JosÃ© M Fraile

List of Publications by Year
in descending order

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182 papers	6,490 citations	53939 47 h-index	107981 68 g-index
213 all docs	213 docs citations	213 times ranked	5792 citing authors

#	Article	IF	Citations
1	New insights into the interaction of triethylphosphine oxide with silica surface: exchange between different surface species. Physical Chemistry Chemical Physics, 2022, 24, 16755-16761.	1.3	1
2	Carbon materials functionalized with sulfonic groups as acid catalysts. , 2021, , 255-298.		4
3	Monitoring New Long-Lasting Intravitreal Formulation for Glaucoma with Vitreous Images Using Optical Coherence Tomography. Pharmaceutics, 2021, 13, 217.	2.0	6
4	Synthesis of hydroxyfatty esters by sequential epoxidation-hydrogenolysis: Solvent effects. Applied Catalysis A: General, 2021, 623, 118270.	2.2	4
5	Functionalization of Porous Cellulose with Glyoxyl Groups as a Carrier for Enzyme Immobilization and Stabilization. Biomacromolecules, 2021, 22, 927-937.	2.6	16
6	Study of interactions between BrÃ¸nsted acids and triethylphosphine oxide in solution by ³¹P NMR: evidence for 2â€‰:â€‰1 species. Physical Chemistry Chemical Physics, 2020, 22, 24351-24358.	1.3	13
7	Brimonidine-LAPONITEÂ® intravitreal formulation has an ocular hypotensive and neuroprotective effect throughout 6 months of follow-up in a glaucoma animal model. Biomaterials Science, 2020, 8, 6246-6260.	2.6	13
8	Synthesis of fatty ketoesters by tandem epoxidationâ€“rearrangement with heterogeneous catalysis. Catalysis Science and Technology, 2020, 10, 1789-1795.	2.1	12
9	Comparison of Chemical and Enzymatic Methods for the Transesterification of Waste Fish Oil Fatty Ethyl Esters with Different Alcohols. ACS Omega, 2020, 5, 1479-1487.	1.6	23
10	The importance of copper placement in chiral catalysts supported on heteropolyanions: Lacunary vs external exchanged. Molecular Catalysis, 2020, 489, 110935.	1.0	1
11	Dexamethasone delivery to the ocular posterior segment by sustained-release Laponite formulation. Biomedical Materials (Bristol), 2020, 15, 065021.	1.7	9
12	Sulfonated Hydrothermal Carbons from Cellulose and Glucose as Catalysts for Glycerol Ketalization. Catalysts, 2019, 9, 804.	1.6	15
13	Safety study of intravitreal and suprachoroidal Laponite clay in rabbit eyes. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 535-546.	1.0	10
14	Role of Substituents in the Solid Acid-Catalyzed Cleavage of the Î²-O-4 Linkage in Lignin Models. ACS Sustainable Chemistry and Engineering, 2018, 6, 1837-1847.	3.2	29
15	Enantioselective epoxidation of styrene with TBHP catalyzed by bis(oxazoline)â€“vanadylâ€“laponite materials. Catalysis Communications, 2018, 117, 90-93.	1.6	5
16	Bio-lubricants production from fish oil residue by transesterification with trimethylolpropane. Journal of Cleaner Production, 2018, 202, 81-87.	4.6	32
17	Synthesis of Isosorbide Esters from Sorbitol with Heterogeneous Catalysts. ChemistrySelect, 2017, 2, 1013-1018.	0.7	19
18	Synthetic Transformations for the Valorization of Fatty Acid Derivatives. Synthesis, 2017, 49, 1444-1460.	1.2	42

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19	Fatty acid based biocarbonates: Al-mediated stereoselective preparation of mono-, di- and tricarbonates under mild and solvent-less conditions. Green Chemistry, 2017, 19, 3535-3541.	4.6	52
20	Comparison of Taâ€“MCM-41 and Tiâ€“MCM-41 as catalysts for the enantioselective epoxidation of styrene with TBHP. Comptes Rendus Chimie, 2017, 20, 827-832.	0.2	13
21	Challenging cyclopropanation reactions on non-activated double bonds of fatty esters. RSC Advances, 2017, 7, 19417-19424.	1.7	3
