

# Michelangelo Gruttadauria

## List of Publications by Citations

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155  
papers

4,835  
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35  
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64  
g-index

217  
ext. papers

5,291  
ext. citations

5  
avg, IF

5.66  
L-index

#	Paper	IF	Citations
155	Supported proline and proline-derivatives as recyclable organocatalysts. <i>Chemical Society Reviews</i> , <b>2008</b> , 37, 1666-88	58.5	374
154	Heterogeneous catalytic degradation of phenolic substrates: catalysts activity. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 162, 588-606	12.8	303
153	Low-loading asymmetric organocatalysis. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 2406-47	58.5	289
152	Water in Stereoselective Organocatalytic Reactions. <i>Advanced Synthesis and Catalysis</i> , <b>2009</b> , 351, 33-57	5.6	285
151	Hydrophobically Directed Aldol Reactions: Polystyrene-Supported L-Proline as a Recyclable Catalyst for Direct Asymmetric Aldol Reactions in the Presence of Water. <i>European Journal of Organic Chemistry</i> , <b>2007</b> , 2007, 4688-4698	3.2	142
150	Polystyrene-supported proline and prolinamide. Versatile heterogeneous organocatalysts both for asymmetric aldol reaction in water and $\beta$ -ketoenolization of aldehydes. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 255-259	2	137
149	Supported Ionic Liquids. New Recyclable Materials for the L-Proline-Catalyzed Aldol Reaction. <i>Advanced Synthesis and Catalysis</i> , <b>2006</b> , 348, 82-92	5.6	134
148	Supported ionic liquid asymmetric catalysis. A new method for chiral catalysts recycling. The case of proline-catalyzed aldol reaction. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 6113-6116	2	127
147	New Simple Hydrophobic Proline Derivatives as Highly Active and Stereoselective Catalysts for the Direct Asymmetric Aldol Reaction in Aqueous Medium. <i>Advanced Synthesis and Catalysis</i> , <b>2008</b> , 350, 2747-2760	5.6	100
146	Novel Prolinamide-Supported Polystyrene as Highly Stereoselective and Recyclable Organocatalyst for the Aldol Reaction. <i>Advanced Synthesis and Catalysis</i> , <b>2008</b> , 350, 1397-1405	5.6	90
145	Single-Walled Carbon Nanotube-Polyamidoamine Dendrimer Hybrids for Heterogeneous Catalysis. <i>ACS Nano</i> , <b>2016</b> , 10, 4627-36	16.7	87
144	Covalently Supported Ionic Liquid Phases: An Advanced Class of Recyclable Catalytic Systems. <i>ChemCatChem</i> , <b>2016</b> , 8, 664-684	5.2	86
143	Palladium Supported on Cross-Linked Imidazolium Network on Silica as Highly Sustainable Catalysts for the Suzuki Reaction under Flow Conditions. <i>Advanced Synthesis and Catalysis</i> , <b>2013</b> , 355, 2007-2018	5.6	82
142	Release and catch catalytic systems. <i>Green Chemistry</i> , <b>2013</b> , 15, 2608	10	79
141	Multi-Layered, Covalently Supported Ionic Liquid Phase (mlc-SILP) as Highly Cross-Linked Support for Recyclable Palladium Catalysts for the Suzuki Reaction in Aqueous Medium. <i>Advanced Synthesis and Catalysis</i> , <b>2011</b> , 353, 2119-2130	5.6	76
140	Synthesis and high-throughput testing of multilayered supported ionic liquid catalysts for the conversion of CO <sub>2</sub> and epoxides into cyclic carbonates. <i>Catalysis Science and Technology</i> , <b>2014</b> , 4, 1598-1607	5.5	74
139	New ionic liquid-modified silica gels as recyclable materials for L-proline- or H <sub>2</sub> -catalyzed aldol reaction. <i>Green Chemistry</i> , <b>2007</b> , 9, 1328	10	74

