

JosÃ© I GarcÃ­a

List of Publications by Year in descending order

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47006

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docs citations

229
times ranked

5495
citing authors

#	ARTICLE	IF	CITATIONS
1	Noncovalent Immobilization of Enantioselective Catalysts. <i>Chemical Reviews</i> , 2009, 109, 360-417.	47.7	303
2	Glycerol based solvents: synthesis, properties and applications. <i>Green Chemistry</i> , 2014, 16, 1007-1033.	9.0	229
3	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
4	Do Secondary Orbital Interactions Really Exist?. <i>Accounts of Chemical Research</i> , 2000, 33, 658-664.	15.6	153
5	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
6	Enantioselective catalysis with chiral complexes immobilized on nanostructured supports. <i>Chemical Society Reviews</i> , 2009, 38, 695-706.	38.1	134
7	Green solvents from glycerol. Synthesis and physico-chemical properties of alkyl glycerol ethers. <i>Green Chemistry</i> , 2010, 12, 426.	9.0	131
8	¹³ C NMR of pyrazoles. <i>Magnetic Resonance in Chemistry</i> , 1993, 31, 107-168.	1.9	123
9	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
10	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
11	Polymer-Supported Bis(oxazoline)-Copper Complexes as Catalysts in Cyclopropanation Reactions. <i>Organic Letters</i> , 2000, 2, 3905-3908.	4.6	109
12	Hydrotalcite-promoted epoxidation of electron-deficient alkenes with hydrogen peroxide. <i>Tetrahedron Letters</i> , 1995, 36, 4125-4128.	1.4	102
13	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
14	Simple and Efficient Heterogeneous Copper Catalysts for Enantioselective C-H Carbene Insertion. <i>Organic Letters</i> , 2007, 9, 731-733.	4.6	99
15	Applied Biotransformations in Green Solvents. <i>Chemistry - A European Journal</i> , 2010, 16, 9422-9437.	3.3	99
16	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
17	Recent advances in the immobilization of chiral catalysts containing bis(oxazolines) and related ligands. <i>Coordination Chemistry Reviews</i> , 2008, 252, 624-646.	18.8	96
18	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

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19	Modelling of solvent effects on the Diels-Alder reaction. <i>Chemical Society Reviews</i> , 1996, 25, 209-218.	38.1	94
20	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
21	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
22	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
23	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
24	Enantioselective cyclopropanation reactions in ionic liquids. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1891-1894.	1.8	75
25	A new titanium-silica catalyst for the epoxidation of alkenes. <i>Journal of Molecular Catalysis A</i> , 1996, 112, 259-267.	4.8	74
26	Catalytic sites in silica-supported titanium catalysts: silsesquioxane complexes as models. <i>Journal of Catalysis</i> , 2005, 233, 90-99.	6.2	74
27	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
28	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
29	The First Immobilization of Pyridine-bis(oxazoline) Chiral Ligands. <i>Organic Letters</i> , 2002, 4, 3927-3930.	4.6	67
30	Factors influencing the k_{10} montmorillonite-catalyzed diels-alder reaction between methyl acrylate and cyclopentadiene. <i>Journal of Catalysis</i> , 1992, 137, 394-407.	6.2	62
31	Clay-supported bis(oxazoline)-copper complexes as heterogeneous catalysts of enantioselective cyclopropanation reactions. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 3997-4008.	1.8	62
32	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
33	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
34	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
35	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
36	Surface-mediated improvement of enantioselectivity with clay-immobilized copper catalysts. <i>Journal of Molecular Catalysis A</i> , 2003, 196, 101-108.	4.8	54