22	Parametric study of the hydrothermal carbonization of cellulose and effect of acidic conditions. Carbon, 2017, 123, 421-432.	5.4	88
23	Determination of Three Corticosteroids in the Biologic Matrix of Vitreous Humor by HPLC-tandem Mass Spectrometry: Method Development and Validation. Current Eye Research, 2017, 42, 244-251.	0.7	4
24	Application of Heterogeneous Catalysts in the First Steps of the Oseltamivir Synthesis. Catalysts, 2017, 7, 393.	1.6	4
25	Modified Ti/MCM-41 catalysts for enantioselective epoxidation of styrene. Journal of Molecular Catalysis A, 2016, 420, 282-289.	4.8	48
26	Laponite as carrier for controlled in vitro delivery of dexamethasone in vitreous humor models. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 108, 83-90.	2.0	38
27	Non-covalent immobilization of chiral copper complexes on Al-MCM41: Effect of the nature of the ligand. Catalysis Communications, 2016, 83, 74-77.	1.6	7
28	Vanadium-Schiff base complex covalently bonded on modified MCM-41 as catalyst for asymmetric oxidation of methyl phenyl sulfide. Journal of Porous Materials, 2016, 23, 507-516.	1.3	7
29	Heterogeneous titanium catalysts for oxidation of dibenzothiophene in hydrocarbon solutions with hydrogen peroxide: On the road to oxidative desulfurization. Applied Catalysis B: Environmental, 2016, 180, 680-686.	10.8	103
30	Multifunctional Catalysis Promoted by Solvent Effects: Ti-MCM41 for a One-Pot, Four-Step, Epoxidationâ€“Rearrangementâ€“Oxidationâ€“Decarboxylation Reaction Sequence on Stilbenes and Styrenes. ACS Catalysis, 2015, 5, 3552-3561.	5.5	36
31	Catalytic performance and deactivation of sulfonated hydrothermal carbon in the esterification of fatty acids: Comparison with sulfonic solids of different nature. Journal of Catalysis, 2015, 324, 107-118.	3.1	66
32	Improved methodology for non-covalent immobilization of tert-butyl-azabis(oxazoline)â€“copper complex on Al-MCM41. Applied Catalysis A: General, 2015, 502, 166-173.	2.2	6
33	Impact of sulfonated hydrothermal carbon texture and surface chemistry on its catalytic performance in esterification reaction. Catalysis Today, 2015, 249, 153-160.	2.2	38
34	Biobased catalyst in biorefinery processes: sulphonated hydrothermal carbon for glycerol esterification. Catalysis Science and Technology, 2015, 5, 2897-2903.	2.1	38
35	Catalytic activity of copper-bis(oxazoline) grafted on mesoporous silica in enantioselective cyclopropanation. Reaction Kinetics, Mechanisms and Catalysis, 2015, 116, 119-130.	0.8	4
36	Modified Ta/MCM-41 catalysts for enantioselective oxidation of thioanisole. Journal of Molecular Catalysis A, 2015, 410, 140-148.	4.8	15

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37	Preparation and characterization of activated montmorillonite clay supported 11-molybdo-vanado-phosphoric acid for cyclohexene oxidation. RSC Advances, 2015, 5, 6853-6863.	1.7	26
38	Electrostatic immobilization of bis(oxazoline)-copper complexes on mesoporous crystalline materials: Cation exchange vs. incipient wetness methods. Applied Catalysis A: General, 2014, 485, 67-73.	2.2	6
39	New insights into the strength and accessibility of acid sites of sulfonated hydrothermal carbon. Carbon, 2014, 77, 1157-1167.	5.4	55
40	Theoretical Study on the BF₃-Catalyzed Meinwald Rearrangement Reaction. Journal of Organic Chemistry, 2014, 79, 5993-5999.	1.7	40
41	Carbenoid insertions into benzylic Câ€“H bonds with heterogeneous copper catalysts. Tetrahedron, 2013, 69, 7360-7364.	1.0	9
42	Support Effect on Stereoselectivities of Vinylogous Mukaiyamaâ€“Michael Reactions Catalyzed by Immobilized Chiral Copper Complexes. ACS Catalysis, 2013, 3, 2710-2718.	5.5	30
43	CuO/SiO2 as a simple, effective and recoverable catalyst for alkylation of indole derivatives with diazo compounds. Organic and Biomolecular Chemistry, 2013, 11, 4327.	1.5	41