138	Eco-friendly functionalization of natural halloysite clay nanotube with ionic liquids by microwave irradiation for Suzuki coupling reaction. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 749, 410-415	2.3	71
137	Multilayered supported ionic liquids as catalysts for chemical fixation of carbon dioxide: a high-throughput study in supercritical conditions. <i>ChemSusChem</i> , <b>2011</b> , 4, 1830-7	8.3	71
136	Enhanced Activity and Stereoselectivity of Polystyrene-Supported Proline-Based Organic Catalysts for Direct Asymmetric Aldol Reaction in Water. <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 5437-5444	3.2	61
135	Advances towards Highly Active and Stereoselective Simple and Cheap Proline-Based Organocatalysts. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 5696-5704	3.2	59
134	An E-Factor Minimized Protocol for a Sustainable and Efficient Heck Reaction in Flow. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2014</b> , 2, 2813-2819	8.3	49
133	Modified Nanocarbons for Catalysis. <i>ChemCatChem</i> , <b>2019</b> , 11, 90-133	5.2	42
132	Thermodynamics of binding between $\beta$ -cyclodextrins and some p-nitro-aniline derivatives: reconsidering the enthalpy-entropy compensation effect. <i>Tetrahedron</i> , <b>2004</b> , 60, 9099-9111	2.4	42
131	Green conditions for the Suzuki reaction using microwave irradiation and a new HNT-supported ionic liquid-like phase (HNT-SILLP) catalyst. <i>Applied Organometallic Chemistry</i> , <b>2014</b> , 28, 234-238	3.1	41
130	Supported Ionic Liquids: A Versatile and Useful Class of Materials. <i>Chemical Record</i> , <b>2017</b> , 17, 918-938	6.6	40
129	Substituent effect on oxidative cyclization of aldehyde thiosemicarbazones with ferric chloride. <i>Journal of Heterocyclic Chemistry</i> , <b>1991</b> , 28, 1421-1427	1.9	39
128	Imidazolium-Functionalized Carbon Nanohorns for the Conversion of Carbon Dioxide: Unprecedented Increase of Catalytic Activity after Recycling. <i>ChemSusChem</i> , <b>2017</b> , 10, 1202-1209	8.3	38
127	Spectrophotometric study on the thermodynamics of binding of alpha- and beta-cyclodextrin towards some p-nitrobenzene derivatives. <i>Organic and Biomolecular Chemistry</i> , <b>2003</b> , 1, 1584-90	3.9	38
126	Palladium on pumice: new catalysts for the stereoselective semihydrogenation of alkynes to (Z)-alkenes. <i>Tetrahedron Letters</i> , <b>2001</b> , 42, 2015-2017	2	38
125	Short and efficient chemoenzymatic synthesis of goniothalamin. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 83-85	2	37
124	A polyhedral oligomeric silsesquioxane-based catalyst for the efficient synthesis of cyclic carbonates. <i>Catalysis Science and Technology</i> , <b>2015</b> , 5, 5000-5007	5.5	36
123	Fullerene-ionic-liquid conjugates: a new class of hybrid materials with unprecedented properties. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 3327-34	4.8	36
122	Studies on the stereoselective selenolactonization, hydroxy and methoxy selenenylation of $\beta$ -hydroxy acids and esters. Synthesis of $\beta$ -lactones. <i>Tetrahedron</i> , <b>2003</b> , 59, 2241-2251	2.4	36
121	Sustainable Approach to Waste-Minimized Sonogashira Cross-Coupling Reaction Based on Recoverable/Reusable Heterogeneous Catalytic/Base System and Acetonitrile Azeotrope. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2016</b> , 4, 7209-7216	8.3	36

