Sk Manirul Islam

List of Publications by Year in Descending Order

156 papers	3,053 citations	30 h-index	43 g-index
163 ext. papers	3,758 ext. citations	3.8 avg, IF	5.72 L-index

#	Paper	IF	Citations
156	A Zn(II)-functionalized COF as a recyclable catalyst for the sustainable synthesis of cyclic carbonates and cyclic carbamates from atmospheric CO.. *Organic and Biomolecular Chemistry*, **2022**,	3.9	4
155	Porous organic polymer (POP) nanosheets: an efficient photo-catalyst for visible-light assisted CO2 reduction. *Materials Advances*, **2022**, 3, 3165-3173	3.3	1
154	Sustainable synthesis of drug intermediates via simultaneous utilization of carbon monoxide and ammonia over Pd@La-MOF. *Molecular Catalysis*, **2022**, 522, 112212	3.3	1
153	Diformylphloroglucinol derived imine based covalent organic frameworks (PHTA) as efficient organocatalyst for conversion of isocyanates to urea derivatives. *Molecular Catalysis*, **2022**, 522, 112213	3.3	1
152	Chemical Fixation of Carbon Dioxide by Heterogeneous Porous Catalysts. *ChemNanoMat*, **2021**, 7, 580-591	3.5	6
151	Zn(II)-Embedded Nanoporous Covalent Organic Frameworks for Catalytic Conversion of CO2 under Solvent-Free Conditions. *ACS Applied Nano Materials*, **2021**, 4, 7663-7674	5.6	9
150	Heterogeneously Catalysed Hydroamination. *ChemCatChem*, **2021**, 13, 1089-1104	5.2	4
149	Visible light assisted chemical fixation of atmospheric CO2 into cyclic Carbonates using covalent organic framework as a potential photocatalyst. *Molecular Catalysis*, **2021**, 499, 111253	3.3	11
148	Light-induced carboxylation of aryl derivatives with cooperative COF as an active photocatalyst and Ni(II) co-catalyst. *New Journal of Chemistry*, **2021**, 45, 4738-4745	3.6	7
147	A nanoporous covalent organic framework for the green-reduction of CO2 under visible light in water. *New Journal of Chemistry*, **2020**, 44, 11720-11726	3.6	10
146	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	3.3	7
145	Green Synthesized AgNPs Embedded in COF: An Efficient Catalyst for the Synthesis of 2-Oxazolidinones and □Alkylidene Cyclic Carbonates via CO2 Fixation. *ChemNanoMat*, **2020**, 6, 1386-1397	3.5	10
144	Morphology of ZnO triggered versatile catalytic reactions towards CO2 fixation and acylation of amines at optimized reaction conditions. *Molecular Catalysis*, **2020**, 493, 111070	3.3	5
143	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	3.6	7
142	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	3.4	1
141	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	7.6	22
140	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	8.3	33

