Seyed Mohsen Sadeghzadeh

List of Publications by Year in Descending Order

73 papers	964 citations	23 h-index	28 g-index
74 ext. papers	1,140 ext. citations	3.5 avg, IF	5.66 L-index

#	Paper	IF	Citations
73	Nanosheets CoMn2O4 as a nanocatalyst for green reduction of nitrophenol compounds. *Inorganic Chemistry Communication*, **2022**, 139, 109420	3.1	
72	Green synthesis and characterization of Nd2Ti2O7 ceramic nanocomposites for the elimination of organic dyes in water. *Inorganic Chemistry Communication*, **2022**, 140, 109437	3.1	0
71	Cycloaddition of allylic chlorides, aryl alkynes, and carbon dioxide using nanoclusters of polyoxomolybdate buckyball supported by ionic liquid on dendritic fibrous nanosilica. *Journal of CO2 Utilization*, **2022**, 61, 102035	7.6	0
70	Nickel (II) dibenzotetramethyltetraaza[14]annulene supported on DFNS nanoparticles catalyst in carbonylative sonogashira coupling. *Inorganic Chemistry Communication*, **2021**, 125, 108441	3.1	0
69	Highly Selective Reduction of Carbon Dioxide to Methane on Novel Nanofibrous CoMn2O4 Catalysts. *Catalysis Letters*, **2021**, 151, 184-193	2.8	2
68	PrVO4/SnD NPs as a Nanocatalyst for Carbon Dioxide Fixation to Synthesis Benzimidazoles and 2-Oxazolidinones. *Catalysis Letters*, **2021**, 151, 1623-1632	2.8	3
67	Fabrication of Nitrogen-Enriched Graphene Oxide on the DFNS/Metal NPs as a Nanocatalysts for the Reduction of 4-Nitrophenol and 2-Nitroaniline. *Catalysis Letters*, **2021**, 151, 1882-1893	2.8	1
66	CdSnO3/SnD NPs as a Nanocatalyst for Carbonylation of o-Phenylenediamine with CO2. *Catalysis Letters*, **2021**, 151, 2807-2815	2.8	1
65	Cu2O Nanocatalysts Immobilized on p(SBMA) for Synergistic CO2 Activation to Afford Esters and Heterocycles at Ambient Pressure. *Catalysis Letters*, **2021**, 151, 2724-2733	2.8	2
64	Enhanced simultaneous adsorption of As(iii), Cd(ii), Pb(ii) and Cr(vi) ions from aqueous solution using cassava root husk-derived biochar loaded with ZnO nanoparticles.. *RSC Advances*, **2021**, 11, 18881-18897	3.7	8
63	Control of the synthesis and morphology of nano dendritic CuAl2O4 as a nanocatalyst for photoredox-catalyzed dicarbofunctionalization of styrenes with amines and CO2. *New Journal of Chemistry*, **2021**, 45, 8942-8948	3.6	1
62	Synthesis of pyrazolopyrimidines in mild conditions by gold nanoparticles supported on magnetic ionic gelation in aqueous solution. *Applied Organometallic Chemistry*, **2020**, 34, e5663	3.1	1
61	Highly efficient photocatalytic performance of dye-sensitized K-doped ZnO nanotapers synthesized by a facile one-step electrochemical method for quantitative hydrogen generation. *Journal of Solid State Electrochemistry*, **2020**, 24, 1599-1606	2.6	4
60	Nanostructured Silica-Nd2Sn2O7 Hybrid Using Fibrous Nanosilica as Photocatalysts for Degradation of Metronidazole in Simulated Wastewater. *Catalysis Letters*, **2020**, 150, 2003-2012	2.8	5
59	Reduction of 4-nitrophenol and 2-nitroaniline using immobilized CoMnO NPs on lignin supported on FPS.. *RSC Advances*, **2020**, 10, 19553-19561	3.7	9
58	Green synthesis of Dy2Ce2O7 Nanoparticles Immobilized on Fibrous Nano-silica for Synthesis of 3-Aryl-2-oxazolidinones from Alkenes, Amines, and Carbon Dioxide. *Catalysis Letters*, **2020**, 150, 1729-1740	2.8	6
57	Palladium Salen-bridged ionic networks immobilized on magnetic dendritic silica fibers for the synthesis of cyclic carbonates by oxidative carboxylation. *New Journal of Chemistry*, **2020**, 44, 1269-1277	3.6	5

