

Manoj B Gawande

List of Publications by Year in Descending Order

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Version: 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

136
papers

9,630
citations

45
h-index

97
g-index

180
ext. papers

11,347
ext. citations

9.8
avg, IF

6.68
L-index

#	Paper	IF	Citations
136	Recent Advances of Photocatalytic Hydrogenation of CO ₂ to Methanol. <i>Catalysts</i> , 2022 , 12, 94	4	3
135	Silica-supported Fe/Fe ⁰ nanoparticles for the catalytic hydrogenation of nitriles to amines in the presence of aluminium additives. <i>Nature Catalysis</i> , 2022 , 5, 20-29	36.5	11
134	Advances in Carbon Nitride-Based Materials and Their Electrocatalytic Applications. <i>ACS Catalysis</i> , 2022 , 12, 5605-5660	13.1	3
133	SMN-based catalytic membranes for environmental catalysis 2022 , 171-196		
132	Surface-modified nanomaterial-based catalytic materials for modern industry applications 2022 , 267-288		
131	Surface-modified nanomaterial-based catalytic materials for the production of liquid fuels 2022 , 131-169		
130	Reusable Co-nanoparticles for general and selective -alkylation of amines and ammonia with alcohols.. <i>Chemical Science</i> , 2021 , 13, 111-117	9.4	5
129	Single-Atom (Iron-Based) Catalysts: Synthesis and Applications. <i>Chemical Reviews</i> , 2021 , 121, 13620-13698	38.1	23
128	Syntheses of N-Doped Carbon Quantum Dots (NCQDs) from Bioderived Precursors: A Timely Update. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 3-49	8.3	26
127	Single Co-Atoms as Electrocatalysts for Efficient Hydrazine Oxidation Reaction. <i>Small</i> , 2021 , 17, e2006477	7.1	16
126	Efficient and sustainable Co ₃ O ₄ nanocages based nickel catalyst: A suitable platform for the synthesis of quinoxaline derivatives. <i>Molecular Catalysis</i> , 2021 , 504, 111454	3.3	4
125	Carbon Nitride-Based Ruthenium Single Atom Photocatalyst for CO Reduction to Methanol. <i>Small</i> , 2021 , 17, e2006478	11	43
124	Single-Atom Catalysts. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100436	4.6	0
123	An Earth-Abundant Ni-Based Single-Atom Catalyst for Selective Photodegradation of Pollutants. <i>Solar Rrl</i> , 2021 , 5, 2100176	7.1	12
122	Unlocking the catalytic potency of a magnetic responsive CoFe ₂ O ₄ /Ni-BTC MOF composite for the sustainable synthesis of tri- and tetra-substituted imidazoles. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 7343-7355 ¹	7.8	1
121	Silver nanomaterials: synthesis and (electro/photo) catalytic applications. <i>Chemical Society Reviews</i> , 2021 , 50, 11293-11380	58.5	20
120	AgNWs-a-TiOx: a scalable wire bar coated core-shell nanocomposite as transparent thin film electrode for flexible electronics applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 6454-6464	2.1	3