139	X-ray structurally characterized Mo (VI), Fe (III) and Cu (II) complexes of amide-imine conjugate: (bio)catalytic and histidine recognition studies. *Applied Organometallic Chemistry*, **2020**, 34, e5823	3.1	0
138	AgNPs encapsulated by an amine-functionalized polymer nanocatalyst for CO2 fixation as a carboxylic acid and the oxidation of cyclohexane under ambient conditions. *New Journal of Chemistry*, **2020**, 44, 5448-5456	3.6	11
137	Mesoporous covalent organic framework: An active photo-catalyst for formic acid synthesis through carbon dioxide reduction under visible light. *Molecular Catalysis*, **2020**, 484, 110730	3.3	28
136	An efficient one-pot synthesis of industrially valuable primary organic carbamates and N-substituted ureas by a reusable Merrifield anchored iron(II)-anthra catalyst [FeII(Anthra-Merf)] using urea as a sustainable carbonylation source. *New Journal of Chemistry*, **2020**, 44, 2630-2643	3.6	9
135	Application of MOFs and Their Derived Materials in Molecular Transport **2020**, 101-108		
134	Catalytic formation of N3-substituted quinazoline-2,4(1H,3H)-diones by Pd(II)EN@GO composite and its mechanistic investigations through DFT calculations. *New Journal of Chemistry*, **2020**, 44, 141-151	3.6	18
133	Zn(II)@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	3.6	19
132	POP-Pd(II) catalyzed easy and safe in situ carbonylation towards the synthesis of α-ketoamides from secondary cyclic amines utilizing CHCl3 as a carbon monoxide surrogate. *New Journal of Chemistry*, **2020**, 44, 1979-1987	3.6	7
131	Pd NPs Decorated on POPs as Recyclable Catalysts for the Synthesis of 2-Oxazolidinones from Propargylic Amines via Atmospheric Cyclizative CO2 Incorporation. *ChemNanoMat*, **2020**, 6, 160-172	3.5	15
130	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	5.2	10
129	Porous organic polymer as an efficient organocatalyst for the synthesis of biofuel ethyl levulinate. *Molecular Catalysis*, **2020**, 494, 111119	3.3	5
128	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	3.2	2
127	Macroporous polystyrene degraded and functionalized chromium MPS-Cr(III)-alen complex as a sustainable porous catalyst for CO2 fixation under atmospheric pressure and selective oxidation of aromatic alkenes. *New Journal of Chemistry*, **2020**, 44, 13852-13862	3.6	1
126	In Situ Carbonylative Synthesis of Aromatic Esters and Formation of Quinazoline-2,4(1H,3H)-diones by Chemical Fixation of CO2 in Assistance of Polymer-Supported Palladium Catalyst. *ChemistrySelect*, **2020**, 5, 10355-10366	1.8	
125	Catalytic conversions of isocyanate to urea and glucose to levulinate esters over mesoporous □Ti(HPO4)2□H2O in green media. *New Journal of Chemistry*, **2020**, 44, 16452-16460	3.6	5
124	Cu/CuO NPs architectured COF: a recyclable catalyst for the synthesis of oxazolidinedione atmospheric cyclizative CO utilization. *Chemical Communications*, **2020**, 56, 12202-12205	5.8	11
123	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	3.6	8
122	CuO grafted triazine functionalized covalent organic framework as an efficient catalyst for C-C homo coupling reaction. *Molecular Catalysis*, **2020**, 480, 110650	3.3	13

121	CuxOy@COF: An efficient heterogeneous catalyst system for CO2 cycloadditions under ambient conditions. *Journal of CO2 Utilization*, **2019**, 34, 533-542	7.6	26
120	Nanoporous ZnO Supported CuBr (CuBr/ZnO): An Efficient Catalyst for CO2 Fixation Reactions. *ChemistrySelect*, **2019**, 4, 1069-1077	1.8	19
119	Enhancing the radiotherapeutic index of gamma radiation on cervical cancer cells by gold nanoparticles. *Gold Bulletin*, **2019**, 52, 185-196	1.6	1
118	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	3.9	19
117	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	3.6	5
116	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	2.7	17
115	Ag NPs decorated on a COF in the presence of DBU as an efficient catalytic system for the synthesis of tetramic acids via CO fixation into propargylic amines at atmospheric pressure. *Dalton Transactions*, **2019**, 48, 4657-4666	4.3	35
114	Palladium Grafted Functionalized Nanomaterial: An Efficient Catalyst for the CO2 Fixation of Amines and Production of Organic Carbamates. *ChemistrySelect*, **2019**, 4, 3961-3972	1.8	7
113	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	3.3	11
112	Catalytic synthesis of benzimidazoles and organic carbamates using a polymer supported zinc catalyst through CO2 fixation. *New Journal of Chemistry*, **2019**, 43, 14643-14652	3.6	19
111	Catalytic synthesis of organic cyclic carbonate through CO2 fixation and production of β-amino alcohol via ring opening of epoxides under green condition by polystyrene embedded Al(III) catalyst. *Journal of Organometallic Chemistry*, **2019**, 898, 120877	2.3	16
110	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	3.3	7
109	Naphthalene Based Amide-Imine Derivative and its Dinuclear Vanadium Complex: Structures, Atmospheric CO2 Fixation and Theoretical Support. *ChemistrySelect*, **2019**, 4, 10254-10259	1.8	2
108	Study of catalytic activity of a polymer-supported Ce catalyst for the synthesis of biofuels and β-amino alcohol derivatives under ambient condition. *Journal of Applied Polymer Science*, **2019**, 136, 47650	2.9	4
107	Reduction of carbon dioxide with mesoporous SnO2 nanoparticles as active photocatalysts under visible light in water. *Catalysis Science and Technology*, **2019**, 9, 6566-6569	5.5	14
106	A Sulfonated Porous Polymer as Solid Acid Catalyst for Biofuel Synthesis and Chemical Fixation of CO2. *ChemistrySelect*, **2019**, 4, 14315-14328	1.8	8
105	Modified Graphene Oxide Based Zinc Composite: an Efficient Catalyst for N-formylation and Carbamate Formation Reactions Through CO2 Fixation. *ChemCatChem*, **2019**, 11, 1303-1312	5.2	30
104	Polymer supported triazine based palladium complex catalyzed double carbonylation reaction of halo aryl compounds for the synthesis of α-ketoamides. *Journal of Organometallic Chemistry*, **2019**, 882, 18-25	2.3	7

