pena Pozo
University: Universitat de Barcelona
Faculty/School: Faculty of Chemistry. Department of Inorganic and Organic Chemistry.
Program: Master in Organic Chemistry
Year: 2022

Title: "Development of New Hydroformylation Methods Based on Syngas Surrogates"
Student: David Mir Molina
University: Universitat de Barcelona
Faculty/School: Faculty of Chemistry. Department of Inorganic and Organic Chemistry.
Program: Bachelor Thesis
Year: 2023

Title: "Development of new MOF-based materials for gas sensing"
Student: Gerard Cabañas Gaza
University: Universitat de Barcelona
Faculty/School: Faculty of Chemistry. Department of Inorganic and Organic Chemistry.
Program: Bachelor Thesis
Year: 2024

Title: "Catalytic Hydroformylation of Allenes with Supramolecularly Regulated Rhodium Complexes"
Student: David Mir Molina
University: Universitat de Barcelona
Faculty/School: Faculty of Chemistry. Department of Inorganic and Organic Chemistry.
Program: Master in Organic Chemistry
Year: 2024

Title: "New cobalt catalysts for selective hydroformylation"

Student: Joan Pol Ivorra Idañez

University: Universitat de Barcelona

Faculty/School: Faculty of Chemistry. Department of Inorganic and Organic Chemistry.

Program: Master in Organic Chemistry

Year: 2025

Visiting Students and Scientists

Name: Felix Rudolphi
Category: PhD student
University: Technische Universität Kaiserslautern
Dates: February – May 2009

Name: Álex de la Fuente Cebrián
Category: ICIQ Summer Fellow
University: Institut Químic de Sarrià, Universitat Ramon Llull
Dates: July – September 2009

Name: Carmen M^a Fernández Posada
Category: ICIQ Summer Fellow
University: Universidad Complutense de Madrid
Dates: July – September 2011

Name: Pilar Pardo Abadía
Category: PhD student
University: Universidad de Zaragoza
Dates: July – August 2011

Name: Marino Rolando Börjesson Carazo
Category: ICIQ Summer Fellow
University: Universidad de Granada
Dates: July – September 2013

Name: Alaric Desmarchelier
Category: Post-doctoral researcher
University: Université Pierre et Marie Curie Paris 6
Dates: April 2015

Name: Dominik Lichte
Category: Erasmus student
University: Technische Universität Dortmund
Dates: September 2015 – February 2016

Name: José Navarro Sánchez
Category: Visiting student within his PhD program
University: Universidad de Valencia, Institute of Molecular Science (ICMOL)
Dates: March 2019

Name: Florence Oluwayemisi Babawale
Category: Erasmus student
University: Universität Regensburg, Germany
Dates: August 2019 – September 2019

Name: Hannah Wessely
Category: Erasmus student
University: Universität Bonn
Dates: April 2022 – October 2022

Teaching and Participation in Undergraduate Studies

Institution: CETS Institut Químic de Sarrià, Barcelona

Year: 1995-1996

Description: Lecturer of the subject "Determinación estructural y análisis instrumental (Structural Determination and Instrumental Analysis), 5th year of the Chemical Engineering Studies (Organic and Analysis Divisions)

Institution: CETS Institut Químic de Sarrià, Barcelona

Year: 1996-1997

Description: Lecturer of the subject "Determinación estructural y análisis instrumental (Structural Determination and Instrumental Analysis), 5th year of the Chemical Engineering Studies (Organic and Analysis Divisions)

Institution: CETS Institut Químic de Sarrià, Barcelona

Year: 1997-1998

Description: Lecturer of the subject "Determinación estructural y análisis instrumental (Structural Determination and Instrumental Analysis), 5th year of the Chemical Engineering Studies (Organic and Analysis Divisions)

Institution: CETS Institut Químic de Sarrià, Barcelona

Year: 1998-1999

Description: Lecturer of the subject "Determinación estructural y análisis instrumental (Structural Determination and Instrumental Analysis), 5th year of the Chemical Engineering Studies (Organic and Analysis Divisions)

Institution: Department of Inorganic and Organic Chemistry, Faculty of Chemistry, University of Barcelona

Year: 2019-2020

Description: Lecturer of the experimental subject "Basic Inorganic Experimental Laboratory" within the Chemistry studies

Institution: Department of Inorganic and Organic Chemistry, Faculty of Chemistry, University of Barcelona

Year: 2020-2021

Description: Lecturer of the experimental subject "Basic Inorganic Experimental Laboratory" within the Chemistry studies

Institution: Department of Inorganic and Organic Chemistry, Faculty of Chemistry, University of Barcelona

Year: 2021-2022

Description: Lecturer of the experimental subject "Basic Inorganic Experimental Laboratory" within the Chemistry studies

Institution: Department of Inorganic and Organic Chemistry, Faculty of Chemistry, University of Barcelona

Year: 2022-2023

Description: Lecturer of the experimental subject "Basic Inorganic Experimental Laboratory" within the Chemistry studies

Institution: Department of Inorganic and Organic Chemistry, Faculty of Chemistry, University of Barcelona

Year: 2023-2024

Description: Lecturer of the experimental subject "Basic Inorganic Experimental Laboratory" within the Chemistry studies

Teaching and Participation in Former Doctoral Programs and Masters Studies

Institution: Interuniversity PhD Program (Un. Jaume I, Un. Castilla la Mancha, Un. Com. Mad., Un. Cor., Un. Pol. Val., Un. Nav., Un. Zar., ICIQ, CSIC, In. Un. Ci. Tec.)

