Sk Manirul Islam

List of Publications by Year
in descending order

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160 papers	4,288 citations	100601 38 h-index	190340 53 g-index
163 all docs	163 docs citations	163 times ranked	4865 citing authors

#	Article	IF	Citations
1	A Zn(<scp>ii</scp>)-functionalized COF as a recyclable catalyst for the sustainable synthesis of cyclic carbonates and cyclic carbamates from atmospheric CO₂. Organic and Biomolecular Chemistry, 2022, 20, 1707-1722.	1.5	18
2	Porous organic polymer (POP) nanosheets: an efficient photo-catalyst for visible-light assisted CO₂ reduction. Materials Advances, 2022, 3, 3165-3173.	2.6	17
3	Sustainable synthesis of drug intermediates via simultaneous utilization of carbon monoxide and ammonia over Pd@La-MOF. Molecular Catalysis, 2022, 522, 112212.	1.0	5
4	Diformylphloroglucinol derived imine based covalent organic frameworks (PHTA) as efficient organocatalyst for conversion of isocyanates to urea derivatives. Molecular Catalysis, 2022, 522, 112213.	1.0	2
5	Visible-light-driven sustainable conversion of carbon dioxide to methanol using a metal-free covalent organic framework as a recyclable photocatalyst. Catalysis Science and Technology, 2022, 12, 3484-3497.	2.1	13
6	Visible Lightâ€Ðriven Carboxylation of Olefins by Using 2D Metalâ€Free Covalent Organic Framework as Intrinsic Photocatalyst: A Sustainable Approach for CO₂ Utilization. ChemCatChem, 2022, 14, .	1.8	7
7	Successful CO₂ reduction under visible light photocatalysis using porous NiO nanoparticles, an atypical metal oxide. New Journal of Chemistry, 2022, 46, 10806-10813.	1.4	2
8	A study of contemporary progress relating to COF materials for CO₂capture and fixation reactions. Materials Advances, 2022, 3, 5575-5597.	2.6	18
9	Heterogeneously Catalysed Hydroamination. ChemCatChem, 2021, 13, 1089-1104.	1.8	19
10	Visible light assisted chemical fixation of atmospheric CO2 into cyclic Carbonates using covalent organic framework as a potential photocatalyst. Molecular Catalysis, 2021, 499, 111253.	1.0	34
11	Light-induced carboxylation of aryl derivatives with cooperative COF as an active photocatalyst and Ni(<scp>ii</scp>) co-catalyst. New Journal of Chemistry, 2021, 45, 4738-4745.	1.4	17
12	Chemical Fixation of Carbon Dioxide by Heterogeneous Porous Catalysts. ChemNanoMat, 2021, 7, 580-591.	1.5	18
13	Zn(II)-Embedded Nanoporous Covalent Organic Frameworks for Catalytic Conversion of CO₂ under Solvent-Free Conditions. ACS Applied Nano Materials, 2021, 4, 7663-7674.	2.4	41
14	CuO grafted triazine functionalized covalent organic framework as an efficient catalyst for C-C homo coupling reaction. Molecular Catalysis, 2020, 480, 110650.	1.0	33
15	Catalytic formation of N3-substituted quinazoline-2,4(1H,3H)-diones by Pd(<scp>ii</scp>)EN@GO composite and its mechanistic investigations through DFT calculations. New Journal of Chemistry, 2020, 44, 141-151.	1.4	26
16	Zn(<scp>ii</scp>)@TFP-DAQ COF: an efficient mesoporous catalyst for the synthesis of N-methylated amine and carbamate through chemical fixation of CO₂. New Journal of Chemistry, 2020, 44, 744-752.	1.4	34
17	POP-Pd(<scp>ii</scp>) catalyzed easy and safe in situ carbonylation towards the synthesis of Î±-ketoamides from secondary cyclic amines utilizing CHCl₃ as a carbon monoxide surrogate. New Journal of Chemistry, 2020, 44, 1979-1987.	1.4	10
18	Pd NPs Decorated on POPs as Recyclable Catalysts for the Synthesis of 2â€Oxazolidinones from Propargylic Amines via Atmospheric Cyclizative CO₂ Incorporation. ChemNanoMat, 2020, 6, 160-172.	1.5	29