44	Integration of heterogeneous catalysts into complex synthetic routes: sequential vs. one-pot reactions in a (Knoevenagel + Mukaiyamaâ€“Michael + hydrogenation + transesterification) sequence. Catalysis Science and Technology, 2013, 3, 436-443.	2.1	12
45	Stereochemical Outcome of Copper-Catalyzed Câ€“H Insertion Reactions. An Experimental and Theoretical Study. Journal of Organic Chemistry, 2013, 78, 5851-5857.	1.7	17
46	V/MCM-41 as Catalyst for Asymmetric and Non-Asymmetric Oxidation of Methyl Phenyl Sulfide. Journal of Chemical Research, 2013, 37, 766-773.	0.6	5
47	The formation of a hydrothermal carbon coating on graphite microfiber felts for using as structured acid catalyst. Carbon, 2012, 50, 1363-1372.	5.4	47
48	Heterogeneous Catalysis for Tandem Mukaiyamaâ€“Michael and Hydrogenation Reactions: One-Pot vs Sequential Processes. ACS Catalysis, 2012, 2, 56-64.	5.5	16
49	Structure and Dynamics of 1-Butyl-3-methylimidazolium Hexafluorophosphate Phases on Silica and Laponite Clay: From Liquid to Solid Behavior. Langmuir, 2012, 28, 11364-11375.	1.6	28
50	Deactivation of sulfonated hydrothermal carbons in the presence of alcohols: Evidences for sulfonic esters formation. Journal of Catalysis, 2012, 289, 73-79.	3.1	85
51	Efficient enhancement of copper-pyridineoxazoline catalysts through immobilization and process design. Green Chemistry, 2011, 13, 983.	4.6	54
52	Enantioselective Câ€“H carbene insertions with homogeneous and immobilized copper complexes. Organic and Biomolecular Chemistry, 2011, 9, 6075.	1.5	36
53	Synthesis and reactivity of 5-methylenehydantoins. Tetrahedron, 2011, 67, 8639-8647.	1.0	20
54	Heterogeneous catalysts for carbene insertion reactions. Journal of Catalysis, 2011, 281, 273-278.	3.1	19

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55	Scope and limitations of one-pot multistep reactions with heterogeneous catalysts: The case of alkene epoxidation coupled to epoxide ring-opening. Catalysis Today, 2011, 173, 15-20.	2.2	9
56	CAFC9, 9th Congress on Catalysis Applied to Fine Chemicals (Zaragoza, Spain, September 13â€“16, 2010). Catalysis Today, 2011, 173, 1.	2.2	2
57	Tridentate chiral NPN ligands based on bis(oxazolines) and their use in Pd-catalyzed enantioselective allylic substitution in molecular and ionic liquids. Tetrahedron, 2011, 67, 5402-5408.	1.0	32
58	Reversible Insertion of Aldehydes and Ketones into Cï£¿H Bonds of Chiral Bis(oxazoline)/Iridium Complexes. Angewandte Chemie - International Edition, 2011, 50, 3240-3243.	7.2	11
59	Supported heteropolyanions as solid counterions for the electrostatic immobilization of chiral copper complexes. Journal of Catalysis, 2010, 275, 70-77.	3.1	23
60	Shift of Multiple Incompatible Equilibriums by a Combination of Heterogeneous Catalysis and Membranes. Chemistry - A European Journal, 2010, 16, 3296-3299.	1.7	17
61	Effect of support properties on the performance of silica-supported bis(oxazoline)â€“copper chiral complexes. Journal of Molecular Catalysis A, 2010, 329, 21-26.	4.8	12
62	The basicity of mixed oxides and the influence of alkaline metals: The case of transesterification reactions. Applied Catalysis A: General, 2010, 387, 67-74.	2.2	40
63	Synthesis of mesoporous silicas functionalized with trans (1R,2R)-diaminocyclohexane by sol-gel method. Studies in Surface Science and Catalysis, 2010, 175, 487-491.	1.5	0
64	Study of the recycling possibilities for azabis(oxazoline)â€“cobalt complexes as catalysts for enantioselective conjugate reduction. Green Chemistry, 2010, 12, 435.	4.6	40
65	Heterogenization on Inorganic Supports: Methods and Applications. Catalysis By Metal Complexes, 2010, , 65-121.	0.6	6