119	Single-Atom Catalysts: A Sustainable Pathway for the Advanced Catalytic Applications. <i>Small</i> , 2021 , 17, e2006473	11	47
118	Convenient and Reusable Manganese-Based Nanocatalyst for Amination of Alcohols. <i>ChemCatChem</i> , 2021 , 13, 4334	5.2	4
117	Studies on individual pyrolysis and co-pyrolysis of corn cob and polyethylene: Thermal degradation behavior, possible synergism, kinetics, and thermodynamic analysis. <i>Science of the Total Environment</i> , 2021 , 783, 147004	10.2	25
116	Surface engineered Iridium-based magnetic photocatalyst paving a path towards visible light driven C-H arylation and cyanation reaction. <i>Journal of Catalysis</i> , 2021 , 401, 297-308	7.3	1
115	An advanced plasmonic photocatalyst containing silver(0) single atoms for selective borylation of aryl iodides. <i>Applied Catalysis B: Environmental</i> , 2021 , 299, 120674	21.8	3
114	The Hallmarks of Copper Single Atom Catalysts in Direct Alcohol Fuel Cells and Electrochemical CO ₂ Fixation. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2001822	4.6	19
113	Molybdenum-promoted cobalt supported on SBA-15: Steam and sulfur dioxide stable catalyst for CO oxidation. <i>Applied Catalysis B: Environmental</i> , 2020 , 277, 119248	21.8	18
112	Synthesis and Evaluation of Anticonvulsant Activity of Some Schiff Bases of 7-Amino-1,3-dihydro-2H-1,4-benzodiazepin-2-one. <i>Chemistry and Biodiversity</i> , 2020 , 17, e2000342	2.5	1
111	Bio-waste chitosan-derived N-doped CNT-supported Ni nanoparticles for selective hydrogenation of nitroarenes. <i>Dalton Transactions</i> , 2020 , 49, 10431-10440	4.3	20
110	N-Graphitic Modified Cobalt Nanoparticles Supported on Graphene for Tandem Dehydrogenation of AmmoniaBorane and Semihydrogenation of Alkynes. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 11058-11068	8.3	7
109	Ultra-small cobalt nanoparticles from molecularly-defined Co-salen complexes for catalytic synthesis of amines. <i>Chemical Science</i> , 2020 , 11, 2973-2981	9.4	21
108	Sustainable Synthesis of Nanoscale Zerovalent Iron Particles for Environmental Remediation. <i>ChemSusChem</i> , 2020 , 13, 3288-3305	8.3	19
107	Graphitic Carbon NitrideNickel Catalyst: From Material Characterization to Efficient Ethanol Electrooxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 7244-7255	8.3	20
106	Photo-oxidation Technologies for Advanced Water Treatment. <i>Applied Environmental Science and Engineering for A Sustainable Future</i> , 2020 , 221-255	0.5	1
105	Sulfonated dendritic mesoporous silica nanospheres: a metal-free Lewis acid catalyst for the upgrading of carbohydrates. <i>Green Chemistry</i> , 2020 , 22, 1754-1762	10	9
104	Mechanochemical synthesis of Cu ₂ S bonded 2D-sulfonated organic polymers: continuous production of dimethyl carbonate (DMC) via preheating of reactants. <i>Green Chemistry</i> , 2020 , 22, 5619-5627	10	9
103	Carbon-Based Single-Atom Catalysts for Advanced Applications. <i>ACS Catalysis</i> , 2020 , 10, 2231-2259	13.1	202
102	P- and F-co-doped Carbon Nitride Nanocatalysts for Photocatalytic CO Reduction and Thermocatalytic Furanics Synthesis from Sugars. <i>ChemSusChem</i> , 2020 , 13, 5231-5238	8.3	29

101	Functional Mesoporous Silica Nanomaterials for Catalysis and Environmental Applications. <i>Bulletin of the Chemical Society of Japan</i> , 2020 , 93, 1459-1496	5.1	57
100	Recent development of covalent organic frameworks (COFs): synthesis and catalytic (organic-electro-photo) applications. <i>Materials Horizons</i> , 2020 , 7, 411-454	14.4	153
99	Fe(0)-embedded thermally reduced graphene oxide as efficient nanocatalyst for reduction of nitro compounds to amines. <i>Chemical Engineering Journal</i> , 2020 , 382, 122469	14.7	28
98	Rapid and Scalable Wire-bar Strategy for Coating of TiO Thin-films: Effect of Post-Annealing Temperatures on Structures and Catalytic Dye-Degradation. <i>Molecules</i> , 2020 , 25,	4.8	3
97	Single-Atom Catalysis: Mixed-Valence Single-Atom Catalyst Derived from Functionalized Graphene (Adv. Mater. 17/2019). <i>Advanced Materials</i> , 2019 , 31, 1970125	24	5
96	Mixed-Valence Single-Atom Catalyst Derived from Functionalized Graphene. <i>Advanced Materials</i> , 2019 , 31, e1900323	24	76
95	Chapter 3:Support Morphology-dependent Activity of Nanocatalysts. <i>RSC Catalysis Series</i> , 2019 , 84-114	0.3	2
94	Phosphorene: Current status, challenges and opportunities. <i>Frontiers of Chemical Science and Engineering</i> , 2019 , 13, 296-309	4.5	10
93	Low temperature processed titanium oxide thin-film using scalable wire-bar coating. <i>Materials Research Express</i> , 2019 , 6, 126427	1.7	5
92	Recyclable Magnetic Microporous Organic Polymer (MOP) Encapsulated with Palladium Nanoparticles and Co/C Nanobeads for Hydrogenation Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 2388-2399	8.3	20
91	Significant enhancement of photoactivity in one-dimensional TiO ₂ nanorods modified by S-, N-, O-doped carbon nanosheets. <i>Catalysis Today</i> , 2019 , 328, 111-117	5.3	8
90	Utilization of Waste Biomass for the Synthesis of Functionalizable Support for Covalent Anchoring of Active Organo Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 3018-3026	8.3	16
89	Nitrogen-doped nanocarbons (NNCs): Current status and future opportunities. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2019 , 15, 67-76	7.9	14
88	Electrocatalytic methanol oxidation over Cu, Ni and bimetallic Cu-Ni nanoparticles supported on graphitic carbon nitride. <i>Applied Catalysis B: Environmental</i> , 2019 , 244, 272-283	21.8	161
87	An efficient copper-based magnetic nanocatalyst for the fixation of carbon dioxide at atmospheric pressure. <i>Scientific Reports</i> , 2018 , 8, 1901	4.9	49
86	Pt nanoparticles decorated TiO ₂ nanotubes for the reduction of olefins. <i>Applied Materials Today</i> , 2018 , 10, 86-92	6.6	13
85	Iron Oxide-Cobalt Nanocatalyst for --Boc Protection and Arylation of Phenols. <i>Nanomaterials</i> , 2018 , 8,	5.4	3
84	Hexagonal Mesoporous Silica Supported Ultrasmall Copper Oxides for Oxidative Amidation of Carboxylic Acids. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 12935-12945	8.3	10