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19	Silver Nanoparticles Architectured HMP as a Recyclable Catalyst for Tetramic Acid and Propiolic Acid Synthesis through CO₂ Capture at Atmospheric Pressure. ChemCatChem, 2020, 12, 1055-1067.	1.8	24
20	Porous organic polymer as an efficient organocatalyst for the synthesis of biofuel ethyl levulinate. Molecular Catalysis, 2020, 494, 111119.	1.0	9
21	One-Pot Green Synthesis of AgNPs@RGO for Removal of Water Pollutant and Chemical Fixation of CO2 Under Mild Reaction Conditions. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 5270-5282.	1.9	4
22	Macroporous polystyrene degraded and functionalized chromium MPS-Cr(<scp>iii</scp>)-alen complex as a sustainable porous catalyst for CO₂fixation under atmospheric pressure and selective oxidation of aromatic alkenes. New Journal of Chemistry, 2020, 44, 13852-13862.	1.4	2
23	In Situ Carbonylative Synthesis of Aromatic Esters and Formation of Quinazolineâ€2,4(1H,3H)â€diones by Chemical Fixation of CO₂ in Assistance of Polymerâ€Supported Palladium Catalyst. ChemistrySelect, 2020, 5, 10355-10366.	0.7	1
24	Catalytic conversions of isocyanate to urea and glucose to levulinate esters over mesoporous Î±-Ti(HPO₄)₂Â·H₂O in green media. New Journal of Chemistry, 2020, 44, 16452-16460.	1.4	6
25	Cu/Cu_xO_y NPs architectured COF: a recyclable catalyst for the synthesis of oxazolidinedione via atmospheric cyclizative CO₂ utilization. Chemical Communications, 2020, 56, 12202-12205.	2.2	25
26	Triazinetriamine-derived porous organic polymer-supported copper nanoparticles (Cu-NPs@TzTa-POP): an efficient catalyst for the synthesis of N-methylated products via CO₂ fixation and primary carbamates from alcohols and urea. New Journal of Chemistry, 2020, 44, 15446-15458.	1.4	22
27	A nanoporous covalent organic framework for the green-reduction of CO₂ under visible light in water. New Journal of Chemistry, 2020, 44, 11720-11726.	1.4	23
28	Application of Ag/TFPG-DMB COF in carbamates synthesis via CO2 fixation reaction and one-pot reductive N-formylation of nitroarenes under sunlight. Molecular Catalysis, 2020, 493, 111050.	1.0	19
29	Green Synthesized AgNPs Embedded in COF: An Efficient Catalyst for the Synthesis of 2â€Oxazolidinones and Î±â€Alkylidene Cyclic Carbonates via CO₂ Fixation. ChemNanoMat, 2020, 6, 1386-1397.	1.5	38
30	Morphology of ZnO triggered versatile catalytic reactions towards CO2 fixation and acylation of amines at optimized reaction conditions. Molecular Catalysis, 2020, 493, 111070.	1.0	9
31	Synthesis of benzimidazolones via CO₂ fixation and N-phenyl formamides using formic acid in presence of zinc embedded polymer complex. New Journal of Chemistry, 2020, 44, 12680-12691.	1.4	14
32	A facile route to transfer Cu nanoparticles to organic medium for better stabilization and improved photocatalytic activity towards N-formylation reaction. Nanotechnology, 2020, 31, 395605.	1.3	2
33	Cu-NPs@COF: A potential heterogeneous catalyst for CO2 fixation to produce 2-oxazolidinones as well as benzimidazoles under moderate reaction conditions. Journal of CO2 Utilization, 2020, 40, 101180.	3.3	53
34	Utility of Silver Nanoparticles Embedded Covalent Organic Frameworks as Recyclable Catalysts for the Sustainable Synthesis of Cyclic Carbamates and 2-Oxazolidinones via Atmospheric Cyclizative CO₂ Capture. ACS Sustainable Chemistry and Engineering, 2020, 8, 5495-5513.	3.2	73