103	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	3.6	18
102	A facile synthesis strategy to couple porous nanocubes of CeO2 with Ag nanoparticles: an excellent catalyst with enhanced reactivity for the “click reaction” and carboxylation of terminal alkynes. *New Journal of Chemistry*, **2018**, 42, 7314-7325	3.6	11
101	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	2.3	18
100	Synthesis, structure and catalytic activities of nickel(II) complexes bearing N4 tetradentate Schiff base ligand. *Journal of Molecular Structure*, **2018**, 1160, 9-19	3.4	10
99	Use of an efficient polystyrene-supported cerium catalyst for one-pot multicomponent synthesis of spiro-piperidine derivatives and click reactions in green solvent. *Applied Organometallic Chemistry*, **2018**, 32, e4227	3.1	9
98	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	2.3	12
97	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	3.2	8
96	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	3.3	35
95	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	5.3	25
94	Magnesium oxide as an efficient catalyst for CO2 fixation and N-formylation reactions under ambient conditions. *Molecular Catalysis*, **2018**, 450, 46-54	3.3	42
93	Sustainable Generation of Ni(OH) Nanoparticles for the Green Synthesis of 5-Substituted 1-Tetrazoles: A Competent Turn on Fluorescence Sensing of HO. *ACS Omega*, **2018**, 3, 8169-8180	3.9	18
92	Pd NP-Decorated N-Rich Porous Organic Polymer as an Efficient Catalyst for Upgradation of Biofuels. *ACS Omega*, **2018**, 3, 7639-7647	3.9	15
91	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	3.6	25
90	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	3.6	12
89	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	2.3	11
88	Exploring (bio)catalytic activities of structurally characterised Cu(ii) and Mn(iii) complexes: histidine recognition and photocatalytic application of Cu(ii) complex and derived CuO nano-cubes. *Dalton Transactions*, **2018**, 47, 14008-14016	4.3	4
87	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	9.3	18
86	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	5.2	60