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37	Glycerol-based solvents as green reaction media in epoxidations with hydrogen peroxide catalysed by bis[3,5-bis(trifluoromethyl)-diphenyl] diselenide. <i>Green Chemistry</i> , 2009, 11, 1605.	9.0	54
38	Influence of Polarity and Activation Energy in Microwave-Assisted Organic Synthesis (MAOS). <i>ChemistryOpen</i> , 2015, 4, 308-317.	1.9	54
39	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
40	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
41	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
42	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
43	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
44	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
45	Asymmetric cyclopropanation catalysed by cationic bis(oxazoline)-CuII complexes exchanged into clays. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2089-2092.	1.8	49
46	Bis(oxazoline)-copper complexes supported by electrostatic interactions: scope and limitations. <i>Journal of Catalysis</i> , 2004, 221, 532-540.	6.2	49
47	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
48	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
49	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
50	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
51	Comparison of several heterogeneous catalysts in the epoxidation of \pm -isophorone with hydroperoxides. <i>Tetrahedron Letters</i> , 1996, 37, 5995-5996.	1.4	45
52	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
53	Title is missing!. <i>Green Chemistry</i> , 2001, 3, 271-274.	9.0	44
54	Surface confinement effects in enantioselective catalysis: Design of new heterogeneous chiral catalysts based on C ₁ -symmetric bisoxazolines and their application in cyclopropanation reactions. <i>Journal of Catalysis</i> , 2008, 258, 378-385.	6.2	44

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55	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
56	Polymer immobilization of bis(oxazoline) ligands using dendrimers as cross-linkers. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 773-778.	1.8	43
57	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
58	Molecular modelling study of β -cyclodextrin inclusion complexes. <i>Chemical Physics Letters</i> , 1997, 271, 178-184.	2.6	42
59	Linking Homogeneous and Heterogeneous Enantioselective Catalysis through a Self-Assembled Coordination Polymer. <i>Organic Letters</i> , 2008, 10, 4995-4998.	4.6	42
60	Synthetic Transformations for the Valorization of Fatty Acid Derivatives. <i>Synthesis</i> , 2017, 49, 1444-1460.	2.3	42
61	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
62	Study of the recycling possibilities for azabis(oxazoline)-cobalt complexes as catalysts for enantioselective conjugate reduction. <i>Green Chemistry</i> , 2010, 12, 435.	9.0	40
63	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
64	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
65	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
66	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
67	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
68	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
69	Title is missing!. <i>Topics in Catalysis</i> , 2000, 13, 303-309.	2.8	36
70	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
71	Ecotoxicity and QSAR studies of glycerol ethers in <i>Daphnia magna</i> . <i>Chemosphere</i> , 2017, 183, 277-285.	8.2	36
72	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

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73	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
74	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
75	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
76	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
77	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
78	Pd nanoparticles immobilized in [bmim][PF ₆] 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
79	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
80	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
81	Effect of clay calcination on clay-catalysed Diels-Alder reactions of cyclopentadiene with methyl and (<i>rac</i>)-menthyl acrylates. <i>Tetrahedron</i> , 1992, 48, 6467-6476.	1.9	32
82	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
83	Conformational aspects of some asymmetric Diels-Alder reactions. A molecular mechanics + polarization study. <i>Tetrahedron</i> , 1992, 48, 5209-5218.	1.9	31
84	The use of heterogeneous catalysis in Diels-Alder reactions of N-acetyl- β -dehydroalaninates. <i>Tetrahedron</i> , 1995, 51, 1295-1300.	1.9	31
85	Beyond reuse in chiral immobilized catalysis: The bis(oxazoline) case. <i>Catalysis Today</i> , 2009, 140, 44-50.	4.4	31
86	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
87	An Efficient and Straightforward Access to Sulfur Substituted [2.2]Paracyclophanes: Application to Stereoselective Sulfenate Salt Alkylation. <i>Organic Letters</i> , 2008, 10, 1271-1274.	4.6	29
88	Preparation of β -hydroxyphosphonates over phosphate catalysts. <i>Catalysis Communications</i> , 2008, 9, 2503-2508.	3.3	29
89	Role of Substituents in the Solid Acid-Catalyzed Cleavage of the β -O-4 Linkage in Lignin Models. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 1837-1847.	6.7	29
90	Mechanistic insights on the site selectivity in successive 1,3-dipolar cycloadditions to meso-tetraarylporphyrins. <i>Tetrahedron</i> , 2008, 64, 7937-7943.	1.9	28