- 120 Supported Polyhedral Oligomeric Silsesquioxane-Based (POSS) Materials as Highly Active Organocatalysts for the Conversion of CO<sub>2</sub>. *ChemCatChem*, **2019**, 11, 560-567 5.2 35
- 119 Evidences of release and catch mechanism in the Heck reaction catalyzed by palladium immobilized on highly cross-linked-supported imidazolium salts. *Journal of Molecular Catalysis A*, **2014**, 387, 57-62 34
- 118 A Liquid-Liquid Biphasic Homogeneous Organocatalytic Aldol Protocol Based on the Use of a Silica Gel Bound Multilayered Ionic Liquid Phase. *ChemCatChem*, **2012**, 4, 1000-1006 5.2 33
- 117 Highly cross-linked imidazolium salt entrapped magnetic particles: Preparation and applications. *Journal of Materials Chemistry*, **2012**, 22, 20728 32
- 116 Chromia on silica and zirconia oxides as recyclable oxidizing system: structural and surface characterization of the active chromium species for oxidation reaction. *Catalysis Today*, **2004**, 91-92, 231-236 5.3 30
- 115 A quantitative study of substituent effects on oxidative cyclization of some 2-aryl-substituted aldehyde thiosemicarbazones induced by ferric chloride and cupric perchlorate. *Journal of Heterocyclic Chemistry*, **1999**, 36, 667-674 1.9 30
- 114 Catalytic Synergism in a C60IL10TEMPO<sub>2</sub> Hybrid in the Efficient Oxidation of Alcohols. *Advanced Synthesis and Catalysis*, **2015**, 357, 51-58 5.6 29
- 113 Imidazolium functionalized carbon nanotubes for the synthesis of cyclic carbonates: reducing the gap between homogeneous and heterogeneous catalysis. *Catalysis Science and Technology*, **2016**, 6, 8418-8427 5.5 29
- 112 Cross-Linked Thiazolidine Network as Support for Palladium: A New Catalyst for Suzuki and Heck Reactions. *ChemCatChem*, **2015**, 7, 2526-2533 5.2 29
- 111 Stereoselective Synthesis of cis-2,5-Disubstituted Tetrahydrofurans: An Approach to Pamamycins. *Synlett*, **1997**, 1997, 627-628 2.2 27
- 110 Host-guest interactions involving cyclodextrins: useful complementary insights achieved by polarimetry. *Tetrahedron*, **2007**, 63, 9163-9171 2.4 27
- 109 Oxidative degradation properties of Co-based catalysts in the presence of ozone. *Applied Catalysis B: Environmental*, **2007**, 75, 281-289 21.8 27
- 108 Synthesis of 2,4,6-trisubstituted tetrahydropyrans via 6-exo selenoetherification of unsaturated alcohols. *Tetrahedron Letters*, **2001**, 42, 2213-2215 2 27
- 107 Oxidative cyclization of some aldehyde semicarbazones induced by metallic salts. *Journal of Heterocyclic Chemistry*, **1993**, 30, 765-770 1.9 27
- 106 Proximity Effect using a Nanocage Structure: Polyhedral Oligomeric Silsesquioxane-Imidazolium Tetrachloro-palladate Salt as a Precatalyst for the Suzuki-Miyaura Reaction in Water. *ChemCatChem*, **2016**, 8, 1685-1691 5.2 27
- 105 Recyclable Catalyst Reservoir: Oxidation of Alcohols Mediated by Noncovalently Supported Bis(imidazolium)-Tagged 2,2,6,6-Tetramethylpiperidine 1-Oxyl. *ChemCatChem*, **2013**, 5, 2991-2999 5.2 26
- 104 Polystyrene-supported organocatalysts for  $\alpha$ -belenenylation and Michael reactions: A common post-modification approach for catalytic differentiation. *Catalysis Communications*, **2011**, 16, 75-80 3.2 26
- 103 Polystyrene-supported proline as recyclable catalyst in the Baylis-Hillman reaction of arylaldehydes and methyl or ethyl vinyl ketone. *Catalysis Communications*, **2008**, 9, 1477-1481 3.2 26

