

JosÃ© M Fraile

List of Publications by Year in descending order

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182
papers

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47006

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213
all docs

213
docs citations

213
times ranked

5212
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into the interaction of triethylphosphine oxide with silica surface: exchange between different surface species. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 16755-16761.	2.8	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. <i>Pharmaceutics</i> , 2021, 13, 217.	4.5	6
4	Synthesis of hydroxyfatty esters by sequential epoxidation-hydrogenolysis: Solvent effects. <i>Applied Catalysis A: General</i> , 2021, 623, 118270.	4.3	4
5	Functionalization of Porous Cellulose with Glyoxyl Groups as a Carrier for Enzyme Immobilization and Stabilization. <i>Biomacromolecules</i> , 2021, 22, 927-937.	5.4	16
6	Study of interactions between Brønsted acids and triethylphosphine oxide in solution by ³¹ P NMR: evidence for 2 ⁺ species. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 24351-24358.	2.8	13
7	Brimonidine-LAPONITE® intravitreal formulation has an ocular hypotensive and neuroprotective effect throughout 6 months of follow-up in a glaucoma animal model. <i>Biomaterials Science</i> , 2020, 8, 6246-6260.	5.4	13
8	Synthesis of fatty ketoesters by tandem epoxidation- ^o rearrangement with heterogeneous catalysis. <i>Catalysis Science and Technology</i> , 2020, 10, 1789-1795.	4.1	12
9	Comparison of Chemical and Enzymatic Methods for the Transesterification of Waste Fish Oil Fatty Ethyl Esters with Different Alcohols. <i>ACS Omega</i> , 2020, 5, 1479-1487.	3.5	23
10	The importance of copper placement in chiral catalysts supported on heteropolyanions: Lacunary vs external exchanged. <i>Molecular Catalysis</i> , 2020, 489, 110935.	2.0	1
11	Dexamethasone delivery to the ocular posterior segment by sustained-release Laponite formulation. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 065021.	3.3	9
12	Sulfonated Hydrothermal Carbons from Cellulose and Glucose as Catalysts for Glycerol Ketalization. <i>Catalysts</i> , 2019, 9, 804.	3.5	15
13	Safety study of intravitreal and suprachoroidal Laponite clay in rabbit eyes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 535-546.	1.9	10
14	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
15	Enantioselective epoxidation of styrene with TBHP catalyzed by bis(oxazoline)-vanadyl-laponite materials. <i>Catalysis Communications</i> , 2018, 117, 90-93.	3.3	5
16	Bio-lubricants production from fish oil residue by transesterification with trimethylolpropane. <i>Journal of Cleaner Production</i> , 2018, 202, 81-87.	9.3	32
17	Synthesis of Isosorbide Esters from Sorbitol with Heterogeneous Catalysts. <i>ChemistrySelect</i> , 2017, 2, 1013-1018.	1.5	19
18	Synthetic Transformations for the Valorization of Fatty Acid Derivatives. <i>Synthesis</i> , 2017, 49, 1444-1460.	2.3	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. <i>Green Chemistry</i> , 2017, 19, 3535-3541.	9.0	52
20	Comparison of Taâ€“MCM-41 and Tiâ€“MCM-41 as catalysts for the enantioselective epoxidation of styrene with TBHP. <i>Comptes Rendus Chimie</i> , 2017, 20, 827-832.	0.5	13
21	Challenging cyclopropanation reactions on non-activated double bonds of fatty esters. <i>RSC Advances</i> , 2017, 7, 19417-19424.	3.6	3
22	Parametric study of the hydrothermal carbonization of cellulose and effect of acidic conditions. <i>Carbon</i> , 2017, 123, 421-432.	10.3	88
23	Determination of Three Corticosteroids in the Biologic Matrix of Vitreous Humor by HPLC-tandem Mass Spectrometry: Method Development and Validation. <i>Current Eye Research</i> , 2017, 42, 244-251.	1.5	4
24	Application of Heterogeneous Catalysts in the First Steps of the Oseltamivir Synthesis. <i>Catalysts</i> , 2017, 7, 393.	3.5	4
25	Modified Ti/MCM-41 catalysts for enantioselective epoxidation of styrene. <i>Journal of Molecular Catalysis A</i> , 2016, 420, 282-289.	4.8	48
26	Laponite as carrier for controlled in vitro delivery of dexamethasone in vitreous humor models. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 108, 83-90.	4.3	38
27	Non-covalent immobilization of chiral copper complexes on Al-MCM41: Effect of the nature of the ligand. <i>Catalysis Communications</i> , 2016, 83, 74-77.	3.3	7
28	Vanadium-Schiff base complex covalently bonded on modified MCM-41 as catalyst for asymmetric oxidation of methyl phenyl sulfide. <i>Journal of Porous Materials</i> , 2016, 23, 507-516.	2.6	7
29	Heterogeneous titanium catalysts for oxidation of dibenzothiophene in hydrocarbon solutions with hydrogen peroxide: On the road to oxidative desulfurization. <i>Applied Catalysis B: Environmental</i> , 2016, 180, 680-686.	20.2	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. <i>ACS Catalysis</i> , 2015, 5, 3552-3561.	11.2	36
31	Catalytic performance and deactivation of sulfonated hydrothermal carbon in the esterification of fatty acids: Comparison with sulfonic solids of different nature. <i>Journal of Catalysis</i> , 2015, 324, 107-118.	6.2	66
32	Improved methodology for non-covalent immobilization of tert-butyl-azabis(oxazoline)â€“copper complex on Al-MCM41. <i>Applied Catalysis A: General</i> , 2015, 502, 166-173.	4.3	6
33	Impact of sulfonated hydrothermal carbon texture and surface chemistry on its catalytic performance in esterification reaction. <i>Catalysis Today</i> , 2015, 249, 153-160.	4.4	38
34	Biobased catalyst in biorefinery processes: sulphonated hydrothermal carbon for glycerol esterification. <i>Catalysis Science and Technology</i> , 2015, 5, 2897-2903.	4.1	38
35	Catalytic activity of copper-bis(oxazoline) grafted on mesoporous silica in enantioselective cyclopropanation. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2015, 116, 119-130.	1.7	4
