

JosÃ© I GarcÃ­a

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7755042/publications.pdf>

Version: 2024-02-01

199
papers

7,393
citations

47006

47
h-index

82547

72
g-index

229
all docs

229
docs citations

229
times ranked

5495
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Readily Scalable Methodology for the Synthesis of Nonsymmetric Glyceryl Diethers by a Tandem Acid-/Base-Catalyzed Process. <i>Organic Process Research and Development</i> , 2020, 24, 154-162. | 2.7 | 5 |
| 2 | Glycerol Ethers as Hydrotropes and Their Use to Enhance the Solubility of Phenolic Acids in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5742-5749. | 6.7 | 35 |
| 3 | Glycerol-Derived Solvents: Synthesis and Properties of Symmetric Glyceryl Diethers. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13004-13014. | 6.7 | 27 |
| 4 | Role of Substituents in the Solid Acid-Catalyzed Cleavage of the β^2 -O-4 Linkage in Lignin Models. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 1837-1847. | 6.7 | 29 |
| 5 | Optimization of the Synthesis of Glycerol Derived Monoethers from Glycidol by Means of Heterogeneous Acid Catalysis. <i>Molecules</i> , 2018, 23, 2887. | 3.8 | 9 |
| 6 | Synthetic Transformations for the Valorization of Fatty Acid Derivatives. <i>Synthesis</i> , 2017, 49, 1444-1460. | 2.3 | 42 |
| 7 | Ecotoxicity and QSAR studies of glycerol ethers in <i>Daphnia magna</i> . <i>Chemosphere</i> , 2017, 183, 277-285. | 8.2 | 36 |
| 8 | Glycerol as a source of designer solvents: physicochemical properties of low melting mixtures containing glycerol ethers and ammonium salts. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 28302-28312. | 2.8 | 37 |
| 9 | Synthesis of 3-alkoxypropan-1,2-diols from glycidol: experimental and theoretical studies for the optimization of the synthesis of glycerol derived solvents. <i>Green Chemistry</i> , 2017, 19, 4176-4185. | 9.0 | 24 |
| 10 | An expedient synthesis of resveratrol through a highly recoverable palladium catalyst. <i>Tetrahedron</i> , 2017, 73, 5581-5584. | 1.9 | 12 |
| 11 | Comparative ecotoxicity study of glycerol-biobased solvents. <i>Environmental Chemistry</i> , 2017, 14, 370. | 1.5 | 13 |
| 12 | Comparative ecotoxicology study of two neoteric solvents: Imidazolium ionic liquid vs. glycerol derivative. <i>Ecotoxicology and Environmental Safety</i> , 2016, 132, 429-434. | 6.0 | 19 |
| 13 | Influence of Polarity and Activation Energy in Microwave-Assisted Organic Synthesis (MAOS). <i>ChemistryOpen</i> , 2015, 4, 308-317. | 1.9 | 54 |
| 14 | Polytopic bis(oxazoline)-based ligands for recoverable catalytic systems applied to the enantioselective Henry reaction. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9314-9322. | 2.8 | 9 |
| 15 | An extremely highly recoverable clay-supported Pd nanoparticle catalyst for solvent-free Heck-Mizoroki reactions. <i>RSC Advances</i> , 2015, 5, 59983-59990. | 3.6 | 27 |
| 16 | Ecotoxicity studies of glycerol ethers in <i>Vibrio fischeri</i> : checking the environmental impact of glycerol-derived solvents. <i>Green Chemistry</i> , 2015, 17, 4326-4333. | 9.0 | 35 |
| 17 | Microwave-promoted solventless Mizoroki-Heck reactions catalysed by Pd nanoparticles supported on laponite clay. <i>RSC Advances</i> , 2015, 5, 10102-10109. | 3.6 | 22 |
| 18 | Pd nanoparticles immobilized in [bmim][PF6] supported on laponite clay as highly recyclable catalysts for the Mizoroki-Heck reaction. <i>Applied Catalysis A: General</i> , 2014, 472, 21-28. | 4.3 | 34 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Polytopic Bis(oxazoline)-Based Ligands for the Development of Recoverable Catalytic Systems Applied to the Cyclopropanation Reaction. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1531-1540. | 2.4 | 14 |
| 20 | Glycerol based solvents: synthesis, properties and applications. <i>Green Chemistry</i> , 2014, 16, 1007-1033. | 9.0 | 229 |
| 21 | The issue of "molecular radiators"™ in microwave-assisted reactions. Computational calculations on ring closing metathesis (RCM). <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2436-2445. | 2.8 | 19 |
| 22 | Asymmetric cyclopropanation in ionic liquids promoted by dicopper complexes of ditopic ligands. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 833-837. | 1.8 | 4 |
| 23 | Quantitative structure-property relationships prediction of some physico-chemical properties of glycerol based solvents. <i>Green Chemistry</i> , 2013, 15, 2283. | 9.0 | 24 |
| 24 | AraBOX and XyliBOX based catalysts for cyclopropanations, Diels Alder cycloadditions and allylic additions. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 750-757. | 1.8 | 4 |