102	Efficient semihydrogenation of the C≡C triple bond using palladium on pumice as catalyst. <i>Tetrahedron Letters</i> , <b>1999</b> , 40, 2857-2858	2	26
101	The question of exo vs endo cyclisation. A joint experimental and ab initio study on the stereoselective synthesis of tetrahydrofurans and tetrahydropyrans via seleniranium ions. <i>Tetrahedron</i> , <b>2001</b> , 57, 1819-1826	2.4	25
100	Stereocontrolled approach to $\beta$ - and $\delta$ -lactones and 1,3-diols. The role of X <sup>+</sup> on in the selenolactonization. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 1669-1672	2	24
99	Regiochemical control in the synthesis of tetrahydrofurans by acid-catalyzed cyclization of hydroxy selenides and hydroxy sulfides. <i>Tetrahedron</i> , <b>1999</b> , 55, 4769-4782	2.4	23
98	Supported C60-IL-PdNPs as extremely active nanocatalysts for C-C cross-coupling reactions. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 17193-17206	13	22
97	Binding equilibria between $\beta$ -cyclodextrin and p-nitro-aniline derivatives: the first systematic study in mixed water-methanol solvent systems. <i>Tetrahedron</i> , <b>2009</b> , 65, 2037-2042	2.4	22
96	A quantitative study of substituent effects on oxidative cyclization of some 2-methylsubstituted aldehydes. Thiosemicarbazones induced by ferric chloride. <i>Journal of Heterocyclic Chemistry</i> , <b>1996</b> , 33, 863-872	1.9	22
95	Advances in Organic and Organic-Inorganic Hybrid Polymeric Supports for Catalytic Applications. <i>Molecules</i> , <b>2016</b> , 21,	4.8	22
94	Fullerene as a Platform for Recyclable TEMPO Organocatalysts for the Oxidation of Alcohols. <i>ChemCatChem</i> , <b>2014</b> , 6, 2419-2424	5.2	21
93	Spectrophotometric determination of binding constants between some aminocyclodextrins and nitrobenzene derivatives at various pH values. <i>Tetrahedron</i> , <b>2002</b> , 58, 6039-6045	2.4	21
92	Sequential Suzuki/Asymmetric Aldol and Suzuki/Knoevenagel Reactions Under Aqueous Conditions. <i>European Journal of Organic Chemistry</i> , <b>2012</b> , 2012, 2635-2642	3.2	20
91	Photocyclization Reaction of some 2-Methyl-4-phenyl- Substituted Aldehyde Thiosemicarbazones. Mechanistic Aspects. <i>Tetrahedron</i> , <b>2000</b> , 56, 999-1004	2.4	20
90	Enhanced power-conversion efficiency in organic solar cells incorporating copolymeric phase-separation modulators. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 3884-3894	13	20
89	First Evidence of Proline Acting as a Bifunctional Catalyst in the Baylis-Hillman Reaction Between Alkyl Vinyl Ketones and Aryl Aldehydes. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 1589-1596	3.2	19
88	Polarimetry as a useful tool for the determination of binding constants between cyclodextrins and organic guest molecules. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 9099-9102	2	18
87	Stereoselective synthesis of tetrahydrofurans and tetrahydropyrans by acid-catalyzed cyclization of hydroxy selenides and hydroxy sulfides. <i>Tetrahedron</i> , <b>1999</b> , 55, 14097-14110	2.4	18
86	Spectrophotometric determinations of binding constants between cyclodextrins and aromatic nitrogen substrates at various pH values. <i>Tetrahedron</i> , <b>2001</b> , 57, 6823-6827	2.4	17
85	Differential substituent effects in 4-X-acetophenones and 4-X-2,6-dimethylacetophenones: basicity constants (pK <sub>BH</sub> <sup>+</sup> ) and <sup>17</sup> O chemical shifts. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1995</b> , 1021		17