36	Modified Ta/MCM-41 catalysts for enantioselective oxidation of thioanisole. <i>Journal of Molecular Catalysis A</i> , 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. <i>RSC Advances</i> , 2015, 5, 6853-6863.	3.6	26
38	Electrostatic immobilization of bis(oxazoline)-copper complexes on mesoporous crystalline materials: Cation exchange vs. incipient wetness methods. <i>Applied Catalysis A: General</i> , 2014, 485, 67-73.	4.3	6
39	New insights into the strength and accessibility of acid sites of sulfonated hydrothermal carbon. <i>Carbon</i> , 2014, 77, 1157-1167.	10.3	55
40	Theoretical Study on the BF ₃ -Catalyzed Meinwald Rearrangement Reaction. <i>Journal of Organic Chemistry</i> , 2014, 79, 5993-5999.	3.2	40
41	Carbenoid insertions into benzylic C-H bonds with heterogeneous copper catalysts. <i>Tetrahedron</i> , 2013, 69, 7360-7364.	1.9	9
42	Support Effect on Stereoselectivities of Vinylogous Mukaiyama-Michael Reactions Catalyzed by Immobilized Chiral Copper Complexes. <i>ACS Catalysis</i> , 2013, 3, 2710-2718.	11.2	30
43	CuO/SiO ₂ as a simple, effective and recoverable catalyst for alkylation of indole derivatives with diazo compounds. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4327.	2.8	41
44	Integration of heterogeneous catalysts into complex synthetic routes: sequential vs. one-pot reactions in a (Knoevenagel + Mukaiyama-Michael + hydrogenation + transesterification) sequence. <i>Catalysis Science and Technology</i> , 2013, 3, 436-443.	4.1	12
45	Stereochemical Outcome of Copper-Catalyzed C-H Insertion Reactions. An Experimental and Theoretical Study. <i>Journal of Organic Chemistry</i> , 2013, 78, 5851-5857.	3.2	17
46	V/MCM-41 as Catalyst for Asymmetric and Non-Asymmetric Oxidation of Methyl Phenyl Sulfide. <i>Journal of Chemical Research</i> , 2013, 37, 766-773.	1.3	5
47	The formation of a hydrothermal carbon coating on graphite microfiber felts for using as structured acid catalyst. <i>Carbon</i> , 2012, 50, 1363-1372.	10.3	47
48	Heterogeneous Catalysis for Tandem Mukaiyama-Michael and Hydrogenation Reactions: One-Pot vs Sequential Processes. <i>ACS Catalysis</i> , 2012, 2, 56-64.	11.2	16
49	Structure and Dynamics of 1-Butyl-3-methylimidazolium Hexafluorophosphate Phases on Silica and Laponite Clay: From Liquid to Solid Behavior. <i>Langmuir</i> , 2012, 28, 11364-11375.	3.5	28
50	Deactivation of sulfonated hydrothermal carbons in the presence of alcohols: Evidences for sulfonic esters formation. <i>Journal of Catalysis</i> , 2012, 289, 73-79.	6.2	85
51	Efficient enhancement of copper-pyridineoxazoline catalysts through immobilization and process design. <i>Green Chemistry</i> , 2011, 13, 983.	9.0	54
52	Enantioselective C-H carbene insertions with homogeneous and immobilized copper complexes. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6075.	2.8	36
53	Synthesis and reactivity of 5-methylenehydantoins. <i>Tetrahedron</i> , 2011, 67, 8639-8647.	1.9	20
54	Heterogeneous catalysts for carbene insertion reactions. <i>Journal of Catalysis</i> , 2011, 281, 273-278.	6.2	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. <i>Catalysis Today</i> , 2011, 173, 15-20.	4.4	9
56	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
57	Tridentate chiral NPN ligands based on bis(oxazolines) and their use in Pd-catalyzed enantioselective allylic substitution in molecular and ionic liquids. <i>Tetrahedron</i> , 2011, 67, 5402-5408.	1.9	32
58	Reversible Insertion of Aldehydes and Ketones into C-H Bonds of Chiral Bis(oxazoline)/Iridium Complexes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3240-3243.	13.8	11
59	Supported heteropolyanions as solid counterions for the electrostatic immobilization of chiral copper complexes. <i>Journal of Catalysis</i> , 2010, 275, 70-77.	6.2	23
60	Shift of Multiple Incompatible Equilibria by a Combination of Heterogeneous Catalysis and Membranes. <i>Chemistry - A European Journal</i> , 2010, 16, 3296-3299.	3.3	17
61	Effect of support properties on the performance of silica-supported bis(oxazoline)-copper chiral complexes. <i>Journal of Molecular Catalysis A</i> , 2010, 329, 21-26.	4.8	12
62	The basicity of mixed oxides and the influence of alkaline metals: The case of transesterification reactions. <i>Applied Catalysis A: General</i> , 2010, 387, 67-74.	4.3	40
63	Synthesis of mesoporous silicas functionalized with trans (1R,2R)-diaminocyclohexane by sol-gel method. <i>Studies in Surface Science and Catalysis</i> , 2010, 175, 487-491.	1.5	0
64	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
65	Heterogenization on Inorganic Supports: Methods and Applications. <i>Catalysis By Metal Complexes</i> , 2010, , 65-121.	0.6	6
66	Synthesis of mesoporous silica with tailored porosity under wide-ranging conditions. <i>Annales De Chimie: Science Des Materiaux</i> , 2010, 35, 151-168.	0.4	1
67	Physicochemical characterization of vanadium-doped alumina-pillared montmorillonite catalyst: Epoxidation of trans-2-hexen-1-ol. <i>Comptes Rendus Chimie</i> , 2009, 12, 787-792.	0.5	3
68	Synthesis of diamine functionalized mesoporous organosilicas with large pores. <i>Journal of Sol-Gel Science and Technology</i> , 2009, 52, 388-397.	2.4	7
69	Beyond reuse in chiral immobilized catalysis: The bis(oxazoline) case. <i>Catalysis Today</i> , 2009, 140, 44-50.	4.4	31
70	The influence of alkaline metals on the strong basicity of Mg-Al mixed oxides: The case of transesterification reactions. <i>Applied Catalysis A: General</i> , 2009, 364, 87-94.	4.3	80
71	Glycerol upgrading by ketalization in a zeolite membrane reactor. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2009, 4, 279-284.	1.5	47
72	Noncovalent Immobilization of Enantioselective Catalysts. <i>Chemical Reviews</i> , 2009, 109, 360-417.	47.7	303