| 25 | Multiphase enantioselective Kharasch-Sosnovsky allylic oxidation based on neoteric solvents and copper complexes of ditopic ligands. <i>Dalton Transactions</i> , 2012, 41, 8285. | 3.3 | 21 |
| 26 | Bis(oxazoline)-Based Coordination Polymers: A Recoverable System for Enantioselective Henry Reactions. <i>Journal of Organic Chemistry</i> , 2012, 77, 5525-5532. | 3.2 | 33 |
| 27 | Predicting the Enantioselectivity of the Copper-Catalysed Cyclopropanation of Alkenes by Using Quantitative Quadrant-Diagram Representations of the Catalysts. <i>Chemistry - A European Journal</i> , 2012, 18, 14026-14036. | 3.3 | 39 |
| 28 | DFT Studies on Cobalt-Catalyzed Cyclotrimerization Reactions: The Mechanism and Origin of Reaction Improvement under Microwave Irradiation. <i>Chemistry - A European Journal</i> , 2012, 18, 6217-6224. | 3.3 | 36 |
| 29 | A reusable enantioselective catalytic system for the Kharasch-Sosnovsky allylic oxidation of alkenes based on a ditopic azabis(oxazoline) ligand. <i>Tetrahedron</i> , 2012, 68, 3417-3422. | 1.9 | 28 |
| 30 | Solvents derived from glycerol modify classical regioselectivity in the enzymatic synthesis of disaccharides with <i>Biolacta</i> Î²-galactosidase. <i>Green Chemistry</i> , 2011, 13, 2810. | 9.0 | 25 |
| 31 | Accurate Calculation of Chemical Shifts in Highly Dynamic H ₂ @C ₆₀ through an Integrated Quantum Mechanics/Molecular Dynamics Scheme. <i>Organic Letters</i> , 2011, 13, 2528-2531. | 4.6 | 11 |
| 32 | Improved synthesis of disaccharides with <i>Escherichia coli</i> Î²-galactosidase using bio-solvents derived from glycerol. <i>Tetrahedron</i> , 2011, 67, 7708-7712. | 1.9 | 22 |
| 33 | CAFC9, 9th Congress on Catalysis Applied to Fine Chemicals (Zaragoza, Spain, September 13-16, 2010). <i>Catalysis Today</i> , 2011, 173, 1. | 4.4 | 2 |
| 34 | Polytopic Oxazoline-Based Chiral Ligands for Cyclopropanation Reactions: A New Strategy to Prepare Highly Recyclable Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2691-2700. | 4.3 | 22 |
| 35 | Can Enantioselectivity be Computed in Enthalpic Barrierless Reactions? The Case of Cu ^I -Catalyzed Cyclopropanation of Alkenes. <i>Chemistry - A European Journal</i> , 2011, 17, 529-539. | 3.3 | 14 |
| 36 | Epoxidation of cyclooctene and cyclohexene with hydrogen peroxide catalyzed by bis[3,5-bis(trifluoromethyl)-diphenyl] diselenide: Recyclable catalyst-containing phases through the use of glycerol-derived solvents. <i>Journal of Molecular Catalysis A</i> , 2011, 334, 83-88. | 4.8 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Applied Biotransformations in Green Solvents. Chemistry - A European Journal, 2010, 16, 9422-9437. | 3.3 | 99 |
| 38 | STUDIES IN THE AZOLE SERIES. CIV.1 EXPERIMENTAL AND CALCULATED DIPOLE MOMENTS OF 3(5)-PHENYLPYRAZOLES. Bulletin Des SociÃ©tÃ©s Chimiques Belges, 2010, 104, 383-386. | 0.0 | 6 |
| 39 | Green solvents from glycerol. Synthesis and physico-chemical properties of alkyl glycerol ethers. Green Chemistry, 2010, 12, 426. | 9.0 | 131 |
| 40 | Stereoselectivity induced by support confinement effects. Aza-pyridinoxazolines: A new family of C1-symmetric ligands for copper-catalyzed enantioselective cyclopropanation reactions. Dalton Transactions, 2010, 39, 2098. | 3.3 | 13 |
| 41 | Study of the recycling possibilities for azabis(oxazoline)â€“cobalt complexes as catalysts for enantioselective conjugate reduction. Green Chemistry, 2010, 12, 435. | 9.0 | 40 |
| 42 | Heterogenization on Inorganic Supports: Methods and Applications. Catalysis By Metal Complexes, 2010, , 65-121. | 0.6 | 6 |
| 43 | Beyond reuse in chiral immobilized catalysis: The bis(oxazoline) case. Catalysis Today, 2009, 140, 44-50. | 4.4 | 31 |
| 44 | Noncovalent Immobilization of Enantioselective Catalysts. Chemical Reviews, 2009, 109, 360-417. | 47.7 | 303 |
| 45 | Glycerol-based solvents as green reaction media in epoxidations with hydrogen peroxide catalysed by bis[3,5-bis(trifluoromethyl)-diphenyl] diselenide. Green Chemistry, 2009, 11, 1605. | 9.0 | 54 |
| 46 | The unusual reactivity of benzene and monosubstituted benzenes towards tetracyanoethylene oxide: a theoretical study. New Journal of Chemistry, 2009, 33, 471-478. | 2.8 | 2 |
| 47 | Enantioselective catalysis with chiral complexes immobilized on nanostructured supports. Chemical Society Reviews, 2009, 38, 695-706. | 38.1 | 134 |
| 48 | Enantiodiscrimination of equol in Î²-cyclodextrin: an experimental and computational study. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2008, 60, 103-113. | 1.6 | 10 |
| 49 | Recent advances in the immobilization of chiral catalysts containing bis(oxazolines) and related ligands. Coordination Chemistry Reviews, 2008, 252, 624-646. | 18.8 | 96 |