84	Binding properties of mono-(6-deoxy-6-amino)- $\beta$ -cyclodextrin towards p-nitroaniline derivatives: a polarimetric study. <i>Tetrahedron</i> , <b>2009</b> , 65, 10413-10417	2.4	16
83	Chiral recognition of protected amino acids by means of fluorescent binary complex pyrene/heptakis-(6-amino)-(6-deoxy)- $\beta$ -cyclodextrin. <i>Tetrahedron</i> , <b>2006</b> , 62, 4323-4330	2.4	16
82	Paper-TiO <sub>2</sub> composite: An effective photocatalyst for 2-propanol degradation in gas phase. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 350, 142-151	4.7	15
81	Effect of halloysite nanotubes filler on polydopamine properties. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 555, 394-402	9.3	15
80	A spectrofluorimetric study of binary fluorophore-cyclodextrin complexes used as chiral selectors. <i>Tetrahedron</i> , <b>2005</b> , 61, 4577-4583	2.4	15
79	A joint experimental and ab initio study on the reactivity of several hydroxy selenides. Stereoselective synthesis of cis-disubstituted tetrahydrofurans via seleniranium ions. <i>Tetrahedron</i> , <b>2001</b> , 57, 6815-6822	2.4	15
78	A study of the mechanism of the oxidative cyclization of benzaldehyde semicarbazones induced by cupric perchlorate in acetonitrile. <i>Journal of Heterocyclic Chemistry</i> , <b>1995</b> , 32, 1277-1282	1.9	15
77	Photochemical cyclization of some aldehyde thiosemicarbazones. <i>Journal of Heterocyclic Chemistry</i> , <b>1992</b> , 29, 233-236	1.9	15
76	Cyclodextrin-[60]fullerene conjugates: synthesis, characterization, and electrochemical behavior. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 8105-8108	2	14
75	Heterocyclic photorearrangements. Photoinduced rearrangement of 3-styryl-1,2,4-oxadiazoles. <i>Journal of Heterocyclic Chemistry</i> , <b>1990</b> , 27, 861-863	1.9	14
74	POSS nanostructures in catalysis. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 7415-7447	5.5	14
73	Chemical modification of carbon nanomaterials (SWCNTs, DWCNTs, MWCNTs and SWCNHs) with diphenyl dichalcogenides. <i>Nanoscale</i> , <b>2015</b> , 7, 6007-13	7.7	13
72	Highly Loaded Multi-Walled Carbon Nanotubes Non-Covalently Modified with a Bis-Imidazolium Salt and their Use as Catalyst Supports. <i>ChemPlusChem</i> , <b>2016</b> , 81, 471-476	2.8	13
71	Efficient microwave-mediated synthesis of fullerene acceptors for organic photovoltaics. <i>RSC Advances</i> , <b>2014</b> , 4, 63200-63207	3.7	13
70	Synthesis and characterization of new polyamino-cyclodextrin materials. <i>Carbohydrate Research</i> , <b>2012</b> , 347, 32-9	2.9	13
69	Chromium(VI) supported and entrapped on silica and zirconia as recyclable materials for oxidation of alcohols. <i>Tetrahedron</i> , <b>2003</b> , 59, 4997-5002	2.4	13
68	Kinetic and thermodynamic control in the intramolecular hydroxyl capture of seleniranium ions. <i>Tetrahedron Letters</i> , <b>1999</b> , 40, 8477-8481	2	13
67	Paper Functionalized with Nanostructured TiO <sub>2</sub> /AgBr: Photocatalytic Degradation of 2-Propanol under Solar Light Irradiation and Antibacterial Activity. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	12

