

Seyed Mohsen Sadeghzadeh

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74
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L-index

#	Paper	IF	Citations
73	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. <i>Green Chemistry</i> , 2015 , 17, 3059-3066	10	89
72	Spidery catalyst for the synthesis of quinazoline-2,4(1H,3H)-diones. <i>Catalysis Science and Technology</i> , 2016 , 6, 1435-1441	5.5	41
71	The reduction of 4-nitrophenol and 2-nitroaniline by the incorporation of Ni@Pd MNPs into modified UiO-66-NH ₂ metal-organic frameworks (MOFs) with tetrathia-azacyclopentadecane. <i>New Journal of Chemistry</i> , 2018 , 42, 988-994	3.6	39
70	A heteropolyacid-based ionic liquid immobilized onto magnetic fibrous nano-silica as robust and recyclable heterogeneous catalysts for the synthesis of tetrahydrodipyrzolo-pyridines in water. <i>RSC Advances</i> , 2016 , 6, 75973-75980	3.7	37
69	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. <i>Catalysis Communications</i> , 2015 , 72, 91-96	3.2	35
68	Gold (III) phosphorus complex immobilized on fibrous nano-silica as a catalyst for the cyclization of propargylic amines with CO ₂ . <i>Journal of Molecular Catalysis A</i> , 2016 , 423, 216-223		30
67	Magnetic nanoparticle supported hyperbranched polyglycerol catalysts for synthesis of 4-benzopyran. <i>Monatshefte Für Chemie</i> , 2013 , 144, 1551-1558	1.4	29
66	PbS based ionic liquid immobilized onto fibrous nano-silica as robust and recyclable heterogeneous catalysts for the hydrogen production by dehydrogenation of formic acid. <i>Microporous and Mesoporous Materials</i> , 2016 , 234, 310-316	5.3	28
65	Methylene dipyridine nanoparticles stabilized on Fe ₃ O ₄ as catalysts for efficient, green, and one-pot synthesis of pyrazolophthalazinyl spirooxindoles. <i>Catalysis Today</i> , 2013 , 217, 80-85	5.3	27
64	Pd/APTPOSS@KCC-1 as a new and efficient support catalyst for C ₃ H ₈ activation. <i>RSC Advances</i> , 2017 , 7, 24885-24894	3.7	26
63	Synthesis of 1,3-thiazolidin-4-one using ionic liquid immobilized onto Fe ₃ O ₄ /SiO ₂ /Salen/Mn. <i>Journal of Molecular Liquids</i> , 2015 , 202, 46-51	6	26
62	The reduction of 4-nitrophenol and 2-nitroaniline by palladium catalyst based on a KCC-1/IL in aqueous solution. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4251	3.1	26
61	KCC-1 Supported Ruthenium-Salen-Bridged Ionic Networks as a Reusable Catalyst for the Cycloaddition of Propargylic Amines and CO ₂ . <i>Catalysis Letters</i> , 2018 , 148, 1692-1702	2.8	26
60	Spirulina (Arthrospira) platensis Supported Ionic Liquid as a Catalyst for the Synthesis of 3-Aryl-2-oxazolidinones from Carbon Dioxide, Epoxide, Anilines. <i>Catalysis Letters</i> , 2018 , 148, 119-124	2.8	26
59	Ultrasound-promoted green approach for the synthesis of thiazoloquinolines using gold(III) dipyridine complex immobilized on SBA-15 as nano catalysts at room temperature. <i>RSC Advances</i> , 2015 , 5, 68947-68952	3.7	25
58	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. <i>Journal of Molecular Liquids</i> , 2016 , 223, 267-273	6	25
57	Manganese(III) Salen Complex Immobilized on Fe ₃ O ₄ Magnetic Nanoparticles: The Efficient, Green and Reusable Nanocatalyst. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 349-355	4.9	25