| 50 | Mechanistic insights on the site selectivity in successive 1,3-dipolar cycloadditions to meso-tetraarylporphyrins. Tetrahedron, 2008, 64, 7937-7943. | 1.9 | 28 |
| 51 | Surface confinement effects in enantioselective catalysis: Design of new heterogeneous chiral catalysts based on C1-symmetric bisoxazolines and their application in cyclopropanation reactions. Journal of Catalysis, 2008, 258, 378-385. | 6.2 | 44 |
| 52 | An Efficient and Straightforward Access to Sulfur Substituted [2.2]Paracyclophanes: Application to Stereoselective Sulfenate Salt Alkylation. Organic Letters, 2008, 10, 1271-1274. | 4.6 | 29 |
| 53 | Preparation of Î±-hydroxyphosphonates over phosphate catalysts. Catalysis Communications, 2008, 9, 2503-2508. | 3.3 | 29 |
| 54 | Linking Homogeneous and Heterogeneous Enantioselective Catalysis through a Self-Assembled Coordination Polymer. Organic Letters, 2008, 10, 4995-4998. | 4.6 | 42 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | Surface Confinement Effects on Enantioselective Cyclopropanation. Reactions with Supported Chiral 8-Oxazolylquinoline-Copper Complexes. <i>Organometallics</i> , 2008, 27, 2246-2251. | 2.3 | 28 |
| 56 | Simple and Efficient Heterogeneous Copper Catalysts for Enantioselective C-H Carbene Insertion. <i>Organic Letters</i> , 2007, 9, 731-733. | 4.6 | 99 |
| 57 | Supported Ionic-Liquid Films (SILF) as Two-Dimensional Nanoreactors for Enantioselective Reactions: Surface-Mediated Selectivity Modulation (SMSM). <i>Chemistry - A European Journal</i> , 2007, 13, 287-291. | 3.3 | 77 |
| 58 | QM/MM Modeling of Enantioselective Pybox-Ruthenium- and Box-Copper-Catalyzed Cyclopropanation Reactions: Scope, Performance, and Applications to Ligand Design. <i>Chemistry - A European Journal</i> , 2007, 13, 4064-4073. | 3.3 | 43 |
| 59 | C ₁ -Symmetric Versus C ₂ -Symmetric Ligands in Enantioselective Copper-Bis(oxazoline)-Catalyzed Cyclopropanation Reactions. <i>Chemistry - A European Journal</i> , 2007, 13, 8830-8839. | 3.3 | 50 |
| 60 | Mechanistic study of the ring-size modulation in Michael-Dieckmann type reactions of 2-acylaminoacrylates with ketene diethyl acetal. <i>New Journal of Chemistry</i> , 2007, 31, 224-229. | 2.8 | 9 |
| 61 | Conformational Preferences of Methacrolein in Diels-Alder and 1,3-Dipolar Cycloaddition Reactions. <i>Journal of Organic Chemistry</i> , 2006, 71, 9831-9840. | 3.2 | 35 |
| 62 | Synthesis of non-symmetric bisoxazoline compounds. An easy way to reach tailored chiral ligands. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 2270-2275. | 1.8 | 19 |
| 63 | The First Synthesis of Organic-Inorganic Hybrid Materials with Chiral Bis(oxazoline) Ligands.. <i>ChemInform</i> , 2006, 37, no. | 0.0 | 0 |
| 64 | Aspartame analogues containing 1-amino-2-phenylcyclohexanecarboxylic acids (c6Phe). Part 2. <i>Tetrahedron</i> , 2005, 61, 2913-2919. | 1.9 | 2 |
| 65 | Reversible microencapsulation of pybox-Ru chiral catalysts: scope and limitations. <i>Tetrahedron</i> , 2005, 61, 12107-12110. | 1.9 | 25 |
| 66 | Catalytic sites in silica-supported titanium catalysts: silsesquioxane complexes as models. <i>Journal of Catalysis</i> , 2005, 233, 90-99. | 6.2 | 74 |
| 67 | Are AM1 ligand-protein binding enthalpies good enough for use in the rational design of new drugs?. <i>Journal of Computational Chemistry</i> , 2005, 26, 1347-1358. | 3.3 | 38 |
| 68 | The Source of the endo Rule in the Diels-Alder Reaction: Are Secondary Orbital Interactions Really Necessary?. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 85-90. | 2.4 | 34 |
| 69 | Asymmetric versus C ₂ -Symmetric Ligands: Origin of the Enantioselectivity in Ruthenium-Pybox-Catalyzed Cyclopropanation Reactions. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 458-461. | 13.8 | 27 |
| 70 | Asymmetric versus C ₂ -Symmetric Ligands: Origin of the Enantioselectivity in Ruthenium-Pybox-Catalyzed Cyclopropanation Reactions. <i>Angewandte Chemie</i> , 2005, 117, 462-465. | 2.0 | 9 |
| 71 | A Flexible and Versatile Strategy for the Covalent Immobilization of Chiral Catalysts Based on Pyridinebis(oxazoline) Ligands.. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 72 | An Efficient and General One-Pot Method for the Synthesis of Chiral Bis(oxazoline) and Pyridine Bis(oxazoline) Ligands. <i>Synlett</i> , 2005, 2005, 2321-2324. | 1.8 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | The first synthesis of organic-inorganic hybrid materials with chiral bis(oxazoline) ligands. <i>Chemical Communications</i> , 2005, , 4669. | 4.1 | 17 |