66	Recyclable Heterogeneous and Low-Loading Homogeneous Chiral Imidazolidinone Catalysts for $\alpha$ -Alkylation of Aldehydes. <i>ChemPlusChem</i> , <b>2014</b> , 79, 857-862	2.8	12
65	A Simple Procedure for the Oxidation of Alcohols Using [Bis(acetoxy)iodo]benzene and a Catalytic Amount of Bromide Ions in Ethyl Acetate. <i>Synlett</i> , <b>2015</b> , 26, 1179-1184	2.2	12
64	Stereoselective synthesis of 4-alkoxy-3-methylidenealkanols using reactions between 2-(1-alkoxyalkyl)propenylstannanes and aldehydes: X-ray crystal structure of (1R,4R)-3-methylidene-1-(4-nitrophenyl)pentane-1,4-diol. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1997</b> , 2549-2560		12
63	Lipase-catalyzed resolution of $\beta$ -hydroxy selenides. <i>Tetrahedron: Asymmetry</i> , <b>2006</b> , 17, 2713-2721		12
62	The binary pyrene/heptakis-(6-amino-6-deoxy)- $\beta$ -cyclodextrin complex: a suitable chiral discriminator. Spectrofluorimetric study of the effect of some $\beta$ -amino acids and esters on the stability of the binary complex. <i>Tetrahedron: Asymmetry</i> , <b>2002</b> , 13, 1755-1760		12
61	Hybrid paper TiO <sub>2</sub> coupled with a Cu <sub>2</sub> O heterojunction: an efficient photocatalyst under sun-light irradiation. <i>RSC Advances</i> , <b>2016</b> , 6, 86918-86929	3.7	12
60	Thiazolium-Based Catalysts for the Etherification of Benzylic Alcohols under Solvent-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , <b>2015</b> , 357, 800-810	5.6	11
59	Oxidative cyclization of aldehyde thiosemicarbazones induced by potassium ferricyanide and by tris(p-bromophenyl)amino hexachloroantimoniate. A joint experimental and computational study. <i>Arkivoc</i> , <b>2005</b> , 2005, 114-129	0.9	11
58	Reconsidering TOF calculation in the transformation of epoxides and CO <sub>2</sub> into cyclic carbonates. <i>Journal of CO<sub>2</sub> Utilization</i> , <b>2020</b> , 38, 132-140	7.6	11
57	Cross-Linked Imidazolium Salts as Scavengers for Palladium. <i>ChemPlusChem</i> , <b>2014</b> , 79, 421-426	2.8	10
56	Stereocontrolled Synthesis of Tetrahydrofurans and Tetrahydropyrans by Cyclisation of Hydroxyselenides. <i>Heterocycles</i> , <b>1998</b> , 48, 1325	0.8	10
55	Rearrangement of 3-(N-Heteroaryl-amino)-1,2,5-oxadiazoles: Triazolo[1,5-a]quinolines and Triazolo[1,5-a]pyridines. <i>Heterocycles</i> , <b>1993</b> , 36, 1577	0.8	10
54	Templating effect of carbon nanoforms on highly cross-linked imidazolium network: Catalytic activity of the resulting hybrids with Pd nanoparticles. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4848 <sup>3.1</sup>		9
53	SBA-15/POSS-Imidazolium Hybrid as Catalytic Nanoreactor: the role of the Support in the Stabilization of Palladium Species for C-C Cross Coupling Reactions. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 3758-3767	5.6	9
52	Water in Organocatalytic Reactions <b>2013</b> , 673-717		9
51	Asymmetric Reactions in Flow Reactors <b>2011</b> , 345-371		9
50	Binding properties of heptakis-(2,6-di-O-methyl)- $\beta$ -cyclodextrin and mono-(3,6-anhydro)- $\beta$ -cyclodextrin: a polarimetric study. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2011</b> , 71, 121-127		9
49	A study of the behaviour of 2,4-substituted thiosemicarbazides toward orthoesters: Formation of mesoionic compounds. <i>Journal of Heterocyclic Chemistry</i> , <b>1997</b> , 34, 1447-1451	1.9	8