35	Xâ€ray structurally characterized Mo (VI), Fe (III) and Cu (II) complexes of amideâ€imine conjugate: (bio)catalytic and histidine recognition studies. Applied Organometallic Chemistry, 2020, 34, e5823.	1.7	5
36	AgNPs encapsulated by an amine-functionalized polymer nanocatalyst for CO₂fixation as a carboxylic acid and the oxidation of cyclohexane under ambient conditions. New Journal of Chemistry, 2020, 44, 5448-5456.	1.4	20

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37	Mesoporous covalent organic framework: An active photo-catalyst for formic acid synthesis through carbon dioxide reduction under visible light. Molecular Catalysis, 2020, 484, 110730.	1.0	45
38	An efficient one-pot synthesis of industrially valuable primary organic carbamates and N-substituted ureas by a reusable Merrifield anchored iron(<scp>ii</scp>)-anthra catalyst [FeII(Anthra-Merf)] using urea as a sustainable carbonylation source. New Journal of Chemistry, 2020, 44, 2630-2643.	1.4	18
39	Zinc (II) incorporated porous organic polymeric material (POPs): A mild and efficient catalyst for synthesis of dicoumarols and carboxylative cyclization of propargyl alcohols and CO2 in ambient conditions. Molecular Catalysis, 2019, 477, 110541.	1.0	18
40	Catalytic synthesis of benzimidazoles and organic carbamates using a polymer supported zinc catalyst through CO₂ fixation. New Journal of Chemistry, 2019, 43, 14643-14652.	1.4	37
41	Catalytic synthesis of organic cyclic carbonate through CO2 fixation and production of Î²-amino alcohol via ring opening of epoxides under green condition by polystyrene embedded Al(III) catalyst. Journal of Organometallic Chemistry, 2019, 898, 120877.	0.8	25
42	Chiral Cr(III)-salen complex embedded over sulfonic acid functionalized mesoporous SBA-15 material as an efficient catalyst for the asymmetric Henry reaction. Molecular Catalysis, 2019, 475, 110489.	1.0	8
43	Naphthalene Based Amideâ€imine Derivative and its Dinuclear Vanadium Complex: Structures, Atmospheric CO₂ Fixation and Theoretical Support. ChemistrySelect, 2019, 4, 10254-10259.	0.7	4
44	CuxOy@COF: An efficient heterogeneous catalyst system for CO2 cycloadditions under ambient conditions. Journal of CO2 Utilization, 2019, 34, 533-542.	3.3	42
45	Nanoporous ZnO Supported CuBr (CuBr/ZnO): An Efficient Catalyst for CO₂ Fixation Reactions. ChemistrySelect, 2019, 4, 1069-1077.	0.7	28
46	Enhancing the radiotherapeutic index of gamma radiation on cervical cancer cells by gold nanoparticles. Gold Bulletin, 2019, 52, 185-196.	1.1	6
47	Titanium Phosphate with Flower-like Morphology As an Effective Reusable Catalyst for Chemical Fixation of CO₂ at Mild Reaction Conditions. Industrial & Engineering Chemistry Research, 2019, 58, 11779-11786.	1.8	32
48	Polymer-incarcerated palladium-catalyzed facile in situ carbonylation for the synthesis of aryl aldehydes and diaryl ketones using CO surrogates under ambient conditions. New Journal of Chemistry, 2019, 43, 9802-9814.	1.4	7
49	Development of a polymer embedded reusable heterogeneous oxovanadium(IV) catalyst for selective oxidation of aromatic alkanes and alkenes using green oxidant. Inorganica Chimica Acta, 2019, 492, 198-212.	1.2	20
50	Ag NPs decorated on a COF in the presence of DBU as an efficient catalytic system for the synthesis of tetramic acids via CO₂ fixation into propargylic amines at atmospheric pressure. Dalton Transactions, 2019, 48, 4657-4666.	1.6	67