| 74 | Computational Mechanistic Studies on Enantioselective pybox-Ruthenium-Catalyzed Cyclopropanation Reactions. <i>Organometallics</i> , 2005, 24, 3448-3457. | 2.3 | 19 |
| 75 | Solvent Effects on the 9-Hydroxymethylanthracene +N-Ethylmaleimide Diels-Alder Reaction. A Theoretical Study. <i>Journal of Organic Chemistry</i> , 2005, 70, 1456-1458. | 3.2 | 12 |
| 76 | A Flexible and Versatile Strategy for the Covalent Immobilization of Chiral Catalysts Based on Pyridinebis(oxazoline) Ligands. <i>Journal of Organic Chemistry</i> , 2005, 70, 5536-5544. | 3.2 | 49 |
| 77 | Bis(oxazoline)-copper complexes supported by electrostatic interactions: scope and limitations. <i>Journal of Catalysis</i> , 2004, 221, 532-540. | 6.2 | 49 |
| 78 | The use of Lewis acids in the synthesis of 5-arylhydantoins. <i>Journal of Catalysis</i> , 2004, 226, 192-196. | 6.2 | 8 |
| 79 | Comparison of hydrophilic and hydrophobic silicas as supports for titanium catalysts. <i>Applied Catalysis A: General</i> , 2004, 276, 113-122. | 4.3 | 17 |
| 80 | Theoretical Insights into the Role of a Counterion in Copper-Catalyzed Enantioselective Cyclopropanation Reactions. <i>Chemistry - A European Journal</i> , 2004, 10, 758-765. | 3.3 | 60 |
| 81 | The Role of Binding Constants in the Efficiency of Chiral Catalysts Immobilized by Electrostatic Interactions: The Case of Azabis(oxazoline)-Copper Complexes. <i>Chemistry - A European Journal</i> , 2004, 10, 2997-3005. | 3.3 | 71 |
| 82 | The importance of complex stability for asymmetric copper-catalyzed cyclopropanations in [emim][OTf] ionic liquid: the bis(oxazoline)-azabis(oxazoline) case. <i>Tetrahedron Letters</i> , 2004, 45, 6765-6768. | 1.4 | 50 |
| 83 | Immobilized pybox systems as recoverable chiral catalysts. <i>Comptes Rendus Chimie</i> , 2004, 7, 161-167. | 0.5 | 8 |
| 84 | The replacement of mineral acids by sulfonic resins in the synthesis of rac-5-(4-hydroxyphenyl)hydantoin from p-hydroxymandelic acid and urea. <i>Applied Catalysis A: General</i> , 2004, 274, 9-14. | 4.3 | 7 |
| 85 | Comparison of the immobilization of chiral bis(oxazoline)-copper complexes onto anionic solids and in ionic liquids. <i>Green Chemistry</i> , 2004, 6, 93-98. | 9.0 | 52 |
| 86 | Bis(oxazoline)-copper complexes, immobilized by electrostatic interactions, as catalysts for enantioselective aziridination. <i>Arkivoc</i> , 2004, 2004, 67-73. | 0.5 | 0 |
| 87 | Title is missing!. <i>Catalysis Letters</i> , 2003, 88, 31-32. | 2.6 | 2 |
| 88 | Application of natural phosphate modified with sodium nitrate in the synthesis of chalcones: a soft and clean method. <i>Journal of Catalysis</i> , 2003, 213, 1-6. | 6.2 | 56 |
| 89 | Polymer immobilization of bis(oxazoline) ligands using dendrimers as cross-linkers. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 773-778. | 1.8 | 43 |
| 90 | Surface-mediated improvement of enantioselectivity with clay-immobilized copper catalysts. <i>Journal of Molecular Catalysis A</i> , 2003, 196, 101-108. | 4.8 | 54 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 91 | Optimization of cyclohexene epoxidation with dilute hydrogen peroxide and silica-supported titanium catalysts. <i>Applied Catalysis A: General</i> , 2003, 245, 363-376. | 4.3 | 88 |
| 92 | Heterogeneous catalysis in the synthesis and reactivity of allantoin. <i>Green Chemistry</i> , 2003, 5, 275-277. | 9.0 | 12 |
| 93 | Understanding the Unusual Regioselectivity in the Nucleophilic Ring-Opening Reactions of gem-Disubstituted Cyclic Sulfates. <i>Experimental and Theoretical Studies. Journal of Organic Chemistry</i> , 2003, 68, 4506-4513. | 3.2 | 18 |
| 94 | Experimental and Theoretical Studies on Structure~Reactivity Relationships of Titanium-Modified Silicas in the Hydrogen Peroxide-Promoted Oxidation of Cyclohexene. <i>Journal of Physical Chemistry B</i> , 2003, 107, 519-526. | 2.6 | 22 |
| 95 | Mechanisms of Acid Decomposition of Dithiocarbamates. 4. Theoretical Calculations on the Water-Catalyzed Reaction. <i>Journal of Organic Chemistry</i> , 2002, 67, 2755-2761. | 3.2 | 9 |
| 96 | The First Immobilization of Pyridine-bis(oxazoline) Chiral Ligands. <i>Organic Letters</i> , 2002, 4, 3927-3930. | 4.6 | 67 |
| 97 | Theoretical Analysis of the Electron Spin Density Distribution of the Flavin Semiquinone Isoalloxazine Ring within Model Protein Environments. <i>Journal of Physical Chemistry A</i> , 2002, 106, 4729-4735. | 2.5 | 37 |
| 98 | Immobilisation of bis(oxazoline)~copper complexes on clays and nanocomposites. Influence of different parameters on activity and selectivity. <i>Journal of Materials Chemistry</i> , 2002, 12, 3290-3295. | 6.7 | 55 |