83	Cobalt-entrenched N-, O-, and S-tridoped carbons as efficient multifunctional sustainable catalysts for base-free selective oxidative esterification of alcohols. <i>Green Chemistry</i> , 2018 , 20, 3542-3556	10	35
82	Significant Enhancement of Photoactivity in Hybrid TiO ₂ /g-C ₃ N ₄ Nanorod Catalysts Modified with CuNi-Based Nanostructures. <i>ACS Applied Nano Materials</i> , 2018 , 1, 2526-2535	5.6	31
81	Iron-Oxide-Supported Ultrasmall ZnO Nanoparticles: Applications for Transesterification, Amidation, and O-Acylation Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 3314-3320	8.3	16
80	Hexagonal Mesoporous Silica-Supported Copper Oxide (CuO/HMS) Catalyst: Synthesis of Primary Amides from Aldehydes in Aqueous Medium. <i>ChemPlusChem</i> , 2017 , 82, 467-473	2.8	16
79	Developments in the Reactivity of 2-Methylimidazolium Salts. <i>Journal of Organic Chemistry</i> , 2017 , 82, 6232-6241	4.2	6
78	Fe(III)-functionalized carbon dots: highly efficient photoluminescence redox catalyst for hydrogenations of olefins and decomposition of hydrogen peroxide. <i>Applied Materials Today</i> , 2017 , 7, 179-184	6.6	23
77	In Situ Generation of Pd-Pt Core-Shell Nanoparticles on Reduced Graphene Oxide (Pd@Pt/rGO) Using Microwaves: Applications in Dehalogenation Reactions and Reduction of Olefins. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 2815-2824	9.5	53
76	Synthesis of flower-like magnetite nanoassembly: Application in the efficient reduction of nitroarenes. <i>Scientific Reports</i> , 2017 , 7, 11585	4.9	32
75	xP Core-Shell Heterogeneous Nanoparticles as Efficient Oxygen Evolution Reaction Catalysts. <i>ACS Catalysis</i> , 2017 , 7, 7038-7042	13.1	111
74	Environmentally Benign Bioderived Carbon Microspheres-Supported Molybdena Nanoparticles as Catalyst for the Epoxidation Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 904-910	8.3	15
73	Continuous flow hydrogenation of nitroarenes, azides and alkenes using maghemite-Pd nanocomposites. <i>Catalysis Science and Technology</i> , 2016 , 6, 152-160	5.5	34
72	Role of Mixed Metal Oxides in Heterogeneous Catalysis 2016 , 1-19		3
71	Base-free Transfer Hydrogenation of Nitroarenes Catalyzed by Micro-mesoporous Iron Oxide. <i>ChemCatChem</i> , 2016 , 8, 2298-2298	5.2	3
70	Magnetic ZSM-5 zeolite: a selective catalyst for the valorization of furfuryl alcohol to γ -valerolactone, alkyl levulinates or levulinic acid. <i>Green Chemistry</i> , 2016 , 18, 5586-5593	10	47
69	Base-Free Transfer Hydrogenation of Nitroarenes Catalyzed by Micro-Mesoporous Iron Oxide. <i>ChemCatChem</i> , 2016 , 8, 2351-2355	5.2	35
68	Silica-Based Magnetic Manganese Nanocatalyst [Applications in the Oxidation of Organic Halides and Alcohols. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 1123-1130	8.3	50
67	Maghemite decorated with ultra-small palladium nanoparticles (Fe ₂ O ₃ @Pd): applications in the Heck-Mizoroki olefination, Suzuki reaction and allylic oxidation of alkenes. <i>Green Chemistry</i> , 2016 , 18, 2363-2373	10	79
66	Micro-mesoporous iron oxides with record efficiency for the decomposition of hydrogen peroxide: morphology driven catalysis for the degradation of organic contaminants. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 596-604	13	40

