

# Khodabakhsh Niknam

## List of Publications by Year in descending order

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131  
papers

3,551  
citations

126907

33  
h-index

182427

51  
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158  
all docs

158  
docs citations

158  
times ranked

2712  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloud point extraction and flame atomic absorption spectrometric determination of cadmium(II), lead(II), palladium(II) and silver(I) in environmental samples. <i>Journal of Hazardous Materials</i> , 2009, 168, 1022-1027.	12.4	267
2	Silica-bonded S-sulfonic acid: an efficient and recyclable solid acid catalyst for the synthesis of 4,4- $\alpha^2$ -(arylmethylene)bis(1H-pyrazol-5-ols). <i>Tetrahedron Letters</i> , 2010, 51, 692-694.	1.4	112
3	Silica Bonded S-Sulfonic Acid: A Recyclable Catalyst for the Synthesis of Quinoxalines at Room Temperature. <i>Molecules</i> , 2009, 14, 1915-1926.	3.8	93
4	Silica-bonded N-propyl sulfamic acid as an efficient catalyst for the formylation and acetylation of alcohols and amines under heterogeneous conditions. <i>Tetrahedron Letters</i> , 2009, 50, 5210-5214.	1.4	82
5	1-Butyl-3-methylimidazolium Hydrogen Sulfate [Bmim]HSO <sub>4</sub> : An Efficient Reusable Acidic Ionic Liquid for the Synthesis of 1,8-Dioxo-octahydroxanthenes. <i>Journal of the Chinese Chemical Society</i> , 2009, 56, 659-665.	1.4	82
6	Synthesis of 1,2,4,5-tetrasubstituted imidazoles using silica-bonded propylpiperazine N-sulfamic acid as a recyclable solid acid catalyst. <i>Tetrahedron Letters</i> , 2011, 52, 4642-4645.	1.4	80
7	Silica-Bonded N-Propyl Sulfamic Acid: A Recyclable Catalyst for the Synthesis of 1,8-Dioxo-decahydroacridines, 1,8-Dioxo-octahydroxanthenes and Quinoxalines. <i>Journal of the Chinese Chemical Society</i> , 2010, 57, 998-1006.	1.4	79
8	Silica-bonded N-propylpiperazine sodium n-propionate as recyclable catalyst for synthesis of 4H-pyran derivatives. <i>Chinese Journal of Catalysis</i> , 2013, 34, 2245-2254.	14.0	77
9	Crown Ethers as New Catalysts in the Highly Regioselective Halogenative Cleavage of Epoxides with Elemental Halogen. <i>Journal of Organic Chemistry</i> , 1998, 63, 1455-1461.	3.2	71
10	Phenol-Containing Macrocyclic Diamides as New Catalysts in the Highly Regioselective Conversion of Epoxides to $\beta$ -Hydroxy Thiocyanates. <i>Journal of Organic Chemistry</i> , 2001, 66, 7287-7293.	3.2	70
11	Silica-bonded S-sulfonic acid as a recyclable catalyst for chemoselective synthesis of 1,1-diacetates. <i>Tetrahedron Letters</i> , 2009, 50, 4058-4062.	1.4	67
12	Silica-Bonded N-Propylpiperazine Sodium n-Propionate as Recyclable Basic Catalyst for Synthesis of 3,4-Dihydropyrano[c]chromene Derivatives and Biscoumarins. <i>Chinese Journal of Catalysis</i> , 2012, 33, 1840-1849.	14.0	67
13	Preparation of sulfuric acid ([3-(3-silicapropyl)sulfanyl]propyl)ester: A new and recyclable catalyst for the formylation and acetylation of alcohols under heterogeneous conditions. <i>Applied Catalysis A: General</i> , 2009, 366, 220-225.	4.3	63
14	Sulfuric Acid ([3-(3-Silicapropyl)sulfanyl]propyl)ester as a Recyclable Catalyst for the Synthesis of 4,4- $\alpha^2$ -(Arylmethylene)bis(1H-pyrazol-5-ols). <i>Chinese Journal of Catalysis</i> , 2011, 32, 1477-1483.	14.0	59
15	Silica-Grafted Ionic Liquids as Recyclable Catalysts for the Synthesis of 3,4-Dihydropyrano[c]chromenes and Pyra-no[2,3-c]pyrazoles. <i>Green and Sustainable Chemistry</i> , 2013, 03, 1-8.	1.2	57
16	Silica chemically bonded N-propyl kriptofix 21 and 22 with immobilized palladium nanoparticles for solid phase extraction and preconcentration of some metal ions. <i>Materials Science and Engineering C</i> , 2013, 33, 3180-3189.	7.3	57
17	Silica-bonded S-sulfonic acid: an efficient and recyclable solid acid catalyst for the three-component synthesis of $\beta$ -amino nitriles. <i>Tetrahedron Letters</i> , 2010, 51, 2959-2962.	1.4	53
18	Iodine and iodine supported on polyvinylpyrrolidone as catalysts and reagents for alcoholysis, hydrolysis, and acetolysis of epoxides and thiiranes. <i>Canadian Journal of Chemistry</i> , 1997, 75, 1913-1919.	1.1	52