| 99 | Improvement of ligand economy controlled by polymer morphology: The case of polymer-Supported bis(oxazoline) catalysts. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 1821-1824. | 2.2 | 27 |
| 100 | The use of solid acids to promote the one-pot synthesis of dl-5-(4-hydroxyphenyl)hydantoin. <i>Applied Catalysis A: General</i> , 2002, 224, 153-159. | 4.3 | 10 |
| 101 | Aspartame analogues containing 1-amino-2-phenylcyclohexanecarboxylic acids (c6Phe). <i>Tetrahedron</i> , 2002, 58, 4899-4905. | 1.9 | 3 |
| 102 | Bis(oxazoline)copper Complexes Covalently Bonded to Insoluble Support as Catalysts in Cyclopropanation Reactions. <i>Journal of Organic Chemistry</i> , 2001, 66, 8893-8901. | 3.2 | 123 |
| 103 | Theoretical (DFT) Insights into the Mechanism of Copper-Catalyzed Cyclopropanation Reactions. Implications for Enantioselective Catalysis. <i>Journal of the American Chemical Society</i> , 2001, 123, 7616-7625. | 13.7 | 176 |
| 104 | Is MCM-41 really advantageous over amorphous silica? The case of grafted titanium epoxidation catalysts. <i>Chemical Communications</i> , 2001, , 1510-1511. | 4.1 | 44 |
| 105 | Title is missing!. <i>Green Chemistry</i> , 2001, 3, 271-274. | 9.0 | 44 |
| 106 | A test for the coexistence of reactive intermediates with different molecular composition in chiral Lewis acid-catalysed reactions: the case of Ti-TADDOLate-catalysed Diels~Alder reactions. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1829-1835. | 1.8 | 6 |
| 107 | Enantioselective cyclopropanation reactions in ionic liquids. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1891-1894. | 1.8 | 75 |
| 108 | Bis(oxazoline)-metal complexes immobilised by electrostatic interactions as heterogeneous catalysts for enantioselective Diels~Alder reactions. <i>Journal of Molecular Catalysis A</i> , 2001, 165, 211-218. | 4.8 | 43 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 109 | Epoxidation of chiral electron-deficient alkenes with basic heterogeneous catalysts. <i>Applied Catalysis A: General</i> , 2001, 207, 239-246. | 4.3 | 22 |
| 110 | Tandem Diels-Alder Aromatization Reactions of Furans under Unconventional Reaction Conditions - Experimental and Theoretical Studies. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 2891. | 2.4 | 32 |
| 111 | Effect of the Reaction Conditions on the Epoxidation of Alkenes with Hydrogen Peroxide Catalyzed by Silica-Supported Titanium Derivatives. <i>Journal of Catalysis</i> , 2001, 204, 146-156. | 6.2 | 50 |
| 112 | How Important is the Inert Matrix of Supported Enantiomeric Catalysts? Reversal of Topicity with Two Polystyrene Backbones. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1503-1506. | 13.8 | 98 |
| 113 | Title is missing!. <i>Topics in Catalysis</i> , 2000, 13, 303-309. | 2.8 | 36 |
| 114 | Silica-Supported Titanium Derivatives as Catalysts for the Epoxidation of Alkenes with Hydrogen Peroxide: A New Way to Tuneable Catalytic Activity through Ligand Exchange. <i>Journal of Catalysis</i> , 2000, 189, 40-51. | 6.2 | 95 |
| 115 | Immobilizing a single pybox ligand onto a library of solid supports. <i>Molecular Diversity</i> , 2000, 6, 93-105. | 3.9 | 4 |
| 116 | Polymer-Supported Bis(oxazoline)-Copper Complexes as Catalysts in Cyclopropanation Reactions. <i>Organic Letters</i> , 2000, 2, 3905-3908. | 4.6 | 109 |
| 117 | Spectroscopic Study of the Structure of Bis(oxazoline)copper Complexes in Solution and Immobilized on Laponite Clay. Influence of the Structure on the Catalytic Performance. <i>Langmuir</i> , 2000, 16, 5607-5612. | 3.5 | 38 |
| 118 | Do Secondary Orbital Interactions Really Exist?. <i>Accounts of Chemical Research</i> , 2000, 33, 658-664. | 15.6 | 153 |
| 119 | Caracterizaci3n, mediante espectroscopia EPR, de los catalizadores quirales bis (Oxazolina)-Cu soportados en Laponitas. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2000, 39, 552-555. | 1.9 | 0 |
| 120 | Solvent and counterion effects in the asymmetric cyclopropanation catalysed by bis(oxazoline)-copper complexes. <i>Journal of Molecular Catalysis A</i> , 1999, 144, 85-89. | 4.8 | 39 |
| 121 | Bis(oxazoline)-Copper Complexes, Supported by Electrostatic Interactions, as Heterogeneous Catalysts for Enantioselective Cyclopropanation Reactions: Influence of the Anionic Support. <i>Journal of Catalysis</i> , 1999, 186, 214-221. | 6.2 | 75 |
| 122 | Homogeneous and Supported Copper Complexes of Cyclic and Open-Chain Polynitrogenated Ligands as Catalysts of Cyclopropanation Reactions. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 2347-2354. | 2.0 | 30 |
| 123 | Theoretical evidence of a feasible concerted antara-antara cycloaddition. <i>Chemical Communications</i> , 1999, , 903-904. | 4.1 | 1 |