56	Ruthenium-Birhodanine complex supported over fibrousphosphosilicate for photocatalytic CO2 reduction to formate. *Catalysis Today*, **2020**, 340, 197-203	5.3	4
55	Synthesis of Quinazolines Catalyzed by Immobilized Spirulina on Cellulose/Dendritic Fibrous Nanosilica (DFNS). *Silicon*, **2020**, 12, 2005-2015	2.4	2
54	Synthesis and characterization of a novel ruthenium(ii) trisbipyridine complex magnetic nanocomposite for the selective oxidation of phenols.. *RSC Advances*, **2019**, 9, 28078-28088	3.7	5
53	Photooxidation of triarylphosphines under aerobic conditions in the presence of a gold(iii) complex on cellulose extracted from immobilized on nanofibrous phosphosilicate.. *RSC Advances*, **2019**, 9, 1509-1516	3.7	1
52	Synthesis of benzimidazolones by immobilized gold nanoparticles on chitosan extracted from shrimp shells supported on fibrous phosphosilicate.. *RSC Advances*, **2019**, 9, 6494-6501	3.7	18
51	Nanofibrous rhodium with a new morphology for the hydrogenation of CO2 to formate. *New Journal of Chemistry*, **2019**, 43, 4489-4496	3.6	6
50	Phosphosilicate nanosheets for supported palladium nanoparticles as a novel nanocatalyst. *Microporous and Mesoporous Materials*, **2019**, 275, 76-86	5.3	4
49	Co-immobilization of Laccase and TEMPO onto Glycidyloxypropyl Functionalized Fibrous Phosphosilicate Nanoparticles for Fixing CO2 into 2-Oxopropylcarbamatesin. *Catalysis Letters*, **2019**, 149, 3465-3475	2.8	5
48	Fixing CO into 2-oxopropylcarbamates in neat condition by ionic gelation/Ag(i) supported on dendritic fibrous nanosilica.. *RSC Advances*, **2019**, 9, 16955-16965	3.7	6
47	Synthesis and characterization of a novel CNT-FeNi/DFNS/Cu(ii) magnetic nanocomposite for the photocatalytic degradation of tetracycline in wastewater.. *RSC Advances*, **2019**, 9, 35022-35032	3.7	8
46	C-C and C-H coupling reactions by FeO/KCC-1/APTPOSS supported palladium-salen-bridged ionic networks as a reusable catalyst.. *RSC Advances*, **2018**, 8, 8761-8769	3.7	11
45	CO2 transformation under mild conditions using tripolyphosphate-grafted KCC-1-NH2. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2018**, 193, 535-544	1	0
44	KCC-1 Supported Cu(II)-β-Cyclodextrin Complex as a Reusable Catalyst for the Synthesis of 3-Aryl-2-oxazolidinones from Carbon Dioxide, Epoxide, Anilines. *ChemistrySelect*, **2018**, 3, 3516-3522	1.8	23
43	Synthesis of spiroindenopyridazine-4-pyran derivatives using Cr-based catalyst complexes supported on KCC-1 in aqueous solution.. *RSC Advances*, **2018**, 8, 6259-6266	3.7	4
42	The reduction of 4-nitrophenol and 2-nitroaniline by palladium catalyst based on a KCC-1/IL in aqueous solution. *Applied Organometallic Chemistry*, **2018**, 32, e4251	3.1	26
41	Synthesis of pyridopyrimidinones by N-heterocyclic carbene palladium(II) supported on KCC-1 in aqueous solution. *Journal of Organometallic Chemistry*, **2018**, 868, 47-54	2.3	5
40	KCC-1 Supported Ruthenium-Salen-Bridged Ionic Networks as a Reusable Catalyst for the Cycloaddition of Propargylic Amines and CO2. *Catalysis Letters*, **2018**, 148, 1692-1702	2.8	26
39	Ni@Pd nanoparticles supported on ionic liquid-functionalized KCC-1 as robust and recyclable nanocatalysts for cycloaddition of propargylic amines and CO2. *Applied Organometallic Chemistry*, **2018**, 32, e3941	3.1	24