66	Synthesis of mesoporous silica with tailored porosity under wide-ranging conditions. Annales De Chimie: Science Des Materiaux, 2010, 35, 151-168.	0.2	1
67	Physicochemical characterization of vanadium-doped alumina-pillared montmorillonite catalyst: Epoxidation of trans-2-hexen-1-ol. Comptes Rendus Chimie, 2009, 12, 787-792.	0.2	3
68	Synthesis of diamine functionalized mesoporous organosilicas with large pores. Journal of Sol-Gel Science and Technology, 2009, 52, 388-397.	1.1	7
69	Beyond reuse in chiral immobilized catalysis: The bis(oxazoline) case. Catalysis Today, 2009, 140, 44-50.	2.2	31
70	The influence of alkaline metals on the strong basicity of Mgâ€“Al mixed oxides: The case of transesterification reactions. Applied Catalysis A: General, 2009, 364, 87-94.	2.2	80
71	Glycerol upgrading by ketalization in a zeolite membrane reactor. Asia-Pacific Journal of Chemical Engineering, 2009, 4, 279-284.	0.8	47
72	Noncovalent Immobilization of Enantioselective Catalysts. Chemical Reviews, 2009, 109, 360-417.	23.0	303

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73	The use of H2O2 over titanium-grafted mesoporous silica catalysts: a step further towards sustainable epoxidation. Green Chemistry, 2009, 11, 1421.	4.6	89
74	Enantioselective catalysis with chiral complexes immobilized on nanostructured supports. Chemical Society Reviews, 2009, 38, 695-706.	18.7	134
75	Recent advances in the immobilization of chiral catalysts containing bis(oxazolines) and related ligands. Coordination Chemistry Reviews, 2008, 252, 624-646.	9.5	96
76	Preparation of Î±-hydroxyphosphonates over phosphate catalysts. Catalysis Communications, 2008, 9, 2503-2508.	1.6	29
77	Surface Confinement Effects on Enantioselective Cyclopropanation. Reactions with Supported Chiral 8-Oxazolinylquinolineâ”Copper Complexes. Organometallics, 2008, 27, 2246-2251.	1.1	28
78	Surface-enhanced stereoselectivity in Mukaiyama aldol reactions catalyzed by clay-supported bis(oxazoline)â€“copper complexes. Chemical Communications, 2008, , 5402.	2.2	31
79	TiIV Exchanged K10-Montmorillonite: Characterisation and Catalytic Properties in Liquid-Phase Sulfide Oxidation. Journal of Chemical Research, 2008, 2008, 604-608.	0.6	4
80	Simple and Efficient Heterogeneous Copper Catalysts for Enantioselective Câ”H Carbene Insertion. Organic Letters, 2007, 9, 731-733.	2.4	99
81	Supported Ionic-Liquid Films (SILF) as Two-Dimensional Nanoreactors for Enantioselective Reactions: Surface-Mediated Selectivity Modulation (SMSM). Chemistry - A European Journal, 2007, 13, 287-291.	1.7	77
82	C₁â€Symmetric Versus C₂â€Symmetric Ligands in Enantioselective Copperâ€“Bis(oxazoline)â€Catalyzed Cyclopropanation Reactions. Chemistry - A European Journal, 2007, 13, 8830-8839.	1.7	50
83	Comparison of immobilized Box and azaBoxâ€“Cu(II) complexes as catalysts for enantioselective Mukaiyama aldol reactions. Journal of Catalysis, 2007, 252, 303-311.	3.1	20
84	Vanadium sites in V-K10: Characterization and catalytic properties in liquid-phase sulfide oxidation. Journal of Molecular Catalysis A, 2006, 255, 92-96.	4.8	20
85	Catalytic oxidation of thioanisole Phâ€“Sâ€“CH3 over VOx/SiO2 and VOx/Al2O3 catalysts prepared by solâ€“gel method. Journal of Molecular Catalysis A, 2006, 255, 62-68.	4.8	22
86	The First Synthesis of Organicâ€”Inorganic Hybrid Materials with Chiral Bis(oxazoline) Ligands.. ChemInform, 2006, 37, no.	0.1	0
87	Synthesis of Polymer Bound Azabis(oxazoline) Ligands and their Application in Asymmetric Cyclopropanations. Advanced Synthesis and Catalysis, 2006, 348, 125-132.	2.1	59
88	Multipurpose box- and azabox-Based Immobilized Chiral Catalysts. Advanced Synthesis and Catalysis, 2006, 348, 1680-1688.	2.1	33