| 124 | On the Nature of the Lewis Acid Sites of Aluminum-Modified Silica. A Theoretical and Experimental Study. <i>Journal of Physical Chemistry B</i> , 1999, 103, 1664-1670. | 2.6 | 12 |
| 125 | Title is missing!. <i>Catalysis Letters</i> , 1998, 51, 235-239. | 2.6 | 2 |
| 126 | Empirical treatment of solvent-solute interactions: medium effects on the electronic absorption spectrum of ?-carotene. <i>Journal of Physical Organic Chemistry</i> , 1998, 11, 193-200. | 1.9 | 21 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 127 | Clay-supported non-chiral and chiral Mn(salen) complexes as catalysts for olefin epoxidation. <i>Journal of Molecular Catalysis A</i> , 1998, 136, 47-57. | 4.8 | 99 |
| 128 | Clay-supported bis(oxazoline)-copper complexes as heterogeneous catalysts of enantioselective cyclopropanation reactions. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 3997-4008. | 1.8 | 62 |
| 129 | Solubility of gases in fluoroorganic alcohols Part I. Solubilities of several non-polar gases in 1,1,1,3,3,3-hexafluoropropan-2-ol at 298.15 K and 101.33 kPa. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 3595-3599. | 1.7 | 20 |
| 130 | Density Functional Theory Study of a Lewis Acid Catalyzed Diels-Alder Reaction. The Butadiene + Acrolein Paradigm. <i>Journal of the American Chemical Society</i> , 1998, 120, 2415-2420. | 13.7 | 123 |
| 131 | Quantum Chemical Insights into the Mechanism of the TADDOL-TiCl ₂ Catalyzed Diels-Alder Reactions. <i>Journal of Organic Chemistry</i> , 1998, 63, 2321-2324. | 3.2 | 14 |
| 132 | Dramatic Medium Effects on Reactivity. The Ionization Sites of Pyrrole and Indole Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 1998, 120, 13224-13229. | 13.7 | 13 |
| 133 | Solvent effects on Diels-Alder reactions. The use of aqueous mixtures of fluorinated alcohols and the study of reactions of acrylonitrile. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 653. | 0.9 | 78 |
| 134 | An Ab Initio Study on the Conformational and Endo/exo Preferences of Acrylates in Diels-Alder Reactions. <i>Tetrahedron</i> , 1997, 53, 6057-6064. | 1.9 | 23 |
| 135 | Asymmetric cyclopropanation catalysed by cationic bis(oxazoline)-CuII complexes exchanged into clays. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2089-2092. | 1.8 | 49 |
| 136 | TADDOL-TiCl ₂ catalyzed Diels-Alder reactions: unexpected influence of the substituents in the 2-position of the dioxolane ring on the stereoselectivity. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2561-2570. | 1.8 | 21 |
| 137 | Contribution of different mechanisms and different active sites to the clay-catalyzed Diels-Alder reactions. <i>Journal of Molecular Catalysis A</i> , 1997, 121, 97-102. | 4.8 | 15 |
| 138 | Structure and relative Lewis acidity of the catalytic sites of an aluminium-modified silica gel A theoretical study. <i>Journal of Molecular Catalysis A</i> , 1997, 119, 95-103. | 4.8 | 5 |
| 139 | ZnCl ₂ , ZnI ₂ and TiCl ₄ supported on silica gel as catalysts for the Diels-Alder reactions of furan. <i>Journal of Molecular Catalysis A</i> , 1997, 123, 43-47. | 4.8 | 20 |
| 140 | 1,3-Dipolar cycloaddition of diazomethane to chiral azlactones. Experimental and theoretical studies. <i>Tetrahedron</i> , 1997, 53, 4479-4486. | 1.9 | 24 |
| 141 | Molecular modelling study of β -cyclodextrin inclusion complexes. <i>Chemical Physics Letters</i> , 1997, 271, 178-184. | 2.6 | 42 |
| 142 | Cyclopropanation reactions catalysed by copper(II)-exchanged clays and zeolites. Influence of the catalyst on the selectivity. <i>Chemical Communications</i> , 1996, , 1319-1320. | 4.1 | 27 |
| 143 | Is It [4 + 2] or [2 + 4]? A New Look at Lewis Acid Catalyzed Diels-Alder Reactions. <i>Journal of the American Chemical Society</i> , 1996, 118, 11680-11681. | 13.7 | 24 |
| 144 | Investigation of Dienophile-TiCl ₄ Complexation by Means of X-ray Absorption and ¹³ C-NMR Spectroscopies. <i>Journal of Organic Chemistry</i> , 1996, 61, 1636-1642. | 3.2 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 145 | First Asymmetric Diels-Alder Reactions of Furan and Chiral Acrylates. Usefulness of Acid Heterogeneous Catalysts. <i>Journal of Organic Chemistry</i> , 1996, 61, 9479-9482. | 3.2 | 47 |
| 146 | Modelling of solvent effects on the Diels-Alder reaction. <i>Chemical Society Reviews</i> , 1996, 25, 209-218. | 38.1 | 94 |
| 147 | Calcined and silylated K10 montmorillonites as catalysts of pericyclic reactions of trans-anethole. <i>Chemical Communications</i> , 1996, , 1981-1982. | 4.1 | 9 |
| 148 | On the conformational preferences of α,β -unsaturated carbonyl compounds. An ab initio study. <i>Computational and Theoretical Chemistry</i> , 1996, 362, 187-197. | 1.5 | 20 |