Year: 2004-2005

Description: Participation in the lecturing of the subject "Enantioselective Catalysis" of the Interuniversity PhD Program "Sustainable Chemistry"

Institution: University of Bilbao

Year: 2005-2006

Description: Participation in the lecturing of the subject "Enantioselective Catalysis" of the PhD program "Estudios Avanzados en Química Orgánica Fundamental y Aplicada" from the Universidad del País Vasco

Institution: Interuniversity PhD Program (Un. Jaume I, Un. Castilla la Mancha, Un. Com. Mad., Un. Cor., Un. Pol. Val., Un. Nav., Un. Zar., ICIQ, CSIC, In. Un. Ci. Tec.)

Year: 2005-2006

Description: Main responsible in the lecturing of the subject "Enantioselective Catalysis" of the Interuniversity PhD Program "Sustainable Chemistry"

Institution: University "Rovira i Virgili"

Year: 2005-2006

Description: Main responsible in the lecturing of the subject "Advanced Nuclear Magnetic Resonance Spectroscopy" of the PhD Program "Chemistry in Industrial Processes and Products"

Institution: University "Rovira i Virgili"

Year: 2006 – 2007

Description: Main responsible in the lecturing of the subject "Advanced Nuclear Magnetic Resonance Spectroscopy"

Institution: Interuniversity PhD Program (Un. Jaume I, Un. Castilla la Mancha, Un. Com. Mad., Un. Cor., Un. Pol. Val., Un. Nav., Un. Zar., ICIQ, CSIC, In. Un. Ci. Tec.)

Year: 2006-2007

Description: Participation in the lecturing of the subject "Enantioselective Catalysis" of the Interuniversity PhD Program "Sustainable Chemistry"

Institution: University "Rovira i Virgili" and ICIQ

Year: 2014 - 2015

Description: Coordinator of the subject "Structural Determination Techniques" and lecturer of NMR spectroscopy in the Master in "Synthesis, Catalysis and Molecular Design"

Institution: Department of Inorganic and Organic Chemistry, Faculty of Chemistry, University of Barcelona

Year: 2020 - 2021

Description: Lecturer of the subject "Applied Organometallic Chemistry" in the Master in "Applied Materials Chemistry"

Institution: Department of Inorganic and Organic Chemistry, Faculty of Chemistry, University of Barcelona

Year: 2021 - 2022

Description: Lecturer of the subject "Applied Organometallic Chemistry" in the Master in "Applied Materials Chemistry"

Institution: University of Barcelona & University of Algarve & University of Bologna – Erasmus Mundus Master in Chemical Innovation and Regulation

Year: 2021-2022

Description: Lecturer of the subject "Chemical Reactivity Hazards"

Institution: Department of Inorganic and Organic Chemistry, Faculty of Chemistry, University of Barcelona

Year: 2022 - 2023

Description: Lecturer of the subject "Applied Organometallic Chemistry" in the Master in "Applied Materials Chemistry"

Institution: University of Barcelona & University of Algarve & University of Bologna – Erasmus Mundus Master in Chemical Innovation and Regulation

Year: 2022-2023

Description: Lecturer of the subject "Chemical Reactivity Hazards"

Institution: Department of Inorganic and Organic Chemistry, Faculty of Chemistry, University of Barcelona

Year: 2023 - 2024

Description: Lecturer of the subject "Applied Organometallic Chemistry" in the Master in "Applied Materials Chemistry"

Organization of R+D Activities Experience

Title: Supramolecular Approaches to Catalysis

Type of Activity: Conference; co-Chairman and Organizer **Area:** Worldwide

Date: 02/03/2008-05/03/2008

Title: Aldrich-ICIQ Minisymposium in Organometallic Chemistry

Type of Activity: Conference, Chairman and Organizer **Area:** National

Date: 06/11/2008

Title: XII Young Investigator Award; Division of Organic Chemistry of EuChemS

Type of Activity: Conference, Chairman and organizer **Area:** European

Date: 25/11/2021-26/11/2021

Title: Highlighting Organic Chemistry in Catalonia; Division of Organic Chemistry of EuChemS

Type of Activity: Conference, Chairman and organizer **Area:** European

Date: 8/11/2024

Other Merits
(in one DIN A4 page only)

- “Human Capital and Mobility” Fellow at the University of Cambridge Chemical Laboratory, UK (1993 – 1994)
- Visiting Scientist at the Central Research Division of BAYER AG, Leverkusen, Germany (1999 – 2000)
- Research Group has been receiving the “Consolidated Research Group” status from the Catalan Agency for Academic Research (from 2004)
- Honorary member of the Israel Chemical Society (from 2009-2023)
- Fellow of the Royal Society of Chemistry (FRSC, from 2014)
- Member of the steering committee of the “International Conference on Phosphorus Chemistry” (from 2014)
- Visiting Professor at the Institut Parisien de Chimie Moléculaire (IPCM) of the “Université Pierre et Marie Curie”, Paris (2016)
- Visiting Professor at the Institute of Chemistry and Biochemistry of the “Freie Universität Berlin” (2019)
- Member of the “Junta Directiva de la Societat Catalana de Química” (Board of the Catalan Society of Chemistry) (2020-2024)
- Representative of the “Societat Catalana de Química, SCQ” (Catalan Society of Chemistry) in the Board of the Division of Organic Chemistry of EuChemS (2021-2025)
- Visiting Academic at the Institut Parisien de Chimie Moléculaire (IPCM) of the “Université Pierre et Marie Curie”, Paris (2025)