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73	The use of H ₂ O ₂ over titanium-grafted mesoporous silica catalysts: a step further towards sustainable epoxidation. <i>Green Chemistry</i> , 2009, 11, 1421.	9.0	89
74	Enantioselective catalysis with chiral complexes immobilized on nanostructured supports. <i>Chemical Society Reviews</i> , 2009, 38, 695-706.	38.1	134
75	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
76	Preparation of β -hydroxyphosphonates over phosphate catalysts. <i>Catalysis Communications</i> , 2008, 9, 2503-2508.	3.3	29
77	Surface Confinement Effects on Enantioselective Cyclopropanation. Reactions with Supported Chiral 8-Oxazolinyloquinoline-Copper Complexes. <i>Organometallics</i> , 2008, 27, 2246-2251.	2.3	28
78	Surface-enhanced stereoselectivity in Mukaiyama aldol reactions catalyzed by clay-supported bis(oxazoline)-copper complexes. <i>Chemical Communications</i> , 2008, , 5402.	4.1	31
79	TiIV Exchanged K10-Montmorillonite: Characterisation and Catalytic Properties in Liquid-Phase Sulfide Oxidation. <i>Journal of Chemical Research</i> , 2008, 2008, 604-608.	1.3	4
80	Simple and Efficient Heterogeneous Copper Catalysts for Enantioselective C α -H Carbene Insertion. <i>Organic Letters</i> , 2007, 9, 731-733.	4.6	99
81	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
82	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
83	Comparison of immobilized Box and azaBox-Cu(II) complexes as catalysts for enantioselective Mukaiyama aldol reactions. <i>Journal of Catalysis</i> , 2007, 252, 303-311.	6.2	20
84	Vanadium sites in V-K10: Characterization and catalytic properties in liquid-phase sulfide oxidation. <i>Journal of Molecular Catalysis A</i> , 2006, 255, 92-96.	4.8	20
85	Catalytic oxidation of thioanisole Ph-S-CH ₃ over VO _x /SiO ₂ and VO _x /Al ₂ O ₃ catalysts prepared by sol-gel method. <i>Journal of Molecular Catalysis A</i> , 2006, 255, 62-68.	4.8	22
86	The First Synthesis of Organic-Inorganic Hybrid Materials with Chiral Bis(oxazoline) Ligands. <i>ChemInform</i> , 2006, 37, no.	0.0	0
87	Synthesis of Polymer Bound Azabis(oxazoline) Ligands and their Application in Asymmetric Cyclopropanations. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 125-132.	4.3	59
88	Multipurpose box- and azabox-Based Immobilized Chiral Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1680-1688.	4.3	33
89	Reversible microencapsulation of pybox-Ru chiral catalysts: scope and limitations. <i>Tetrahedron</i> , 2005, 61, 12107-12110.	1.9	25
90	Catalytic sites in silica-supported titanium catalysts: silsesquioxane complexes as models. <i>Journal of Catalysis</i> , 2005, 233, 90-99.	6.2	74