| 149 | AlPO ₄ catalyzed Diels-Alder reaction of cyclopentadiene with (-)-menthyl acrylate. Influence of catalyst surface properties. <i>Catalysis Letters</i> , 1996, 36, 215-221. | 2.6 | 12 |
| 150 | Comparison of AlEt ₂ Cl and ZnCl ₂ supported on silica gel as catalysts of Diels-Alder reactions. Influence of the nature of the dienophile. <i>Catalysis Letters</i> , 1996, 37, 261-266. | 2.6 | 11 |
| 151 | A new titanium-silica catalyst for the epoxidation of alkenes. <i>Journal of Molecular Catalysis A</i> , 1996, 112, 259-267. | 4.8 | 74 |
| 152 | Chiral lewis acids supported on silica gel and alumina, and their use as catalysts in Diels-Alder reactions of methacrolein and bromoacrolein. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 2263-2276. | 1.8 | 35 |
| 153 | Molecular modelling of the isothiazolo[5,4-b]pyridin-3(2H)-one derivatives. <i>Tetrahedron</i> , 1996, 52, 8947-8956. | 1.9 | 8 |
| 154 | Diastereoselective Strecker reaction of D-glyceraldehyde derivatives. A novel route to (2S,3S)- and (2R,3S)-2-amino-3,4-dihydroxybutyric acid. <i>Tetrahedron</i> , 1996, 52, 9563-9574. | 1.9 | 34 |
| 155 | Comparison of several heterogeneous catalysts in the epoxidation of α -isophorone with hydroperoxides. <i>Tetrahedron Letters</i> , 1996, 37, 5995-5996. | 1.4 | 45 |
| 156 | Heterogeneous activation of Diels-Alder reactions of non-chiral and chiral (E)-2-cyanocinnamates. <i>Applied Catalysis A: General</i> , 1996, 136, 113-123. | 4.3 | 12 |
| 157 | Diels-Alder reactions of (E)-2-phenyl-4-[(S)-2,2-dimethyl-1,3-dioxolan-4-ylmethylene]-5(4H)-oxazolone with heterogeneous catalysts. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 2391-2398. | 1.8 | 19 |
| 158 | A model for the interaction between β -cyclodextrin and some acrylic esters. <i>Chemical Physics Letters</i> , 1995, 245, 335-342. | 2.6 | 20 |
| 159 | Metal complexes of biologically important ligands: Synthesis of amino acidato complexes of PdII containing a C,N-cyclometallated group as an ancillary ligand. <i>Journal of Organometallic Chemistry</i> , 1995, 490, 35-43. | 1.8 | 51 |
| 160 | The use of heterogeneous catalysis in Diels-Alder reactions of N-acetyl- α,β -dehydroalaninates. <i>Tetrahedron</i> , 1995, 51, 1295-1300. | 1.9 | 31 |
| 161 | (Z)- and (E)-2-phenyl-4-benzylidene-5(4H)-oxazolones as dienophiles. Improved selectivity by the use of heterogeneous catalysts. <i>Tetrahedron</i> , 1995, 51, 9217-9222. | 1.9 | 17 |
| 162 | Clay-catalyzed Friedel-Crafts alkylation of anisole with dienes. <i>Applied Catalysis A: General</i> , 1995, 123, 273-287. | 4.3 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Diels-Alder reactions of $\hat{\text{I}}\pm$ -amino acid precursors by heterogeneous catalysis: Thermal vs. microwave activation. <i>Applied Catalysis A: General</i> , 1995, 131, 159-166. | 4.3 | 20 |
| 164 | Diels-Alder reactions in $\hat{\text{I}}^2$ -cyclodextrin cavities. A molecular modelling study. <i>Tetrahedron Letters</i> , 1995, 36, 2129-2132. | 1.4 | 19 |
| 165 | Hydrotalcite-promoted epoxidation of electron-deficient alkenes with hydrogen peroxide. <i>Tetrahedron Letters</i> , 1995, 36, 4125-4128. | 1.4 | 102 |
| 166 | Solvent effects on Diels-Alder reactions. A semi-empirical study. <i>Computational and Theoretical Chemistry</i> , 1995, 331, 37-50. | 1.5 | 27 |
| 167 | Hydrotalcite-Catalyzed Alkylation of 2,4-Pentanedione. <i>Synthetic Communications</i> , 1995, 25, 1745-1750. | 2.1 | 26 |
| 168 | Importance of electronic and nuclear polarization energy on diastereofacial selectivity of Diels-Alder reactions in aqueous solution. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, . | 2.0 | 18 |
| 169 | A new titanium-silica catalyst for the epoxidation of non-functionalized alkenes and allylic alcohols. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 539-540. | 2.0 | 48 |
| 170 | Study of the asymmetric diels-alder reaction of a chiral azlactone. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 759-766. | 1.8 | 17 |
| 171 | Heterogeneous catalysis of asymmetric Diels-Alder reactions. <i>Journal of Molecular Catalysis</i> , 1994, 89, 159-164. | 1.2 | 6 |
| 172 | Solvent effects on endo/exo- and regio-selectivities of Diels-Alder reactions of carbonyl-containing dienophiles. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1994, , 847-851. | 0.9 | 40 |
| 173 | On the role of hexafluoroisopropanol in Diels-Alder reactions of acid-sensitive reagents. <i>Canadian Journal of Chemistry</i> , 1994, 72, 308-311. | 1.1 | 27 |