56	A heteropolyacid-based ionic liquid immobilized onto Fe ₃ O ₄ /SiO ₂ /salen/Mn as an environmentally friendly catalyst in a multi-component reaction. <i>RSC Advances</i> , 2015 , 5, 17319-17324	3.7	25
55	A green approach for the synthesis of 2-oxazolidinones using gold(I) complex immobilized on KCC-1 as nanocatalyst at room temperature. <i>Applied Organometallic Chemistry</i> , 2016 , 30, 835-842	3.1	25
54	Ni@Pd nanoparticles supported on ionic liquid-functionalized KCC-1 as robust and recyclable nanocatalysts for cycloaddition of propargylic amines and CO ₂ . <i>Applied Organometallic Chemistry</i> , 2018 , 32, e3941	3.1	24
53	Ionic liquid immobilized on FeNi ₃ as catalysts for efficient, green, and one-pot synthesis of 1,3-thiazolidin-4-one. <i>Journal of Molecular Liquids</i> , 2014 , 199, 440-444	6	24
52	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. <i>ChemistrySelect</i> , 2018 , 3, 3516-3522	1.8	23
51	Synthesis of 3-Acyloxylindolines under mild conditions using tripolyphosphate-grafted KCC-1-NH ₂ . <i>Microporous and Mesoporous Materials</i> , 2018 , 257, 147-153	5.3	23
50	Quinuclidine Stabilized on FeNi Nanoparticles as Catalysts for Efficient, Green, and One-Pot Synthesis of Triazolo[1,2-a]indazole-triones. <i>ChemPlusChem</i> , 2014 , 79, 278-283	2.8	22
49	Diazabicyclo[2.2.2]octane stabilized on Fe ₃ O ₄ as catalysts for synthesis of coumarin under solvent-free conditions. <i>Journal of the Iranian Chemical Society</i> , 2014 , 11, 27-33	2	22
48	Synthesis of benzimidazolones by immobilized gold nanoparticles on chitosan extracted from shrimp shells supported on fibrous phosphosilicate.. <i>RSC Advances</i> , 2019 , 9, 6494-6501	3.7	18
47	Synthesis of New Class of Copper(II) Complex-Based FeNi ₃ /KCC-1 for the N-Formylation of Amines Using Dihydrogen and Carbon Dioxide. <i>Catalysis Letters</i> , 2018 , 148, 2487-2500	2.8	16
46	C-C and C-H coupling reactions by FeO/KCC-1/APTPOSS supported palladium-salen-bridged ionic networks as a reusable catalyst.. <i>RSC Advances</i> , 2018 , 8, 8761-8769	3.7	11
45	A heteropolyacid-based ionic liquid immobilized onto Fe ₃ O ₄ /SiO ₂ /Salen/Mn as an environmentally friendly catalyst for synthesis of cyclic carbonate. <i>Research on Chemical Intermediates</i> , 2016 , 42, 2317-2328	2.8	10
44	Bis(4-pyridylamino)triazine-stabilized magnetite KCC-1: a chemoselective, efficient, green and reusable nanocatalyst for the synthesis of N-substituted 1,4-dihydropyridines. <i>RSC Advances</i> , 2016 , 6, 99586-99594	3.7	10
43	Reduction of 4-nitrophenol and 2-nitroaniline using immobilized CoMnO NPs on lignin supported on FPS.. <i>RSC Advances</i> , 2020 , 10, 19553-19561	3.7	9
42	Synthesis and characterization of a novel CNT-FeNi/DFNS/Cu(ii) magnetic nanocomposite for the photocatalytic degradation of tetracycline in wastewater.. <i>RSC Advances</i> , 2019 , 9, 35022-35032	3.7	8
41	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.. <i>RSC Advances</i> , 2021 , 11, 18881-18897	3.7	8
40	A new class of organocobaloximes based FeNi ₃ /DFNS for reduction of 4-nitrophenol and 2-nitroaniline. <i>Journal of Organometallic Chemistry</i> , 2018 , 877, 21-31	2.3	7
39	KCC-1/GMSI/VB12 as a new nano catalyst for the carbonylative SuzukiMiyaura crosscoupling reaction. <i>RSC Advances</i> , 2017 , 7, 32139-32145	3.7	6