38	A versatile supported silver for heterogeneously catalysed processes: Synthesis of 3-Acyloxylindolines solvent-free conditions. *Applied Organometallic Chemistry*, **2018**, 32, e4130	3.1	2
37	Spirulina (Arthrospira) platensis Supported Ionic Liquid as a Catalyst for the Synthesis of 3-Aryl-2-oxazolidinones from Carbon Dioxide, Epoxide, Anilines. *Catalysis Letters*, **2018**, 148, 119-124	2.8	26
36	Synthesis of 3-Acyloxylindolines under mild conditions using tripolyphosphate-grafted KCC-1-NH2. *Microporous and Mesoporous Materials*, **2018**, 257, 147-153	5.3	23
35	Synthesis of New Class of Copper(II) Complex-Based FeNi3/KCC-1 for the N-Formylation of Amines Using Dihydrogen and Carbon Dioxide. *Catalysis Letters*, **2018**, 148, 2487-2500	2.8	16
34	The reduction of 4-nitrophenol and 2-nitroaniline by the incorporation of Ni@Pd MNPs into modified UiO-66-NH2 metal□rganic frameworks (MOFs) with tetrathia-azacyclopentadecane. *New Journal of Chemistry*, **2018**, 42, 988-994	3.6	39
33	Synthesis of 3-sulfenylindoles by Pd (II) nanoclusters confined within metal-organic framework fibers in aqueous solution. *Journal of Organometallic Chemistry*, **2018**, 855, 1-6	2.3	5
32	Green synthesis of PbCrO nanostructures using gum of ferula assa-foetida for enhancement of visible-light photocatalytic activity.. *RSC Advances*, **2018**, 8, 40934-40940	3.7	3
31	A new class of organocobaloximes based FeNi3/DFNS for reduction of 4-nitrophenol and 2-nitroaniline. *Journal of Organometallic Chemistry*, **2018**, 877, 21-31	2.3	7
30	Synthesis of tetramethylquinoline-2,4-diamine using FeNi3/KCC-1/APTPOSS-supported copper cyclam and salen complex as a reusable catalyst. *Applied Organometallic Chemistry*, **2018**, 32, e4560	3.1	5
29	Synthesis of N-[(2-hydroxyethoxy)carbonyl]glycine from carbon dioxide, ethylene oxide, and □amino acid by ionic gelation of sodium tripolyphosphate (TPP) and spirulina supported on magnetic KCC-1 in aqueous solution. *New Journal of Chemistry*, **2018**, 42, 10153-10160	3.6	2
28	Pd/APTPOSS@KCC-1 as a new and efficient support catalyst for C□H activation. *RSC Advances*, **2017**, 7, 24885-24894	3.7	26
27	KCC-1/GMSI/VB12 as a new nano catalyst for the carbonylative Suzuki□Miyaura crosscoupling reaction. *RSC Advances*, **2017**, 7, 32139-32145	3.7	6
26	C□C coupling reactions using a gold(III) phosphorus complex confined within metal□rganic framework fibers in aqueous solution. *RSC Advances*, **2017**, 7, 50838-50843	3.7	6
25	Spidery catalyst for the synthesis of quinazoline-2,4(1H,3H)-diones. *Catalysis Science and Technology*, **2016**, 6, 1435-1441	5.5	41
24	A heteropolyacid-based ionic liquid immobilized onto Fe3O4/SiO2/Salen/Mn as an environmentally friendly catalyst for synthesis of cyclic carbonate. *Research on Chemical Intermediates*, **2016**, 42, 2317-2328	2.8	10
23	Ionic liquid-modified fibrous silica microspheres loaded with PbS nanoparticles and their enhanced catalytic activity and reusability for the hydrogen production by selective dehydrogenation of formic acid. *Journal of Molecular Liquids*, **2016**, 223, 267-273	6	25
22	Ruthenium Salen Complex Immobilized on FeNi3 Magnetic Nanoparticles: The Efficient, Green and Reusable Nanocatalyst for Heck and Suzuki Coupling Reactions. *Catalysis Letters*, **2016**, 146, 2555-2565	2.8	5
21	Bis(4-pyridylamino)triazine-stabilized magnetite KCC-1: a chemoselective, efficient, green and reusable nanocatalyst for the synthesis of N-substituted 1,4-dihydropyridines. *RSC Advances*, **2016**, 6, 99586-99594	3.7	10