89	Reversible microencapsulation of pyboxâ€“Ru chiral catalysts: scope and limitations. Tetrahedron, 2005, 61, 12107-12110.	1.0	25
90	Catalytic sites in silica-supported titanium catalysts: silsesquioxane complexes as models. Journal of Catalysis, 2005, 233, 90-99.	3.1	74

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91	Asymmetric versusC2-Symmetric Ligands: Origin of the Enantioselectivity in Ruthenium-Pybox-Catalyzed Cyclopropanation Reactions. Angewandte Chemie - International Edition, 2005, 44, 458-461.	7.2	27
92	Asymmetric versusC2-Symmetric Ligands: Origin of the Enantioselectivity in Ruthenium-Pybox-Catalyzed Cyclopropanation Reactions. Angewandte Chemie, 2005, 117, 462-465.	1.6	9
93	Polystyrene-Supported (R)-2-Piperazino-1,1,2-triphenylethanol: A Readily Available Supported Ligand with Unparalleled Catalytic Activity and Enantioselectivity.. ChemInform, 2005, 36, no.	0.1	0
94	A Flexible and Versatile Strategy for the Covalent Immobilization of Chiral Catalysts Based on Pyridinebis(oxazoline) Ligands.. ChemInform, 2005, 36, no.	0.1	0
95	An Efficient and General One-Pot Method for the Synthesis of Chiral Bis(oxazoline) and Pyridine Bis(oxazoline) Ligands. Synlett, 2005, 2005, 2321-2324.	1.0	9
96	The first synthesis of organicâ€“inorganic hybrid materials with chiral bis(oxazoline) ligands. Chemical Communications, 2005, , 4669.	2.2	17
97	Computational Mechanistic Studies on Enantioselective pyboxâ^'Ruthenium-Catalyzed Cyclopropanation Reactions. Organometallics, 2005, 24, 3448-3457.	1.1	19
98	Polystyrene-Supported (R)-2-Piperazino-1,1,2-triphenylethanol:Â A Readily Available Supported Ligand with Unparalleled Catalytic Activity and Enantioselectivity. Journal of Organic Chemistry, 2005, 70, 433-438.	1.7	36
99	Polymer-Supported Bis(oxazolines) and Related Systems:Â Toward New Heterogeneous Enantioselective Catalysts. Industrial & Engineering Chemistry Research, 2005, 44, 8580-8587.	1.8	33
100	A Flexible and Versatile Strategy for the Covalent Immobilization of Chiral Catalysts Based on Pyridinebis(oxazoline) Ligands. Journal of Organic Chemistry, 2005, 70, 5536-5544.	1.7	49
101	Bis(oxazoline)â€“copper complexes supported by electrostatic interactions: scope and limitations. Journal of Catalysis, 2004, 221, 532-540.	3.1	49
102	The use of Lewis acids in the synthesis of 5-arylhydantoins. Journal of Catalysis, 2004, 226, 192-196.	3.1	8
103	Comparison of hydrophilic and hydrophobic silicas as supports for titanium catalysts. Applied Catalysis A: General, 2004, 276, 113-122.	2.2	17
104	Theoretical Insights into the Role of a Counterion in Copper-Catalyzed Enantioselective Cyclopropanation Reactions. Chemistry - A European Journal, 2004, 10, 758-765.	1.7	60
105	The Role of Binding Constants in the Efficiency of Chiral Catalysts Immobilized by Electrostatic Interactions: The Case of Azabis(oxazoline)â€“Copper Complexes. Chemistry - A European Journal, 2004, 10, 2997-3005.	1.7	71
106	The importance of complex stability for asymmetric copper-catalyzed cyclopropanations in [emim][OTf] ionic liquid: the bis(oxazoline)â€“azabis(oxazoline) case. Tetrahedron Letters, 2004, 45, 6765-6768.	0.7	50
107	Immobilized pybox systems as recoverable chiral catalysts. Comptes Rendus Chimie, 2004, 7, 161-167.	0.2	8
108	The replacement of mineral acids by sulfonic resins in the synthesis of rac-5-(4-hydroxyphenyl)hydantoin from p-hydroxymandelic acid and urea. Applied Catalysis A: General, 2004, 274, 9-14.	2.2	7

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109	Comparison of the immobilization of chiral bis(oxazoline)â€“copper complexes onto anionic solids and in ionic liquids. Green Chemistry, 2004, 6, 93-98.	4.6	52