65	A Sustainable and Efficient Synthesis of Benzyl Phosphonates Using PEG/KI Catalytic System. <i>Frontiers in Chemistry</i> , 2016 , 4, 35	5	2
64	Pd@Pt Core-Shell Nanoparticles with Branched Dandelion-like Morphology as Highly Efficient Catalysts for Olefin Reduction. <i>Chemistry - A European Journal</i> , 2016 , 22, 1577-81	4.8	21
63	Magnetite (Ferrites)-Supported Nano-Catalysts: Sustainable Applications in Organic Transformations. <i>ACS Symposium Series</i> , 2016 , 39-78	0.4	5
62	Silica-Coated Magnetic Nano-Particles: Application in Catalysis. <i>ACS Symposium Series</i> , 2016 , 1-38	0.4	5
61	Cu and Cu-Based Nanoparticles: Synthesis and Applications in Catalysis. <i>Chemical Reviews</i> , 2016 , 116, 3722-811	68.1	1452
60	Fe ₃ O ₄ (iron oxide)-supported nanocatalysts: synthesis, characterization and applications in coupling reactions. <i>Green Chemistry</i> , 2016 , 18, 3184-3209	10	269
59	Synthesis of Iron Oxide Palladium Nanoparticles and Their Catalytic Applications for Direct Coupling of Acyl Chlorides with Alkynes. <i>ChemPlusChem</i> , 2016 , 81, 1312-1319	2.8	26
58	Gold nanoparticle-decorated graphene oxide: Synthesis and application in oxidation reactions under benign conditions. <i>Journal of Molecular Catalysis A</i> , 2016 , 424, 121-127		55
57	Silica-decorated magnetic nanocomposites for catalytic applications. <i>Coordination Chemistry Reviews</i> , 2015 , 288, 118-143	23.2	221
56	Graphite-supported ultra-small copper nanoparticles [Preparation, characterization and catalysis applications. <i>Carbon</i> , 2015 , 93, 974-983	10.4	43
55	Integrated nanocatalysts: a unique class of heterogeneous catalysts. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 8241-8245	13	47
54	Silica-nanosphere-based organic/inorganic hybrid nanomaterials: synthesis, functionalization and applications in catalysis. <i>Green Chemistry</i> , 2015 , 17, 3207-3230	10	159
53	Core-shell nanoparticles: synthesis and applications in catalysis and electrocatalysis. <i>Chemical Society Reviews</i> , 2015 , 44, 7540-90	58.5	696
52	Heterogeneously catalyzed strategies for the deconstruction of high density polyethylene: plastic waste valorisation to fuels. <i>Green Chemistry</i> , 2015 , 17, 146-156	10	53
51	Maghemite-Copper Nanocomposites: Applications for Ligand-Free Cross-Coupling (C _D , C _S , and C _N) Reactions. <i>ChemCatChem</i> , 2015 , 7, 3495-3502	5.2	46
50	Editorial (Thematic Issue: Sustainable Catalysts and Benign Organic Transformations). <i>Current Organic Chemistry</i> , 2015 , 19, 665-666	1.7	
49	Calcium phosphate nanocapsule crowned multiwalled carbon nanotubes for pH triggered intracellular anticancer drug release. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 3931-3939	7.3	17
48	Microwave-assisted synthesis [Catalytic applications in aqueous media. <i>Coordination Chemistry Reviews</i> , 2015 , 291, 68-94	23.2	112