85	Acid-Functionalized Mesoporous SBA-15 as an Efficient Heterogeneous Organocatalyst for the Green Synthesis of β-Amino Alcohol Derivatives. *ChemistrySelect*, **2017**, 2, 2159-2165	1.8	2
84	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	3.3	22
83	Biogenic Nano-CuO-Catalyzed Facile C–N Cross-Coupling Reactions: Scope and Mechanism. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 648-657	8.3	36
82	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	3.6	26
81	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	3.2	4
80	Palladium nanoparticles embedded on mesoporous TiO material (Pd@MTiO) as an efficient heterogeneous catalyst for Suzuki-Coupling reactions in water medium. *Journal of Colloid and Interface Science*, **2017**, 508, 378-386	9.3	37
79	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	3.9	5
78	Mesoporous Zirconium Oxophosphate: An Efficient Catalyst for the Synthesis of Cyclic Acetals and Cyclic Carbonates under Solvent-Free Conditions. *ChemistrySelect*, **2017**, 2, 10595-10602	1.8	5
77	Catalytic Activity of Crystallographically Characterized Organic–Inorganic Hybrid Containing 1,5-Di-amino-pentane Tetrachloro Manganate with Perovskite Type Structure. *Catalysis Letters*, **2017**, 147, 2332-2339	2.8	9
76	Silver nanoparticles supported over Al2O3@Fe2O3 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	3.3	20
75	Melamine paraformaldehyde-based organic mesoporous polymer grafted silver nanoparticles catalyzed nitroarenes reduction under aqueous medium. *Natural Resources & Engineering*, **2017**, 2, 13-22		1
74	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	3.7	13
73	Organic Solid Acid Catalyst for Efficient Conversion of Furfuryl Alcohol to Biofuels. *ChemistrySelect*, **2016**, 1, 6079-6085	1.8	8
72	Copper(II) incorporated functionalized polystyrene catalyzed N-arylation of amides under solvent free condition with broad substrate scope. *RSC Advances*, **2016**, 6, 109692-109701	3.7	9
71	Chiral Co(III)-salen complex supported over highly ordered functionalized mesoporous silica for enantioselective aminolysis of racemic epoxides. *RSC Advances*, **2016**, 6, 109315-109321	3.7	18
70	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, 220-9	9.3	64
69	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	3.7	40
68	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, 202-9	9.3	21

67	Ag@polypyrrole: A highly efficient nanocatalyst for the N-alkylation of amines using alcohols. *Journal of Colloid and Interface Science*, **2016**, 467, 291-299	9.3	22
66	Polymeric -alanine incarcerated Pd(II) catalyzed allylic etherification in water: a mild and efficient method for the formation of C(sp3)- bonds. *RSC Advances*, **2016**, 6, 8282-8289	3.7	12
65	A new chiral Fe(III)-salen grafted mesoporous catalyst for enantioselective asymmetric ring opening of racemic epoxides at room temperature under solvent-free conditions. *Chemical Communications*, **2016**, 52, 1871-4	5.8	32
64	Synthesis, Characterization and Catalytic Studies of Heterogeneous Oxo-Vanadium(IV) Schiff base Catalyst for Activation of Benzylic C-H bonds of Alkanes. *ChemistrySelect*, **2016**, 1, 6797-6804	1.8	5
63	Functionalized Polystyrene Supported Copper(I) Complex as an Effective and Reusable Catalyst for Propargylamines Synthesis in Aqueous Medium. *Catalysis Letters*, **2016**, 146, 1128-1138	2.8	29
62	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	5.1	45
61	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	10	22
60	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	1.8	15
59	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	8.3	34
58	A new recyclable functionalized mesoporous SBA-15 catalyst grafted with chiral Fe(III) sites for the enantioselective aminolysis of racemic epoxides under solvent free conditions. *RSC Advances*, **2016**, 6, 97599-97605	3.7	6
57	Nitrogen enriched mesoporous organic polymer anchored copper(II) material: an efficient and reusable catalyst for the synthesis of esters and amides from aromatic systems. *Dalton Transactions* , **2015**, 44, 6546-59	4.3	17
56	A highly active recyclable gold-graphene nanocomposite material for oxidative esterification and Suzuki cross-coupling reactions in green pathway. *Journal of Colloid and Interface Science*, **2015**, 459, 97-106	9.3	34
55	Suzuki-Miyaura reaction by heterogeneously supported Pd in water: recent studies. *RSC Advances*, **2015**, 5, 42193-42221	3.7	109
54	Zn(ii) assisted synthesis of porous salen as an efficient heterogeneous scaffold for capture and conversion of CO2. *Chemical Communications*, **2015**, 51, 15732-5	5.8	85
53	Polymer anchored ruthenium complex: A highly active and recyclable catalyst for one-pot azide-alkyne cycloaddition and transfer-hydrogenation of ketones under mild conditions. *Journal of Organometallic Chemistry*, **2015**, 776, 170-179	2.3	25
52	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	5.5	19
51	An aerobic oxidative synthesis of aryl nitriles and primary aryl amides from benzylic alcohols catalyzed by a polymer supported Cu(II) complex. *New Journal of Chemistry*, **2015**, 39, 921-930	3.6	29
50	Polymer supported rhodium carbonyl complex catalyzed carbonylation of glycerol for the synthesis of carboxylic acids. *Journal of Molecular Catalysis A*, **2015**, 396, 268-274		9