51	Palladium Grafted Functionalized Nanomaterial: An Efficient Catalyst for the CO₂ Fixation of Amines and Production of Organic Carbamates. ChemistrySelect, 2019, 4, 3961-3972.	0.7	14
52	Study of catalytic activity of a polymerâ€supported Ce catalyst for the synthesis of biofuels and Î²â€amino alcohol derivatives under ambient condition. Journal of Applied Polymer Science, 2019, 136, 47650.	1.3	5
53	Reduction of carbon dioxide with mesoporous SnO₂ nanoparticles as active photocatalysts under visible light in water. Catalysis Science and Technology, 2019, 9, 6566-6569.	2.1	24
54	A Sulfonated Porous Polymer as Solid Acid Catalyst for Biofuel Synthesis and Chemical Fixation of CO 2. ChemistrySelect, 2019, 4, 14315-14328.	0.7	13

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55	Modified Graphene Oxide Based Zinc Composite: an Efficient Catalyst for Nâ€formylation and Carbamate Formation Reactions Through CO₂ Fixation. ChemCatChem, 2019, 11, 1303-1312.	1.8	49
56	Polymer supported triazine based palladium complex catalyzed double carbonylation reaction of halo aryl compounds for the synthesis of Î±-ketoamides. Journal of Organometallic Chemistry, 2019, 882, 18-25.	0.8	7
57	Chloromethylated polystyrene immobilized ruthenium complex of 2-(2-pyridyl)benzimidazole catalyst for the synthesis of bioactive disubstituted ureas by carbonylation reaction. New Journal of Chemistry, 2018, 42, 9168-9176.	1.4	26
58	A facile synthesis strategy to couple porous nanocubes of CeO₂ with Ag nanoparticles: an excellent catalyst with enhanced reactivity for the â€˜click reactionâ€™ and carboxylation of terminal alkynes. New Journal of Chemistry, 2018, 42, 7314-7325.	1.4	17
59	Use of PS-Zn-anthra complex as an efficient heterogeneous recyclable catalyst for carbon dioxide fixation reaction at atmospheric pressure and synthesis of dicoumarols under greener pathway. Journal of Organometallic Chemistry, 2018, 866, 1-12.	0.8	24
60	Synthesis, structure and catalytic activities of nickel(II) complexes bearing N4 tetradentate Schiff base ligand. Journal of Molecular Structure, 2018, 1160, 9-19.	1.8	14
61	Use of an efficient polystyreneâ€supported cerium catalyst for oneâ€pot multicomponent synthesis of spiroâ€piperidine derivatives and click reactions in green solvent. Applied Organometallic Chemistry, 2018, 32, e4227.	1.7	14
62	Polymer-anchored [Fe(III)Azo] complex: An efficient reusable catalyst for oxidative bromination and multi-components reaction for the synthesis of spiropiperidine derivatives. Journal of Organometallic Chemistry, 2018, 858, 37-46.	0.8	15
63	Designing of a New Heterogeneous Polymer Supported Naphthyl-Azo Iron Catalyst for the Selective Oxidation of Substituted Methyl Benzenes. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 1158-1170.	1.9	10
64	Polystyrene supported Zinc complex as an efficient catalyst for cyclic carbonate formation via CO2 fixation under atmospheric pressure and organic carbamates production. Molecular Catalysis, 2018, 452, 129-137.	1.0	51
65	Porous iron-phosphonate nanomaterial as an efficient catalyst for the CO 2 fixation at atmospheric pressure and esterification of biomass-derived levulinic acid. Catalysis Today, 2018, 309, 253-262.	2.2	41
66	Synthesis and architecture of polystyrene-supported Schiff base-palladium complex: Catalytic features and functions in diaryl urea preparation in conjunction with Suzuki-Miyaura cross-coupling reaction by reductive carbonylation. Journal of Organometallic Chemistry, 2018, 877, 37-50.	0.8	14