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91	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
92	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
93	Polystyrene-Supported (R)-2-Piperazino-1,1,2-triphenylethanol: A Readily Available Supported Ligand with Unparalleled Catalytic Activity and Enantioselectivity.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
94	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
95	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
96	The first synthesis of organic-inorganic hybrid materials with chiral bis(oxazoline) ligands. <i>Chemical Communications</i> , 2005, , 4669.	4.1	17
97	Computational Mechanistic Studies on Enantioselective pybox-Ruthenium-Catalyzed Cyclopropanation Reactions. <i>Organometallics</i> , 2005, 24, 3448-3457.	2.3	19
98	Polystyrene-Supported (R)-2-Piperazino-1,1,2-triphenylethanol: A Readily Available Supported Ligand with Unparalleled Catalytic Activity and Enantioselectivity. <i>Journal of Organic Chemistry</i> , 2005, 70, 433-438.	3.2	36
99	Polymer-Supported Bis(oxazolines) and Related Systems: Toward New Heterogeneous Enantioselective Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 8580-8587.	3.7	33
100	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
101	Bis(oxazoline)-copper complexes supported by electrostatic interactions: scope and limitations. <i>Journal of Catalysis</i> , 2004, 221, 532-540.	6.2	49
102	The use of Lewis acids in the synthesis of 5-arylhydantoins. <i>Journal of Catalysis</i> , 2004, 226, 192-196.	6.2	8
103	Comparison of hydrophilic and hydrophobic silicas as supports for titanium catalysts. <i>Applied Catalysis A: General</i> , 2004, 276, 113-122.	4.3	17
104	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
105	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
106	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
107	Immobilized pybox systems as recoverable chiral catalysts. <i>Comptes Rendus Chimie</i> , 2004, 7, 161-167.	0.5	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. <i>Applied Catalysis A: General</i> , 2004, 274, 9-14.	4.3	7