49	Mesoporous Titania-Iron(III) Oxide with Nanoscale Porosity and High Catalytic Activity for the Synthesis of Amino Alcohols and Benzimidazole Derivatives. *ChemCatChem*, **2015**, 7, 2689-2697	5.2	26
48	Solvent selective phenyl selenylation and phenyl tellurylation of aryl boronic acids catalyzed by Cu(II) grafted functionalized polystyrene. *Tetrahedron Letters*, **2015**, 56, 779-783	2	22
47	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	3.2	12
46	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		54
45	Pd-grafted porous metal organic framework material as an efficient and reusable heterogeneous catalyst for C C coupling reactions in water. *Applied Catalysis A: General*, **2014**, 469, 320-327	5.1	126
44	Cu(II) anchored nitrogen-rich covalent imine network (CuII-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	3.7	31
43	Synthesis of a reusable polymer anchored cobalt(II) complex for the aerobic oxidation of alkyl aromatics and unsaturated organic compounds. *Journal of Organometallic Chemistry*, **2014**, 774, 61-69	2.3	15
42	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	3.7	24
41	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	3.7	41
40	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	3.7	39
39	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	2.3	15
38	Synthesis of silver 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	3.7	82
37	Chromium(VI) grafted mesoporous polyaniline as a reusable heterogeneous catalyst for oxidation reactions in aqueous medium. *RSC Advances*, **2014**, 4, 15431	3.7	25
36	Polymer supported Pd catalyzed carbonylation of aryl bromides for the synthesis of aryl esters and amides. *RSC Advances*, **2014**, 4, 38986-38999	3.7	18
35	Polymer supported Pd catalyzed thioester synthesis via carbonylation of aryl halides under phosphine free conditions. *RSC Advances*, **2014**, 4, 26181-26192	3.7	33
34	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		72
33	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	5.1	72
32	Aerobic oxidation and oxidative bromination in aqueous medium using polymer anchored oxovanadium complex. *Journal of Organometallic Chemistry*, **2014**, 761, 169-178	2.3	12

31	Polymer-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	3.1	10
30	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	3.2	15
29	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	10	41
28	Efficient and reusable graphene-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	3.7	11
27	Catalytic activity of an iron(III) Schiff base complex bound in a polymer resin. *Transition Metal Chemistry*, **2013**, 38, 675-682	2.1	7
26	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		19
25	Cu-grafted mesoporous organic polymer: a new recyclable nanocatalyst for multi-component, N-arylation and S-arylation reactions. *Catalysis Science and Technology*, **2013**, 3, 3303	5.5	51
24	Oxidation of organic compounds by hydrogen peroxide using polymer-anchored azo-metal catalysts. *Transition Metal Chemistry*, **2013**, 38, 7-14	2.1	2
23	Highly efficient recyclable polymer anchored palladium catalyst for CC and CN coupling reactions. *Journal of Molecular Catalysis A*, **2013**, 366, 321-332		30
22	Synthesis, catalytic oxidation and oxidative bromination reaction of a reusable polymer anchored oxovanadium(IV) complex. *Journal of Molecular Catalysis A*, **2012**, 358, 38-48		26
21	Catalytic activity of a reusable polymer-anchored nickel(II)phenanthroline complex on the oxidation of various organic substrates. *Journal of Applied Polymer Science*, **2012**, 123, 3789-3798	2.9	5
20	Use of immobilized transition metal complexes as recyclable catalysts for oxidation reactions with hydrogen peroxide as oxidant. *Transition Metal Chemistry*, **2012**, 37, 97-107	2.1	9
19	Selective hydrogenation and Suzuki cross-coupling reactions of various organic substrates using a reusable polymer-anchored palladium(II) Schiff base complex. *Applied Organometallic Chemistry*, **2012**, 26, 625-634	3.1	46
18	Olefin epoxidation with tert-butyl hydroperoxide catalyzed by functionalized polymer-supported copper(II) Schiff base complex. *Monatshefte Für Chemie*, **2012**, 143, 815-823	1.4	15
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