67	Exploring (bio)catalytic activities of structurally characterised Cu(<scp>ii</scp>) and Mn(<scp>iii</scp>) complexes: histidine recognition and photocatalytic application of Cu(<scp>ii</scp>) complex and derived CuO nano-cubes. Dalton Transactions, 2018, 47, 14008-14016.	1.6	6
68	Magnesium oxide as an efficient catalyst for CO 2 fixation and N-formylation reactions under ambient conditions. Molecular Catalysis, 2018, 450, 46-54.	1.0	63
69	Sustainable Generation of Ni(OH)₂ Nanoparticles for the Green Synthesis of 5-Substituted 1H-Tetrazoles: A Competent Turn on Fluorescence Sensing of H₂O₂. ACS Omega, 2018, 3, 8169-8180.	1.6	41
70	Pd NP-Decorated N-Rich Porous Organic Polymer as an Efficient Catalyst for Upgradation of Biofuels. ACS Omega, 2018, 3, 7639-7647.	1.6	19
71	Flower-like AgNPs@m-MgO as an excellent catalyst for CO₂ fixation and acylation reactions under ambient conditions. New Journal of Chemistry, 2018, 42, 14194-14202.	1.4	44
72	Chiral copper-salen complex grafted over functionalized mesoporous silica as an efficient catalyst for asymmetric Henry reactions and synthesis of the potent drug (R)-isoproterenol. New Journal of Chemistry, 2018, 42, 11896-11904.	1.4	19

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73	Silver nanoparticles supported over mesoporous alumina as an efficient nanocatalyst for N-alkylation of hetero (aromatic) amines and aromatic amines using alcohols as alkylating agent. Journal of Colloid and Interface Science, 2017, 493, 206-217.	5.0	21
74	Pd Nanoparticles Decorated on Hypercrosslinked Microporous Polymer: A Highly Efficient Catalyst for the Formylation of Amines through Carbon Dioxide Fixation. ChemCatChem, 2017, 9, 1939-1946.	1.8	79
75	Acid-Functionalized Mesoporous SBA-15â€‰as an Efficient Heterogeneous Organocatalyst for the Green Synthesis of Î²-Amino Alcohol Derivatives. ChemistrySelect, 2017, 2, 2159-2165.	0.7	7
76	Functionalized SBA-15 material with grafted CO2H group as an efficient heterogeneous acid catalyst for the fixation of CO2 on epoxides under atmospheric pressure. Molecular Catalysis, 2017, 434, 25-31.	1.0	29
77	Biogenic Nano-CuO-Catalyzed Facile Câ€“N Cross-Coupling Reactions: Scope and Mechanism. ACS Sustainable Chemistry and Engineering, 2017, 5, 648-657.	3.2	48
78	Palladium nanoparticles embedded over mesoporous TiO₂ for chemical fixation of CO₂ under atmospheric pressure and solvent-free conditions. New Journal of Chemistry, 2017, 41, 12937-12946.	1.4	39
79	Silica Functionalized Magnetic Nickel Ferrite Nanoparticles as an Efficient Recyclable Catalyst for S-Arylation in Aqueous Medium. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 1730-1739.	1.9	7
80	Palladium nanoparticles embedded on mesoporous TiO2 material (Pd@MTiO2) as an efficient heterogeneous catalyst for Suzuki-Coupling reactions in water medium. Journal of Colloid and Interface Science, 2017, 508, 378-386.	5.0	42
81	Heterogeneous Route for the One-Pot Synthesis of N-Arylamides from Aldoximes and Aryl Halides Using the CuO/Carbon Material. ACS Omega, 2017, 2, 8600-8609.	1.6	5
82	Mesoporous Zirconium Oxophosphate: An Efficient Catalyst for the Synthesis of Cyclic Acetals and Cyclic Carbonates under Solventâ€Free Conditions. ChemistrySelect, 2017, 2, 10595-10602.	0.7	7
83	Catalytic Activity of Crystallographically Characterized Organicâ€“Inorganic Hybrid Containing 1,5-Di-amino-pentane Tetrachloro Manganate with Perovskite Type Structure. Catalysis Letters, 2017, 147, 2332-2339.	1.4	21