| 174 | X-Ray absorption spectroscopy investigation on the structure of methyl acrylate-TiCl ₄ complexes in solution. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2165-2166. | 2.0 | 7 |
| 175 | Identification of Diels-Alder regioisomers by mass spectrometry coupled with theoretical calculations. <i>Organic Mass Spectrometry</i> , 1993, 28, 752-758. | 1.3 | 1 |
| 176 | ¹³ C NMR of pyrazoles. <i>Magnetic Resonance in Chemistry</i> , 1993, 31, 107-168. | 1.9 | 123 |
| 177 | Relationship between solvent effects and catalyst activation method in a clay-catalysed Diels-Alder reaction. <i>Journal of Molecular Catalysis</i> , 1993, 79, 305-310. | 1.2 | 10 |
| 178 | Comparison of the catalytic properties of protonic zeolites and exchanged clays for Diels-Alder synthesis. <i>Applied Catalysis A: General</i> , 1993, 101, 253-267. | 4.3 | 50 |
| 179 | Silica and alumina modified by Lewis acids as catalysts in Diels-Alder reactions of carbonyl-containing dienophiles. <i>Tetrahedron</i> , 1993, 49, 4073-4084. | 1.9 | 46 |
| 180 | Silica and alumina modified by Lewis acids as catalysts in Diels-Alder reactions of chiral acrylates. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 621-624. | 1.8 | 33 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 181 | Fluorinated alcohols as solvents for diels-alder reactions of chiral acrylates. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 1613-1618. | 1.8 | 24 |
| 182 | ALPO4-Catalysed asymmetric Diels-Alder reactions of cyclopentadiene with chiral acrylates. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 2507-2512. | 1.8 | 25 |
| 183 | Clay-catalysed asymmetric Diels-Alder reaction of cyclopentadiene with chiral acrylates. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 223-228. | 1.8 | 20 |
| 184 | Solvent effects on the mechanism and selectivities of asymmetric Diels-Alder reactions. <i>Journal of the American Chemical Society</i> , 1993, 115, 8780-8787. | 13.7 | 142 |
| 185 | Experimental and theoretical study of the influence of the solvent on asymmetric diels-alder reactions. <i>Journal of Physical Organic Chemistry</i> , 1992, 5, 230-238. | 1.9 | 68 |
| 186 | Effect of clay calcination on clay-catalysed Diels-Alder reactions of cyclopentadiene with methyl and (α)-menthyl acrylates. <i>Tetrahedron</i> , 1992, 48, 6467-6476. | 1.9 | 32 |
| 187 | Conformational aspects of some asymmetric Diels-Alder reactions. A molecular mechanics + polarization study. <i>Tetrahedron</i> , 1992, 48, 5209-5218. | 1.9 | 31 |
| 188 | Factors influencing the k10 montmorillonite-catalyzed diels-alder reaction between methyl acrylate and cyclopentadiene. <i>Journal of Catalysis</i> , 1992, 137, 394-407. | 6.2 | 62 |
| 189 | A Theoretical (AM1) and Experimental Dipole Moment Study of 5(4H)-oxazolones. <i>Bulletin Des Sociétés Chimiques Belges</i> , 1992, 101, 945-951. | 0.0 | 1 |
| 190 | A study on the role of solvent in clay-catalysed Diels-Alder reactions. <i>Journal of Molecular Catalysis</i> , 1991, 68, L31-L34. | 1.2 | 13 |
| 191 | Mass spectrometry in stereochemical problems. 6 The case of mono and di-substituted norbornanes. <i>Organic Mass Spectrometry</i> , 1991, 26, 977-984. | 1.3 | 11 |
| 192 | Clay-catalysed asymmetric diels-alder reaction of cyclopentadiene with (α)-menthyl acrylate. <i>Tetrahedron: Asymmetry</i> , 1991, 2, 953-956. | 1.8 | 25 |
| 193 | Development of a model to explain the influence of the solvent on the rate and selectivity of diels-alder reactions. <i>Journal of Physical Organic Chemistry</i> , 1991, 4, 48-52. | 1.9 | 55 |
| 194 | Electron impact mass spectrometry and collisional spectroscopy in the structural characterization of 4-benzylidene and 4-phenylethylidene-2-phenyl-5(4H)-oxazolones. <i>Journal of Heterocyclic Chemistry</i> , 1990, 27, 1495-1499. | 2.6 | 16 |
| 195 | Acidity in water (pKa values) of carboxylic acids derived from simple heterocycles (azoles and azines). <i>Collection of Czechoslovak Chemical Communications</i> , 1990, 55, 72-79. | 1.0 | 16 |
| 196 | Electronic effects of heterocyclic substituents. Spectroscopical and theoretical (AM1) study in a series of heterocyclic carboxaldehydes. <i>Canadian Journal of Chemistry</i> , 1990, 68, 1477-1481. | 1.1 | 22 |
| 197 | Description of Heterocyclic Substituents: A Free-Wilson Type Approach Using D-Optimal Designs. <i>QSAR and Combinatorial Science</i> , 1987, 6, 173-178. | 1.2 | 15 |
| 198 | A FACILE AND EFFICIENT SYNTHESIS OF PYRROLE-3-CARBOXYLIC ACID FROM PYRROLE. <i>Organic Preparations and Procedures International</i> , 1986, 18, 283-285. | 1.3 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|----|-----------|
| 199 | Non-covalent Immobilization of Catalysts Based on Chiral Diazaligands. , 0, , 149-190. | | 4 |