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91	Surface Confinement Effects on Enantioselective Cyclopropanation. Reactions with Supported Chiral 8-Oxazolinyloquinoline-Copper Complexes. <i>Organometallics</i> , 2008, 27, 2246-2251.	2.3	28
92	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
93	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
94	Solvent effects on Diels-Alder reactions. A semi-empirical study. <i>Computational and Theoretical Chemistry</i> , 1995, 331, 37-50.	1.5	27
95	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
96	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
97	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
98	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
99	Glycerol-Derived Solvents: Synthesis and Properties of Symmetric Glyceryl Diethers. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13004-13014.	6.7	27
100	Hydrotalcite-Catalyzed Alkylation of 2,4-Pentanedione. <i>Synthetic Communications</i> , 1995, 25, 1745-1750.	2.1	26
101	Clay-catalysed asymmetric diels-alder reaction of cyclopentadiene with (â)-menthyl acrylate. <i>Tetrahedron: Asymmetry</i> , 1991, 2, 953-956.	1.8	25
102	ALPO ₄ -Catalysed asymmetric Diels-Alder reactions of cyclopentadiene with chiral acrylates. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 2507-2512.	1.8	25
103	Reversible microencapsulation of pybox-Ru chiral catalysts: scope and limitations. <i>Tetrahedron</i> , 2005, 61, 12107-12110.	1.9	25
104	Solvents derived from glycerol modify classical regioselectivity in the enzymatic synthesis of disaccharides with Biolacta Î ² -galactosidase. <i>Green Chemistry</i> , 2011, 13, 2810.	9.0	25
105	Fluorinated alcohols as solvents for diels-alder reactions of chiral acrylates. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 1613-1618.	1.8	24
106	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
107	1,3-Dipolar cycloaddition of diazomethane to chiral azlactones. Experimental and theoretical studies. <i>Tetrahedron</i> , 1997, 53, 4479-4486.	1.9	24
108	Quantitative structure-property relationships prediction of some physico-chemical properties of glycerol based solvents. <i>Green Chemistry</i> , 2013, 15, 2283.	9.0	24

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109	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
110	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
111	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
112	Epoxidation of chiral electron-deficient alkenes with basic heterogeneous catalysts. <i>Applied Catalysis A: General</i> , 2001, 207, 239-246.	4.3	22
113	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
114	Improved synthesis of disaccharides with <i>Escherichia coli</i> β -galactosidase using bio-solvents derived from glycerol. <i>Tetrahedron</i> , 2011, 67, 7708-7712.	1.9	22
115	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
116	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
117	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
118	Empirical treatment of solvent-solute interactions: medium effects on the electronic absorption spectrum of β -carotene. <i>Journal of Physical Organic Chemistry</i> , 1998, 11, 193-200.	1.9	21
119	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
120	Clay-catalysed asymmetric Diels-Alder reaction of cyclopentadiene with chiral acrylates. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 223-228.	1.8	20
121	A model for the interaction between β -cyclodextrin and some acrylic esters. <i>Chemical Physics Letters</i> , 1995, 245, 335-342.	2.6	20
122	Diels-Alder reactions of β -amino acid precursors by heterogeneous catalysis: Thermal vs. microwave activation. <i>Applied Catalysis A: General</i> , 1995, 131, 159-166.	4.3	20
123	On the conformational preferences of β , β -unsaturated carbonyl compounds. An ab initio study. <i>Computational and Theoretical Chemistry</i> , 1996, 362, 187-197.	1.5	20
124	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
125	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
126	Clay-catalyzed Friedel-Crafts alkylation of anisole with dienes. <i>Applied Catalysis A: General</i> , 1995, 123, 273-287.	4.3	19

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127	Diels-Alder reactions in β -cyclodextrin cavities. A molecular modelling study. <i>Tetrahedron Letters</i> , 1995, 36, 2129-2132.	1.4	19
128	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
129	Computational Mechanistic Studies on Enantioselective pybox ⁺ Ruthenium-Catalyzed Cyclopropanation Reactions. <i>Organometallics</i> , 2005, 24, 3448-3457.	2.3	19
130	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
131	The issue of π -molecular radiators TM in microwave-assisted reactions. Computational calculations on ring closing metathesis (RCM). <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2436-2445.	2.8	19
132	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
133	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
134	Understanding the Unusual Regioselectivity in the Nucleophilic Ring-Opening Reactions of gem-Disubstituted Cyclic Sulfates. Experimental and Theoretical Studies. <i>Journal of Organic Chemistry</i> , 2003, 68, 4506-4513.	3.2	18
135	Study of the asymmetric diels-alder reaction of a chiral azlactone. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 759-766.	1.8	17
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137	Comparison of hydrophilic and hydrophobic silicas as supports for titanium catalysts. <i>Applied Catalysis A: General</i> , 2004, 276, 113-122.	4.3	17
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