84	Silver nanoparticles supported over Al 2 O 3 @Fe 2 O 3 core-shell nanoparticles as an efficient catalyst for one-pot synthesis of 1,2,3-triazoles and acylation of benzyl alcohol. Molecular Catalysis, 2017, 439, 31-40.	1.0	34
85	Melamine paraformaldehyde-based organic mesoporous polymer grafted silver nanoparticles catalyzed nitroarenes reduction under aqueous medium. Natural Resources & Engineering, 2017, 2, 13-22.	0.3	1
86	Synthesis, Characterization and Catalytic Studies of Heterogeneous Oxoâ€Vanadium(IV) Schiff base Catalyst for Activation of Benzylic Câ€H bonds of Alkanes. ChemistrySelect, 2016, 1, 6797-6804.	0.7	5
87	Functionalized Polystyrene Supported Copper(I) Complex as an Effective and Reusable Catalyst for Propargylamines Synthesis in Aqueous Medium. Catalysis Letters, 2016, 146, 1128-1138.	1.4	38
88	Ruthenium nanoparticles supported on N-containing mesoporous polymer catalyzed aerobic oxidation of biomass-derived 5-hydroxymethylfurfural (HMF) to 2,5-diformylfuran (DFF). Applied Catalysis A: General, 2016, 520, 44-52.	2.2	60
89	A route for direct transformation of aryl halides to benzyl alcohols via carbon dioxide fixation reaction catalyzed by a (Pd@N-GMC) palladium nanoparticle encapsulated nitrogen doped mesoporous carbon material. Green Chemistry, 2016, 18, 4649-4656.	4.6	29
90	Nitrogen-Doped Mesoporous Carbon Material (N-GMC) as a Highly Efficient Catalyst for Carbon Dioxide Fixation Reaction with Epoxides under metal-free condition. ChemistrySelect, 2016, 1, 3100-3107.	0.7	25

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91	New Hybrid Iron Phosphonate Material as an Efficient Catalyst for the Synthesis of Adipic Acid in Air and Water. ACS Sustainable Chemistry and Engineering, 2016, 4, 7147-7157.	3.2	44
92	A new recyclable functionalized mesoporous SBA-15 catalyst grafted with chiral Fe(<scp>iii</scp>) sites for the enantioselective aminolysis of racemic epoxides under solvent free conditions. RSC Advances, 2016, 6, 97599-97605.	1.7	8
93	Ruthenium nanoparticles supported over mesoporous TiO₂ as an efficient bifunctional nanocatalyst for esterification of biomass-derived levulinic acid and transfer-hydrogenation reactions. RSC Advances, 2016, 6, 73440-73449.	1.7	16
94	Organic Solid Acid Catalyst for Efficient Conversion of Furfuryl Alcohol to Biofuels. ChemistrySelect, 2016, 1, 6079-6085.	0.7	9
95	Copper(ii) incorporated functionalized polystyrene catalyzed N-arylation of amides under solvent free condition with broad substrate scope. RSC Advances, 2016, 6, 109692-109701.	1.7	11
96	Chiral Co(<scp>iii</scp>)â€“salen complex supported over highly ordered functionalized mesoporous silica for enantioselective aminolysis of racemic epoxides. RSC Advances, 2016, 6, 109315-109321.	1.7	23
97	Silver nanoparticles embedded over porous metal organic frameworks for carbon dioxide fixation via carboxylation of terminal alkynes at ambient pressure. Journal of Colloid and Interface Science, 2016, 477, 220-229.	5.0	83
98	CO₂ fixation at atmospheric pressure: porous ZnSnO₃ nanocrystals as a highly efficient catalyst for the synthesis of cyclic carbonates. RSC Advances, 2016, 6, 31153-31160.	1.7	56
99	Mesoporous polyacrylic acid supported silver nanoparticles as an efficient catalyst for reductive coupling of nitrobenzenes and alcohols using glycerol as hydrogen source. Journal of Colloid and Interface Science, 2016, 472, 202-209.	5.0	27
100	Ag@polypyrrole: A highly efficient nanocatalyst for the N-alkylation of amines using alcohols. Journal of Colloid and Interface Science, 2016, 467, 291-299.	5.0	24