48	Diastereoselective synthesis of 2-phenylselenenyl-1,3-anti-diols and 2-phenylselenenyl-1,3-anti-azido-alcohols via hydroxy and azido-selenenylation reactions. <i>Molecules</i> , <b>2005</b> , 10, 383-93	4.8	8
47	TiO/AgO immobilized on cellulose paper: A new floating system for enhanced photocatalytic and antibacterial activities. <i>Environmental Research</i> , <b>2021</b> , 198, 111257	7.9	8
46	Peptides for Asymmetric Catalysis <b>2011</b> , 529-578		7
45	Diastereoselective Synthesis of Substituted 2-Phenyltetrahydropyrans as Useful Precursors of Aryl C-Glycosides via Selenoetherification. <i>Heterocycles</i> , <b>2004</b> , 63, 681	0.8	7
44	Kinetic and thermodynamic control in the cyclization via thiiranium ions. Stereoselective synthesis of a 2,3,5-trisubstituted tetrahydropyran ring. <i>Journal of Heterocyclic Chemistry</i> , <b>2001</b> , 38, 765-767	1.9	7
43	Cross-Linked Polyamine from Imidazolium-Based Materials: A Simple Route to Useful Catalytic Materials. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 1352-1358	3.2	6
42	Synthesis of Chiral Catalysts Supported on Organic Polymers <b>2011</b> , 209-256		6
41	Recyclable Organocatalysts in Asymmetric Reactions <b>2011</b> , 83-175		6
40	A discussion of the pKBH <sup>+</sup> values of weak bases as derived by different calculation methods. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1990</b> , 1975		6
39	Efficient Conversion of Carbon Dioxide by Imidazolium-Based Cross-Linked Nanostructures Containing Polyhedral Oligomeric Silsesquioxane (POSS) Building Blocks. <i>ChemPlusChem</i> , <b>2019</b> , 84, 1536-1543	2.8	5
38	DNA-Binding and Anticancer Activity of Pyrene-Imidazolium Derivatives. <i>ChemistrySelect</i> , <b>2016</b> , 1, 6755-6761	6.7	5
37	Silicate-Mediated Stereoselective Reactions Catalyzed by Chiral Lewis Bases <b>2011</b> , 579-624		4
36	Kinetic study of base-promoted elimination reactions of some 1,1,1-trihalo-2,2-bis(dimethoxyphenyl)ethanes in alcoholic solutions. <i>Journal of Physical Organic Chemistry</i> , <b>1998</b> , 11, 54-58	2.1	4
35	Regioselective epoxide ring opening. Stereoselective synthesis of a tetrahydropyran ring. <i>Journal of Heterocyclic Chemistry</i> , <b>1998</b> , 35, 865-869	1.9	4
34	Sol-gel entrapped chromium(VI): a new selective, efficient and recyclable oxidizing system. <i>Tetrahedron Letters</i> , <b>2001</b> , 42, 5199-5201	2	4
33	A Synthesis of 1,2,4-Triazolo[1,5-f]phenanthridines by Rearrangements of 1,2,5-Oxadiazoles Involving an NCN Sequence with the Imine Nitrogen in an Aromatic Heterocyclic Ring. <i>Heterocycles</i> , <b>1990</b> , 31, 869	0.8	4
32	Tunable Emission of Polyhedral Oligomeric Silsesquioxane Based Nanostructures that Self-Assemble in the Presence of Europium(III) Ions: Reversible trans-to-cis Isomerization. <i>ChemPlusChem</i> , <b>2020</b> , 85, 391-398	2.8	4
31	Microwave-Assisted Transition Metal-Catalyzed Asymmetric Synthesis <b>2011</b> , 391-412		3



30	Asymmetric Catalytic Synthesis in Supercritical Fluids <b>2011</b> , 373-390		3
29	Recent Advances in Biocatalysis Applied to Organic Synthesis <b>2011</b> , 491-527		3
28	Nonsolvent Applications of Ionic Liquids in Organocatalysis <b>2012</b> , 361-417		3
27	Analysis of substituent effects on the carbon-13 and oxygen-17 NMR chemical shifts of some phenylthiophen-2-ylmethanones by linear free energy relationships. <i>Journal of Physical Organic Chemistry</i> , <b>1999</b> , 12, 408-415	2.1	3
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