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109	Comparison of the immobilization of chiral bis(oxazoline)â€™copper complexes onto anionic solids and in ionic liquids. <i>Green Chemistry</i> , 2004, 6, 93-98.	9.0	52
110	Bis(oxazoline)-copper complexes, immobilized by electrostatic interactions, as catalysts for enantioselective aziridination. <i>Arkivoc</i> , 2004, 2004, 67-73.	0.5	0
111	Title is missing!. <i>Catalysis Letters</i> , 2003, 88, 31-32.	2.6	2
112	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
113	Polymer immobilization of bis(oxazoline) ligands using dendrimers as cross-linkers. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 773-778.	1.8	43
114	Surface-mediated improvement of enantioselectivity with clay-immobilized copper catalysts. <i>Journal of Molecular Catalysis A</i> , 2003, 196, 101-108.	4.8	54
115	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
116	Heterogeneous catalysis in the synthesis and reactivity of allantoin. <i>Green Chemistry</i> , 2003, 5, 275-277.	9.0	12
117	New Silica-Immobilized Chiral Amino Alcohol for the Enantioselective Addition of Diethylzinc to Benzaldehyde. <i>Organic Letters</i> , 2003, 5, 4333-4335.	4.6	35
118	Experimental and Theoretical Studies on Structureâ€™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
119	The First Immobilization of Pyridine-bis(oxazoline) Chiral Ligands. <i>Organic Letters</i> , 2002, 4, 3927-3930.	4.6	67
120	Immobilisation of bis(oxazoline)â€™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
121	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
122	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
123	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
124	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.	18.7	176
125	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
126	Title is missing!. <i>Green Chemistry</i> , 2001, 3, 271-274.	9.0	44