38	Nanofibrous rhodium with a new morphology for the hydrogenation of CO ₂ to formate. <i>New Journal of Chemistry</i> , 2019 , 43, 4489-4496	3.6	6
37	Fixing CO into β -xopropylcarbamates in neat condition by ionic gelation/Ag(I) supported on dendritic fibrous nanosilica.. <i>RSC Advances</i> , 2019 , 9, 16955-16965	3.7	6
36	Recyclable gold(III) dipyridine complex immobilized on Fe ₃ O ₄ magnetic nanoparticles: synthesis of 2,6-dihydro[2,1-a]isoindole under mild conditions. <i>RSC Advances</i> , 2014 , 4, 43315-43320	3.7	6
35	C ₆₀ coupling reactions using a gold(III) phosphorus complex confined within metal-organic framework fibers in aqueous solution. <i>RSC Advances</i> , 2017 , 7, 50838-50843	3.7	6
34	Green synthesis of Dy ₂ Ce ₂ O ₇ Nanoparticles Immobilized on Fibrous Nano-silica for Synthesis of 3-Aryl-2-oxazolidinones from Alkenes, Amines, and Carbon Dioxide. <i>Catalysis Letters</i> , 2020 , 150, 1729-1740	2.8	6
33	Synthesis and characterization of a novel ruthenium(II) trisbipyridine complex magnetic nanocomposite for the selective oxidation of phenols.. <i>RSC Advances</i> , 2019 , 9, 28078-28088	3.7	5
32	Nanostructured Silica-Nd ₂ Sn ₂ O ₇ Hybrid Using Fibrous Nanosilica as Photocatalysts for Degradation of Metronidazole in Simulated Wastewater. <i>Catalysis Letters</i> , 2020 , 150, 2003-2012	2.8	5
31	Synthesis of pyridopyrimidinones by N-heterocyclic carbene palladium(II) supported on KCC-1 in aqueous solution. <i>Journal of Organometallic Chemistry</i> , 2018 , 868, 47-54	2.3	5
30	Ruthenium Salen Complex Immobilized on FeNi ₃ Magnetic Nanoparticles: The Efficient, Green and Reusable Nanocatalyst for Heck and Suzuki Coupling Reactions. <i>Catalysis Letters</i> , 2016 , 146, 2555-2565	2.8	5
29	Co-immobilization of Laccase and TEMPO onto Glycidylxypropyl Functionalized Fibrous Phosphosilicate Nanoparticles for Fixing CO ₂ into β -xopropylcarbamatesin. <i>Catalysis Letters</i> , 2019 , 149, 3465-3475	2.8	5
28	PbS nanoparticles stabilized on HPG-modified FeNi ₃ as catalyst for synthesis of 2-amino-4H-chromene under mild conditions. <i>Journal of the Iranian Chemical Society</i> , 2014 , 11, 1197-1205	3.6	5
27	Palladium-Salen-bridged ionic networks immobilized on magnetic dendritic silica fibers for the synthesis of cyclic carbonates by oxidative carboxylation. <i>New Journal of Chemistry</i> , 2020 , 44, 1269-1277	3.6	5
26	Synthesis of 3-sulfenylindoles by Pd (II) nanoclusters confined within metal-organic framework fibers in aqueous solution. <i>Journal of Organometallic Chemistry</i> , 2018 , 855, 1-6	2.3	5
25	Synthesis of tetramethylquinoline-2,4-diamine using FeNi ₃ /KCC-1/APTPOSS-supported copper cyclam and salen complex as a reusable catalyst. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4560	3.1	5
24	Highly efficient photocatalytic performance of dye-sensitized K-doped ZnO nanotapers synthesized by a facile one-step electrochemical method for quantitative hydrogen generation. <i>Journal of Solid State Electrochemistry</i> , 2020 , 24, 1599-1606	2.6	4
23	Synthesis of spiroindenopyridazine-4-pyran derivatives using Cr-based catalyst complexes supported on KCC-1 in aqueous solution.. <i>RSC Advances</i> , 2018 , 8, 6259-6266	3.7	4
22	Phosphosilicate nanosheets for supported palladium nanoparticles as a novel nanocatalyst. <i>Microporous and Mesoporous Materials</i> , 2019 , 275, 76-86	5.3	4
21	Ruthenium-Birhodanine complex supported over fibrousphosphosilicate for photocatalytic CO ₂ reduction to formate. <i>Catalysis Today</i> , 2020 , 340, 197-203	5.3	4