101	Polymeric Î²-alanine incarcerated Pd(ii) catalyzed allylic etherification in water: a mild and efficient method for the formation of C(sp3)â€“O bonds. RSC Advances, 2016, 6, 8282-8289.	1.7	14
102	A new chiral Fe(<scp>iii</scp>)â€“salen grafted mesoporous catalyst for enantioselective asymmetric ring opening of racemic epoxides at room temperature under solvent-free conditions. Chemical Communications, 2016, 52, 1871-1874.	2.2	45
103	Mesoporous Titaniaâ€Iron(III) Oxide with Nanoscale Porosity and High Catalytic Activity for the Synthesis of Î²â€Amino Alcohols and Benzimidazole Derivatives. ChemCatChem, 2015, 7, 2689-2697.	1.8	38
104	Solvent selective phenyl selenylation and phenyl tellurylation of aryl boronic acids catalyzed by Cu(II) grafted functionalized polystyrene. Tetrahedron Letters, 2015, 56, 779-783.	0.7	26
105	Nitrogen enriched mesoporous organic polymer anchored copper(<scp>ii</scp>) material: an efficient and reusable catalyst for the synthesis of esters and amides from aromatic systems. Dalton Transactions, 2015, 44, 6546-6559.	1.6	19
106	A highly active recyclable goldâ€“graphene nanocomposite material for oxidative esterification and Suzuki cross-coupling reactions in green pathway. Journal of Colloid and Interface Science, 2015, 459, 97-106.	5.0	38
107	Suzukiâ€“Miyaura reaction by heterogeneously supported Pd in water: recent studies. RSC Advances, 2015, 5, 42193-42221.	1.7	123
108	Zn(<scp>ii</scp>) assisted synthesis of porous salen as an efficient heterogeneous scaffold for capture and conversion of CO₂. Chemical Communications, 2015, 51, 15732-15735.	2.2	116

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109	Polymer anchored ruthenium complex: A highly active and recyclable catalyst for one-pot azideâ€“alkyne cycloaddition and transfer-hydrogenation of ketones under mild conditions. Journal of Organometallic Chemistry, 2015, 776, 170-179.	0.8	31
110	Direct oxidative esterification of alcohols and hydration of nitriles catalyzed by a reusable silver nanoparticle grafted onto mesoporous polymelamine formaldehyde (AgNPs@mPMF). Catalysis Science and Technology, 2015, 5, 1606-1622.	2.1	22
111	An aerobic oxidative synthesis of aryl nitriles and primary aryl amides from benzylic alcohols catalyzed by a polymer supported Cu(<scp>ii</scp>) complex. New Journal of Chemistry, 2015, 39, 921-930.	1.4	38
112	Polymer supported rhodium carbonyl complex catalyzed carbonylation of glycerol for the synthesis of carboxylic acids. Journal of Molecular Catalysis A, 2015, 396, 268-274.	4.8	10
113	Polymerâ€anchored Ru(II) complex as an efficient catalyst for the synthesis of primary amides from nitriles and of secondary amides from alcohols and amines. Applied Organometallic Chemistry, 2014, 28, 900-907.	1.7	13
114	Oxidation and Oxidative Bromination Reactions Catalyzed By a Reusable Polymer-Anchored Iron(III) Complex in Water at Room Temperature. Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 457-467.	1.9	12
115	Cu(II)-anchored functionalized mesoporous SBA-15: An efficient and recyclable catalyst for the one-pot Click reaction in water. Journal of Molecular Catalysis A, 2014, 386, 78-85.	4.8	64
116	Pd-grafted porous metalâ€“organic framework material as an efficient and reusable heterogeneous catalyst for Câ€“C coupling reactions in water. Applied Catalysis A: General, 2014, 469, 320-327.	2.2	134