47	A synthesis of copper based metal-organic framework for O-acetylation of alcohols. <i>Catalysis Communications</i> , 2014 , 44, 24-28	3.2	10
46	Solvent-free and catalysts-free chemistry: a benign pathway to sustainability. <i>ChemSusChem</i> , 2014 , 7, 24-44	8.3	215
45	Microwave-assisted chemistry: synthetic applications for rapid assembly of nanomaterials and organics. <i>Accounts of Chemical Research</i> , 2014 , 47, 1338-48	24.3	422
44	Magnetically retrievable MFe ₂ O ₄ spinel (M = Mn, Co, Cu, Ni, Zn) catalysts for oxidation of benzylic alcohols to carbonyls. <i>RSC Advances</i> , 2014 , 4, 6597	3.7	39
43	Iron Oxide-Supported Copper Oxide Nanoparticles (Nanocat-Fe-CuO): Magnetically Recyclable Catalysts for the Synthesis of Pyrazole Derivatives, 4-Methoxyaniline, and Ullmann-type Condensation Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 1699-1706	8.3	60
42	The Rise of Magnetically Recyclable Nanocatalysts. <i>ChemCatChem</i> , 2014 , 6, 3312-3313	5.2	119
41	Magnetic gold nanocatalyst (nanocat-FeAu): catalytic applications for the oxidative esterification and hydrogen transfer reactions. <i>Green Chemistry</i> , 2014 , 16, 4137-4143	10	67
40	Magnetically recyclable magnetite-palladium (Nanocat-FePd) nanocatalyst for the Buchwald-Hartwig reaction. <i>Green Chemistry</i> , 2014 , 16, 3494-3500	10	67
39	A mild route for one pot synthesis of 5,6-unsubstituted 1,4-dihydropyridines catalyzed by sulphated mixed metal oxides. <i>Catalysis Science and Technology</i> , 2014 , 4, 672-680	5.5	14
38	Greener iodination of arenes using sulphated ceria-zirconia catalysts in polyethylene glycol. <i>RSC Advances</i> , 2014 , 4, 6267	3.7	12
37	Current Trends in Aqueous Mediated Organic Synthesis 2014 , 03,		3
36	Sustainable Nanocatalysts for Organic Synthetic Transformations 2014 , 03,		3
35	Silica Sulfuric Acid and Related Solid-supported Catalysts as Versatile Materials for Greener Organic Synthesis. <i>Current Organic Synthesis</i> , 2014 , 11, 526-544	1.9	19
34	Sequential synthesis of β -amino alcohols using a CeO ₂ /rO ₂ bifunctional catalyst system. <i>Catalysis Science and Technology</i> , 2013 , 3, 1308	5.5	12
33	Sustainable Utility of Magnetically Recyclable Nano-Catalysts in Water: Applications in Organic Synthesis. <i>Applied Sciences (Switzerland)</i> , 2013 , 3, 656-674	2.6	74
32	Disproportionation route to monodispersed copper nanoparticles for the catalytic synthesis of propargylamines. <i>RSC Advances</i> , 2013 , 3, 19812	3.7	27
31	Catalytic applications of a versatile magnetically separable FeMo (Nanocat-FeMo) nanocatalyst. <i>Green Chemistry</i> , 2013 , 15, 682	10	72
30	First application of core-shell Ag@Ni magnetic nanocatalyst for transfer hydrogenation reactions of aromatic nitro and carbonyl compounds. <i>RSC Advances</i> , 2013 , 3, 1050-1054	3.7	78