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127	Calcined sodium nitrate/natural phosphate: an extremely active catalyst for the easy synthesis of chalcones in heterogeneous media. <i>Tetrahedron Letters</i> , 2001, 42, 7953-7955.	1.4	76
128	Enantioselective cyclopropanation reactions in ionic liquids. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1891-1894.	1.8	75
129	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
130	Epoxidation of chiral electron-deficient alkenes with basic heterogeneous catalysts. <i>Applied Catalysis A: General</i> , 2001, 207, 239-246.	4.3	22
131	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
132	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
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. <i>Synlett</i> , 2001, 2001, 0753-0756.	1.8	18
134	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
135	Basic solids in the oxidation of organic compounds. <i>Catalysis Today</i> , 2000, 57, 3-16.	4.4	58
136	Title is missing!. <i>Topics in Catalysis</i> , 2000, 13, 303-309.	2.8	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. <i>Journal of Catalysis</i> , 2000, 189, 40-51.	6.2	95
138	Immobilizing a single pybox ligand onto a library of solid supports. <i>Molecular Diversity</i> , 2000, 6, 93-105.	3.9	4
139	Polymer-Supported Bis(oxazoline)-Copper Complexes as Catalysts in Cyclopropanation Reactions. <i>Organic Letters</i> , 2000, 2, 3905-3908.	4.6	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. <i>Langmuir</i> , 2000, 16, 5607-5612.	3.5	38
141	Caracterizaci3n, mediante espectroscopia EPR, de los catalizadores quirales bis (Oxazolona)-Cu soportados en Laponitas. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2000, 39, 552-555.	1.9	0
142	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
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	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
146	Title is missing!. <i>Catalysis Letters</i> , 1998, 51, 235-239.	2.6	2
147	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
148	Clay-supported bis(oxazoline)-copper complexes as heterogeneous catalysts of enantioselective cyclopropanation reactions. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 3997-4008.	1.8	62
149	A mild, efficient and selective oxidation of sulfides to sulfoxides. <i>Chemical Communications</i> , 1998, , 1807-1808.	4.1	64
150	High-resolution NMR studies of methyl acrylate adsorbed on silica and TiCl ₄ -modified silica. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 1981-1985.	1.7	1
151	Polymer-Grafted Ti-TADDOL Complexes. Preparation and Use as Catalysts in Diels-Alder Reactions. <i>Journal of Organic Chemistry</i> , 1997, 62, 3126-3134.	3.2	76
152	Asymmetric cyclopropanation catalysed by cationic bis(oxazoline)-CuII complexes exchanged into clays. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2089-2092.	1.8	49
153	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
154	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
155	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
156	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
157	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
158	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
159	Calcined and silylated K10 montmorillonites as catalysts of pericyclic reactions of trans-anethole. <i>Chemical Communications</i> , 1996, , 1981-1982.	4.1	9
160	A new titanium-silica catalyst for the epoxidation of alkenes. <i>Journal of Molecular Catalysis A</i> , 1996, 112, 259-267.	4.8	74
161	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
162	Supported chiral amino alcohols and diols functionalized with aluminium and titanium as catalysts of Diels-Alder reaction. <i>Tetrahedron</i> , 1996, 52, 9853-9862.	1.9	55

#	ARTICLE	IF	CITATIONS
163	Comparison of several heterogeneous catalysts in the epoxidation of $\hat{\pm}$ -isophorone with hydroperoxides. <i>Tetrahedron Letters</i> , 1996, 37, 5995-5996.	1.4	45
164	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
165	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
166	Titanium Catalysts Supported on Silica. X-ray Absorption Investigation on Their Structures and Comparison of Their Catalytic Activities in Diels-Alder and Epoxidation Reactions. <i>The Journal of Physical Chemistry</i> , 1996, 100, 19484-19488.	2.9	41
167	Clay-catalyzed Friedel-Crafts alkylation of anisole with dienes. <i>Applied Catalysis A: General</i> , 1995, 123, 273-287.	4.3	19
168	Hydrotalcite-promoted epoxidation of electron-deficient alkenes with hydrogen peroxide. <i>Tetrahedron Letters</i> , 1995, 36, 4125-4128.	1.4	102
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	Heterogeneous catalysis of asymmetric Diels-Alder reactions. <i>Journal of Molecular Catalysis</i> , 1994, 89, 159-164.	1.2	6
171	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
172	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
173	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
174	ALPO4-Catalysed asymmetric Diels-Alder reactions of cyclopentadiene with chiral acrylates. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 2507-2512.	1.8	25
175	Clay-catalysed asymmetric Diels-Alder reaction of cyclopentadiene with chiral acrylates. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 223-228.	1.8	20
176	Effect of clay calcination on clay-catalysed Diels-Alder reactions of cyclopentadiene with methyl and ($\hat{\alpha}$)-menthyl acrylates. <i>Tetrahedron</i> , 1992, 48, 6467-6476.	1.9	32
177	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
178	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
179	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
180	Clay-catalysed asymmetric diels-alder reaction of cyclopentadiene with ($\hat{\alpha}$)-menthyl acrylate. <i>Tetrahedron: Asymmetry</i> , 1991, 2, 953-956.	1.8	25

#	ARTICLE	IF	CITATIONS
181	Ethyl 2-(Diphenylmethyleamino)acrylate as a Dienophile in the Synthesis of Alicyclic $\hat{\pm}$ -Amino Acids. Bulletin of the Chemical Society of Japan, 1990, 63, 2456-2457.	3.2	5
182	Non-covalent Immobilization of Catalysts Based on Chiral Diazaligands. , 0, , 149-190.		4