20	PrVO ₄ /SnD NPs as a Nanocatalyst for Carbon Dioxide Fixation to Synthesis Benzimidazoles and 2-Oxazolidinones. <i>Catalysis Letters</i> , 2021 , 151, 1623-1632	2.8	3
19	Green synthesis of PbCrO nanostructures using gum of ferula assa-foetida for enhancement of visible-light photocatalytic activity.. <i>RSC Advances</i> , 2018 , 8, 40934-40940	3.7	3
18	A versatile supported silver for heterogeneously catalysed processes: Synthesis of 3-Acyloxylindolines solvent-free conditions. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4130	3.1	2
17	Synthesis of Quinazolines Catalyzed by Immobilized Spirulina on Cellulose/Dendritic Fibrous Nanosilica (DFNS). <i>Silicon</i> , 2020 , 12, 2005-2015	2.4	2
16	Highly Selective Reduction of Carbon Dioxide to Methane on Novel Nanofibrous CoMn ₂ O ₄ Catalysts. <i>Catalysis Letters</i> , 2021 , 151, 184-193	2.8	2
15	Cu ₂ O Nanocatalysts Immobilized on p(SBMA) for Synergistic CO ₂ Activation to Afford Esters and Heterocycles at Ambient Pressure. <i>Catalysis Letters</i> , 2021 , 151, 2724-2733	2.8	2
14	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. <i>New Journal of Chemistry</i> , 2018 , 42, 10153-10160	3.6	2
13	Photooxidation of triarylphosphines under aerobic conditions in the presence of a gold(iii) complex on cellulose extracted from immobilized on nanofibrous phosphosilicate.. <i>RSC Advances</i> , 2019 , 9, 1509-1516	3.7	1
12	Synthesis of pyrazolopyrimidines in mild conditions by gold nanoparticles supported on magnetic ionic gelation in aqueous solution. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5663	3.1	1
11	Fabrication of Nitrogen-Enriched Graphene Oxide on the DFNS/Metal NPs as a Nanocatalysts for the Reduction of 4-Nitrophenol and 2-Nitroaniline. <i>Catalysis Letters</i> , 2021 , 151, 1882-1893	2.8	1
10	CdSnO ₃ /SnD NPs as a Nanocatalyst for Carbonylation of o-Phenylenediamine with CO ₂ . <i>Catalysis Letters</i> , 2021 , 151, 2807-2815	2.8	1
9	Control of the synthesis and morphology of nano dendritic CuAl ₂ O ₄ as a nanocatalyst for photoredox-catalyzed dicarbofunctionalization of styrenes with amines and CO ₂ . <i>New Journal of Chemistry</i> , 2021 , 45, 8942-8948	3.6	1
8	CO ₂ transformation under mild conditions using tripolyphosphate-grafted KCC-1-NH ₂ . <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018 , 193, 535-544	1	0
7	Nickel (II) dibenzotetramethyltetraaza[14]annulene supported on DFNS nanoparticles catalyst in carbonylative sonogashira coupling. <i>Inorganic Chemistry Communication</i> , 2021 , 125, 108441	3.1	0
6	Cu(II)-Based Ionic Liquid Supported on SBA-15 Nanoparticles Catalyst for the Oxidation of Various Alcohols into Carboxylic Acids in the Presence of CO ₂ . <i>Catalysis Letters</i> , 1	2.8	0
5	Green synthesis and characterization of Nd ₂ Ti ₂ O ₇ ceramic nanocomposites for the elimination of organic dyes in water. <i>Inorganic Chemistry Communication</i> , 2022 , 140, 109437	3.1	0
4	Cycloaddition of allylic chlorides, aryl alkynes, and carbon dioxide using nanoclusters of polyoxomolybdate buckyball supported by ionic liquid on dendritic fibrous nanosilica. <i>Journal of CO₂ Utilization</i> , 2022 , 61, 102035	7.6	0
3	Aluminium-based ruthenium/diamine catalysts for produce aliphatic polycarbonates from carbon dioxide and oxetanes. <i>Applied Organometallic Chemistry</i> , e6527	3.1	0

- 2 Ruthenium Nanocatalysts Immobilized on DFNS-IL Heterogeneous Catalyst for Hydroformylation of Alkenes with CO₂ and H₂. *Catalysis Letters*,1 2.8
- 1 Nanosheets CoMn₂O₄ as a nanocatalyst for green reduction of nitrophenol compounds. *Inorganic Chemistry Communication*, **2022**, 139, 109420 3.1