29	Nano-magnetite (Fe ₃ O ₄) as a support for recyclable catalysts in the development of sustainable methodologies. <i>Chemical Society Reviews</i> , 2013 , 42, 3371-93	58.5	962
28	Benign by design: catalyst-free in-water, on-water green chemical methodologies in organic synthesis. <i>Chemical Society Reviews</i> , 2013 , 42, 5522-51	58.5	487
27	Magnetically recyclable magnetite@ceria (Nanocat-Fe-Ce) nanocatalyst applications in multicomponent reactions under benign conditions. <i>Green Chemistry</i> , 2013 , 15, 1226	10	135
26	Magnetically recyclable Fe ₂ O ₃ @AP nanoparticles for the cycloaddition reaction of alkynes, halides and azides in aqueous media. <i>RSC Advances</i> , 2013 , 3, 8184	3.7	35
25	Nano-MgO@ZrO ₂ mixed metal oxides: characterization by SIMS and application in the reduction of carbonyl compounds and in multicomponent reactions. <i>RSC Advances</i> , 2013 , 3, 3611	3.7	35
24	Magnetite-supported sulfonic acid: a retrievable nanocatalyst for the Ritter reaction and multicomponent reactions. <i>Green Chemistry</i> , 2013 , 15, 1895	10	152
23	A benign synthesis of 2-amino-4H-chromene in aqueous medium using hydrotalcite (HT) as a heterogeneous base catalyst. <i>Catalysis Science and Technology</i> , 2013 , 3, 2050	5.5	57
22	Ecofriendly and facile Nano ZnO catalyzed solvent-free enamination of 1,3-dicarbonyls. <i>Tetrahedron Letters</i> , 2012 , 53, 3857-3860	2	30
21	Green synthesis and anti-infective activities of fluorinated pyrazoline derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 5727-30	2.9	45
20	Regio- and chemoselective reduction of nitroarenes and carbonyl compounds over recyclable magnetic ferrite-nickel nanoparticles (Fe ₃ O ₄ -Ni) by using glycerol as a hydrogen source. <i>Chemistry - A European Journal</i> , 2012 , 18, 12628-32	4.8	152
19	A Recyclable Ferrite@Magnetic Nanocatalyst for the Oxidation of Alcohols to Carbonyl Compounds. <i>ChemPlusChem</i> , 2012 , 77, 865-871	2.8	67
18	A facile synthesis of cysteine@ferrite magnetic nanoparticles for application in multicomponent reactions: a sustainable protocol. <i>RSC Advances</i> , 2012 , 2, 6144	3.7	88
17	Role of mixed metal oxides in catalysis science: versatile applications in organic synthesis. <i>Catalysis Science and Technology</i> , 2012 , 2, 1113	5.5	278
16	Mixed metal MgO@ZrO ₂ nanoparticle-catalyzed O-tert-Boc protection of alcohols and phenols under solvent-free conditions. <i>Applied Organometallic Chemistry</i> , 2012 , 26, 395-400	3.1	48
15	A One Pot Green Synthesis of 3,4 Dihydropyrimidin-2-(1H)-ones/Thiones Catalyzed By MgO-ZrO ₂ Under Solvent-Free Conditions. <i>Letters in Organic Chemistry</i> , 2012 , 9, 12-18	0.6	8
14	Synthesis and characterization of versatile MgO@ZrO ₂ mixed metal oxide nanoparticles and their applications. <i>Catalysis Science and Technology</i> , 2011 , 1, 1653	5.5	117
13	An efficient and expeditious Fmoc protection of amines and amino acids in aqueous media. <i>Green Chemistry</i> , 2011 , 13, 3355	10	84
12	A New Synthesis of TE2A-a Potential Bifunctional Chelator for (64)Cu. <i>Nuclear Medicine and Molecular Imaging</i> , 2010 , 44, 185-92	1.9	13

11	Cross-aldol and Knoevenagel condensation reactions in aqueous micellar media. <i>Catalysis Communications</i> , 2008 , 9, 1010-1016	3.2	38
10	Synthesis of bis(indolyl)methanes catalyzed by surface modified zirconia. <i>Catalysis Communications</i> , 2008 , 9, 1728-1733	3.2	28
9	A catalyst-free N-benzyloxycarbonylation of amines in aqueous micellar media at room temperature. <i>Tetrahedron Letters</i> , 2008 , 49, 4799-4803	2	18
8	A novel N-alkylation of amines by alkyl halides on mixed oxides at room temperature. <i>Catalysis Communications</i> , 2007 , 8, 576-582	3.2	26
7	Chemoselective transfer hydrogenation reactions over nanosized $\gamma\text{-Fe}_2\text{O}_3$ catalyst prepared by novel combustion route. <i>Catalysis Communications</i> , 2007 , 8, 1803-1806	3.2	76
6	An efficient and chemoselective Cbz-protection of amines using silica-sulfuric acid at room temperature. <i>Tetrahedron Letters</i> , 2007 , 48, 8170-8173	2	34
5	$\text{SO}_4^{2-}/\text{SnO}_2$: Efficient, Chemoselective, and Reusable Catalyst for Acylation of Alcohols, Phenols, and Amines at Room Temperature. <i>Synthetic Communications</i> , 2007 , 37, 3011-3020	1.7	7
4	A novel catalyst for the Knoevenagel condensation of aldehydes with malononitrile and ethyl cyanoacetate under solvent free conditions. <i>Catalysis Communications</i> , 2006 , 7, 931-935	3.2	103
3	A novel sol-gel synthesized catalyst for Friedel-Crafts benzoylation reaction under solvent-free conditions. <i>Journal of Molecular Catalysis A</i> , 2005 , 241, 151-155		42
2	Chemistry of magnetic covalent organic frameworks (MagCOFs): From synthesis to separation applications. <i>Materials Advances</i> ,	3.3	2
1	A Review on Synthesis and Applications of Sustainable Copper-Based Nanocomposites. <i>Green Chemistry</i> ,	10	2