110	Bis(oxazoline)-copper complexes, immobilized by electrostatic interactions, as catalysts for enantioselective aziridination. Arkivoc, 2004, 2004, 67-73.	0.3	0
111	Title is missing!. Catalysis Letters, 2003, 88, 31-32.	1.4	2
112	Application of natural phosphate modified with sodium nitrate in the synthesis of chalcones: a soft and clean method. Journal of Catalysis, 2003, 213, 1-6.	3.1	56
113	Polymer immobilization of bis(oxazoline) ligands using dendrimers as cross-linkers. Tetrahedron: Asymmetry, 2003, 14, 773-778.	1.8	43
114	Surface-mediated improvement of enantioselectivity with clay-immobilized copper catalysts. Journal of Molecular Catalysis A, 2003, 196, 101-108.	4.8	54
115	Optimization of cyclohexene epoxidation with dilute hydrogen peroxide and silica-supported titanium catalysts. Applied Catalysis A: General, 2003, 245, 363-376.	2.2	88
116	Heterogeneous catalysis in the synthesis and reactivity of allantoin. Green Chemistry, 2003, 5, 275-277.	4.6	12
117	New Silica-Immobilized Chiral Amino Alcohol for the Enantioselective Addition of Diethylzinc to Benzaldehyde. Organic Letters, 2003, 5, 4333-4335.	2.4	35
118	Experimental and Theoretical Studies on Structureâ^'Reactivity Relationships of Titanium-Modified Silicas in the Hydrogen Peroxide-Promoted Oxidation of Cyclohexene. Journal of Physical Chemistry B, 2003, 107, 519-526.	1.2	22
119	The First Immobilization of Pyridine-bis(oxazoline) Chiral Ligands. Organic Letters, 2002, 4, 3927-3930.	2.4	67
120	Immobilisation of bis(oxazoline)â€“copper complexes on clays and nanocomposites. Influence of different parameters on activity and selectivity. Journal of Materials Chemistry, 2002, 12, 3290-3295.	6.7	55
121	Improvement of ligand economy controlled by polymer morphology: The case of polymer-Supported bis(oxazoline) catalysts. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 1821-1824.	1.0	27
122	The use of solid acids to promote the one-pot synthesis of dl-5-(4-hydroxyphenyl)hydantoin. Applied Catalysis A: General, 2002, 224, 153-159.	2.2	10
123	Bis(oxazoline)copper Complexes Covalently Bonded to Insoluble Support as Catalysts in Cyclopropanation Reactions. Journal of Organic Chemistry, 2001, 66, 8893-8901.	1.7	123
124	Theoretical (DFT) Insights into the Mechanism of Copper-Catalyzed Cyclopropanation Reactions. Implications for Enantioselective Catalysis. Journal of the American Chemical Society, 2001, 123, 7616-7625.	6.6	176
125	Is MCM-41 really advantageous over amorphous silica? The case of grafted titanium epoxidation catalysts. Chemical Communications, 2001, , 1510-1511.	2.2	44
126	Title is missing!. Green Chemistry, 2001, 3, 271-274.	4.6	44

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127	Calcined sodium nitrate/natural phosphate: an extremely active catalyst for the easy synthesis of chalcones in heterogeneous media. Tetrahedron Letters, 2001, 42, 7953-7955.	0.7	76
128	Enantioselective cyclopropanation reactions in ionic liquids. Tetrahedron: Asymmetry, 2001, 12, 1891-1894.	1.8	75
129	Bis(oxazoline)-metal complexes immobilised by electrostatic interactions as heterogeneous catalysts for enantioselective Dielsâ€“Alder reactions. Journal of Molecular Catalysis A, 2001, 165, 211-218.	4.8	43
130	Epoxidation of chiral electron-deficient alkenes with basic heterogeneous catalysts. Applied Catalysis A: General, 2001, 207, 239-246.	2.2	22
131	Tandem Dielsâ^'Alder Aromatization Reactions of Furans under Unconventional Reaction Conditions â^' Experimental and Theoretical Studies. European Journal of Organic Chemistry, 2001, 2001, 2891.	1.2	32
132	Effect of the Reaction Conditions on the Epoxidation of Alkenes with Hydrogen Peroxide Catalyzed by Silica-Supported Titanium Derivatives. Journal of Catalysis, 2001, 204, 146-156.	3.1	50