20	A green approach for the synthesis of 2-oxazolidinones using gold(I) complex immobilized on KCC-1 as nanocatalyst at room temperature. *Applied Organometallic Chemistry*, **2016**, 30, 835-842	3.1	25
19	Gold (III) phosphorus complex immobilized on fibrous nano-silica as a catalyst for the cyclization of propargylic amines with CO2. *Journal of Molecular Catalysis A*, **2016**, 423, 216-223		30
18	PbS based ionic liquid immobilized onto fibrous nano-silica as robust and recyclable heterogeneous catalysts for the hydrogen production by dehydrogenation of formic acid. *Microporous and Mesoporous Materials*, **2016**, 234, 310-316	5.3	28
17	A heteropolyacid-based ionic liquid immobilized onto magnetic fibrous nano-silica as robust and recyclable heterogeneous catalysts for the synthesis of tetrahydrodipyrazolopyridines in water. *RSC Advances*, **2016**, 6, 75973-75980	3.7	37
16	A heteropolyacid-based ionic liquid immobilized onto fibrous nano-silica as an efficient catalyst for the synthesis of cyclic carbonate from carbon dioxide and epoxides. *Green Chemistry*, **2015**, 17, 3059-3066	10	89
15	Ionic liquid immobilized onto fibrous nano-silica: A highly active and reusable catalyst for the synthesis of quinazoline-2,4(1 H,3 H)-diones. *Catalysis Communications*, **2015**, 72, 91-96	3.2	35
14	Ultrasound-promoted green approach for the synthesis of thiazoloquinolines using gold(III) dipyridine complex immobilized on SBA-15 as nano catalysts at room temperature. *RSC Advances*, **2015**, 5, 68947-68952	3.7	25
13	Synthesis of 1,3-thiazolidin-4-one using ionic liquid immobilized onto Fe3O4/SiO2/Salen/Mn. *Journal of Molecular Liquids*, **2015**, 202, 46-51	6	26
12	A heteropolyacid-based ionic liquid immobilized onto Fe3O4/SiO2/salen/Mn as an environmentally friendly catalyst in a multi-component reaction. *RSC Advances*, **2015**, 5, 17319-17324	3.7	25
11	Manganese(III) Salen Complex Immobilized on Fe3O4 Magnetic Nanoparticles: The Efficient, Green and Reusable Nanocatalyst. *Chinese Journal of Chemistry*, **2014**, 32, 349-355	4.9	25
10	Ionic liquid immobilized on FeNi3 as catalysts for efficient, green, and one-pot synthesis of 1,3-thiazolidin-4-one. *Journal of Molecular Liquids*, **2014**, 199, 440-444	6	24
9	Recyclable gold(III) dipyridine complex immobilized on Fe3O4 magnetic nanoparticles: synthesis of 2,6-dihydro[2,1-a]isoindole under mild conditions. *RSC Advances*, **2014**, 4, 43315-43320	3.7	6
8	Quinuclidine Stabilized on FeNi Nanoparticles as Catalysts for Efficient, Green, and One-Pot Synthesis of Triazolo[1,2-a]indazole-triones. *ChemPlusChem*, **2014**, 79, 278-283	2.8	22
7	Diazabicyclo[2.2.2]octane stabilized on Fe3O4 as catalysts for synthesis of coumarin under solvent-free conditions. *Journal of the Iranian Chemical Society*, **2014**, 11, 27-33	2	22
6	PbS nanoparticles stabilized on HPG-modified FeNi3 as catalyst for synthesis of 2-amino-4H-chromene under mild conditions. *Journal of the Iranian Chemical Society*, **2014**, 11, 1197-1205	2	5
5	Magnetic nanoparticle supported hyperbranched polyglycerol catalysts for synthesis of 4-benzo[]pyran. *Monatshefte F Chemie*, **2013**, 144, 1551-1558	1.4	29
4	Methylene dipyridine nanoparticles stabilized on Fe3O4 as catalysts for efficient, green, and one-pot synthesis of pyrazolophthalazinyl spirooxindoles. *Catalysis Today*, **2013**, 217, 80-85	5.3	27
3	Aluminium-based ruthenium/diamine catalysts for produce aliphatic polycarbonates from carbon dioxide and oxetanes. *Applied Organometallic Chemistry*,e6527	3.1	

2	Cu(II)-Based Ionic Liquid Supported on SBA-15 Nanoparticles Catalyst for the Oxidation of Various Alcohols into Carboxylic Acids in the Presence of CO2. *Catalysis Letters*,1	2.8	0
1	Ruthenium Nanocatalysts Immobilized on DFNS-IL Heterogeneous Catalyst for Hydroformylation of Alkenes with CO2 and H2. *Catalysis Letters*,1	2.8	