117	Cu(<scp>ii</scp>) anchored nitrogen-rich covalent imine network (Cu^{II}-CIN-1): an efficient and recyclable heterogeneous catalyst for the synthesis of organoselenides from aryl boronic acids in a green solvent. RSC Advances, 2014, 4, 46075-46083.	1.7	43
118	Synthesis of a reusable polymer anchored cobalt(II) complex for theÂaerobic oxidation of alkyl aromatics and unsaturated organic compounds. Journal of Organometallic Chemistry, 2014, 774, 61-69.	0.8	17
119	A novel silver nanoparticle embedded mesoporous polyaniline (mPANI/Ag) nanocomposite as a recyclable catalyst in the acylation of amines and alcohols under solvent free conditions. RSC Advances, 2014, 4, 42670-42681.	1.7	26
120	Ag-grafted covalent imine network material for one-pot three-component coupling and hydration of nitriles to amides in aqueous medium. RSC Advances, 2014, 4, 47593-47604.	1.7	49
121	Mesoporous poly-melamine-formaldehyde stabilized palladium nanoparticle (Pd@mPMF) catalyzed mono and double carbonylation of aryl halides with amines. RSC Advances, 2014, 4, 48177-48190.	1.7	43
122	Polystyrene anchored ruthenium(II) complex catalyzed carbonylation of nitrobenzene and amines for the synthesis of disubstituted ureas. Journal of Organometallic Chemistry, 2014, 772-773, 152-160.	0.8	16
123	Synthesis of silverâ€“graphene nanocomposite and its catalytic application for the one-pot three-component coupling reaction and one-pot synthesis of 1,4-disubstituted 1,2,3-triazoles in water. RSC Advances, 2014, 4, 10001.	1.7	99
124	Chromium(vi) grafted mesoporous polyaniline as a reusable heterogeneous catalyst for oxidation reactions in aqueous medium. RSC Advances, 2014, 4, 15431.	1.7	28
125	Polymer supported Pd catalyzed carbonylation of aryl bromides for the synthesis of aryl esters and amides. RSC Advances, 2014, 4, 38986-38999.	1.7	20
126	Polymer supported Pd catalyzed thioester synthesis via carbonylation of aryl halides under phosphine free conditions. RSC Advances, 2014, 4, 26181-26192.	1.7	45

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127	Graphene based material as a base catalyst for solvent free Aldol condensation and Knoevenagel reaction at room temperature. Journal of Molecular Catalysis A, 2014, 394, 66-73.	4.8	81
128	Silver nanoparticles embedded over mesoporous organic polymer as highly efficient and reusable nanocatalyst for the reduction of nitroarenes and aerobic oxidative esterification of alcohols. Applied Catalysis A: General, 2014, 477, 184-194.	2.2	79
129	Aerobic oxidation and oxidative bromination in aqueous medium using polymer anchored oxovanadium complex. Journal of Organometallic Chemistry, 2014, 761, 169-178.	0.8	14
130	Selective Oxidation of Organic Substrates in Presence of H2O2 using a Polymer-Anchored Iron(III)-Ferrocene Complex. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 560-570.	1.9	15
131	Polymer anchored Cu(ii) complex: an efficient and recyclable catalytic system for the one-pot synthesis of 1,4-disubstituted 1,2,3-triazoles starting from anilines in water. Green Chemistry, 2013, 15, 2532.	4.6	45
132	Efficient and reusable graphene-Î³-Fe2O3 magnetic nano-composite for selective oxidation and one-pot synthesis of 1,2,3-triazole using a green solvent. RSC Advances, 2013, 3, 18087.	1.7	14
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134	Synthesis, crystal structure and spectroscopic studies of a cobalt(III) Schiff base complex and its use as a heterogeneous catalyst for the oxidation reaction under mild condition. Journal of Molecular Catalysis A, 2013, 380, 94-103.	4.8	22
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