133	Synergy between Heterogeneous Catalysis and Microwave Irradiation in an Efficient One-Pot Synthesis of Benzene Derivatives via Ring-Opening of Diels-Alder Cycloadducts of Substituted Furans. Synlett, 2001, 2001, 0753-0756.	1.0	18
134	How Important is the Inert Matrix of Supported Enantiomeric Catalysts? Reversal of Topicity with Two Polystyrene Backbones. Angewandte Chemie - International Edition, 2000, 39, 1503-1506.	7.2	98
135	Basic solids in the oxidation of organic compounds. Catalysis Today, 2000, 57, 3-16.	2.2	58
136	Title is missing!. Topics in Catalysis, 2000, 13, 303-309.	1.3	36
137	Silica-Supported Titanium Derivatives as Catalysts for the Epoxidation of Alkenes with Hydrogen Peroxide: A New Way to Tuneable Catalytic Activity through Ligand Exchange. Journal of Catalysis, 2000, 189, 40-51.	3.1	95
138	Immobilizing a single pybox ligand onto a library of solid supports. Molecular Diversity, 2000, 6, 93-105.	2.1	4
139	Polymer-Supported Bis(oxazoline)â^'Copper Complexes as Catalysts in Cyclopropanation Reactions. Organic Letters, 2000, 2, 3905-3908.	2.4	109
140	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. Langmuir, 2000, 16, 5607-5612.	1.6	38
141	CaracterizaciÃ³n, mediante espectroscopia EPR, de los catalizadores quirales bis (Oxazolina)-Cu soportados en Laponitas. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2000, 39, 552-555.	0.9	0
142	Solvent and counterion effects in the asymmetric cyclopropanation catalysed by bis(oxazoline)â€“copper complexes. Journal of Molecular Catalysis A, 1999, 144, 85-89.	4.8	39
143	Bis(oxazoline)â€“Copper Complexes, Supported by Electrostatic Interactions, as Heterogeneous Catalysts for Enantioselective Cyclopropanation Reactions: Influence of the Anionic Support. Journal of Catalysis, 1999, 186, 214-221.	3.1	75
144	Homogeneous and Supported Copper Complexes of Cyclic and Open-Chain Polynitrogenated Ligands as Catalysts of Cyclopropanation Reactions. European Journal of Inorganic Chemistry, 1999, 1999, 2347-2354.	1.0	30

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145	On the Nature of the Lewis Acid Sites of Aluminum-Modified Silica. A Theoretical and Experimental Study. Journal of Physical Chemistry B, 1999, 103, 1664-1670.	1.2	12
146	Title is missing!. Catalysis Letters, 1998, 51, 235-239.	1.4	2
147	Clay-supported non-chiral and chiral Mn(salen) complexes as catalysts for olefin epoxidation. Journal of Molecular Catalysis A, 1998, 136, 47-57.	4.8	99
148	Clay-supported bis(oxazoline)â€“copper complexes as heterogeneous catalysts of enantioselective cyclopropanation reactions. Tetrahedron: Asymmetry, 1998, 9, 3997-4008.	1.8	62
149	A mild, efficient and selective oxidation of sulfides to sulfoxides. Chemical Communications, 1998, , 1807-1808.	2.2	64
150	High-resolution NMR studies of methyl acrylate adsorbed on silica and TiCl4-modified silica. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 1981-1985.	1.7	1
151	Polymer-Grafted Tiâ^'TADDOL Complexes. Preparation and Use as Catalysts in Dielsâ^'Alder Reactions. Journal of Organic Chemistry, 1997, 62, 3126-3134.	1.7	76
152	Asymmetric cyclopropanation catalysed by cationic bis(oxazoline)-CuII complexes exchanged into clays. Tetrahedron: Asymmetry, 1997, 8, 2089-2092.	1.8	49
153	TADDOL-TiCl2 catalyzed Diels-Alder reactions: unexpected influence of the substituents in the 2-position of the dioxolane ring on the stereoselectivity. Tetrahedron: Asymmetry, 1997, 8, 2561-2570.	1.8	21
154	Contribution of different mechanisms and different active sites to the clay-catalyzed Dielsâ€“Alder reactions. Journal of Molecular Catalysis A, 1997, 121, 97-102.	4.8	15
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