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19	Silica-bonded N-propylsulfamic acid as a recyclable catalyst for the synthesis of 2,3-dihydroquinazolin-4(1H)-ones. Chinese Chemical Letters, 2011, 22, 69-72.	9.0	50
20	Silica Sulfuric Acid, an Efficient and Recyclable Solid Acid Catalyst for the Synthesis of 4,4-((Arylmethylene)bis(1H-pyrazol-5-ols)). Synthetic Communications, 2011, 41, 2403-2413.	2.1	49
21	Preparation of Silica-Based Ionic Liquid an Efficient and Recyclable Catalyst for One-Pot Synthesis of $\alpha$ -Aminonitriles. Catalysis Letters, 2011, 141, 1713-1720.	2.6	48
22	Preparation of carbon nanotube-supported $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> @CuO nanocomposite: a highly efficient and magnetically separable catalyst in cross-coupling of aryl halides with phenols. Catalysis Science and Technology, 2013, 3, 2025.	4.1	47
23	Simultaneous determination of Mn <sup>2+</sup> and Fe <sup>3+</sup> as 4,4-((4-chlorophenyl)methylene)bis(3-methyl-1-phenyl-1H-pyrazol-5-ol) complexes in some foods, vegetable and water samples by artificial neural networks. Food Chemistry, 2013, 138, 991-997.	8.2	47
24	Development of efficient method for preconcentration and determination of copper, nickel, zinc and iron ions in environmental samples by combination of cloud point extraction and flame atomic absorption spectrometry. Open Chemistry, 2009, 7, 148-154.	1.9	45
25	Diethylene glycol-bis(3-methylimidazolium) dihydroxide as a dicationic ionic liquid catalyst for the synthesis of 4H-pyran derivatives in aqueous medium. Tetrahedron Letters, 2016, 57, 361-365.	1.4	43
26	Cobalt(II)-Selective Membrane Electrode Based on a Recently Synthesized Benzo-Substituted Macrocylic Diamide.. Analytical Sciences, 2001, 17, 1049-1054.	1.6	41
27	Synthesis of 4,4-((Arylmethylene)bis(1H-pyrazol-5-ols) Using Silica-bonded Ionic Liquid as Recyclable Catalyst. International Journal of Chemistry, 2012, 4, .	0.3	40
28	Silica sulfuric acid as an efficient and recyclable catalyst for the methoxymethylation of alcohols under solvent-free conditions. Catalysis Communications, 2006, 7, 494-498.	3.3	39
29	Silica-bonded <i>S</i> -sulfonic acid as recyclable catalyst for the synthesis of 1,8-dioxo-decahydroacridines and 1,8-dioxo-octahydroxanthenes. Journal of Heterocyclic Chemistry, 2010, 47, 292-300.	2.6	39
30	Silica sulfuric acid promoted aromatization of 1,2-dihydroquinolines by using NaNO <sub>2</sub> as oxidizing agent under mild and heterogeneous conditions. Catalysis Communications, 2007, 8, 1427-1430.	3.3	36
31	Silica-bonded <i>S</i> -sulfonic Acid as a Recyclable Catalyst for Synthesis of 2,3-Dihydroquinazolin-4(1 <i>H</i> )-ones. Chinese Journal of Chemistry, 2011, 29, 1417-1422.	4.9	36
32	Silica Sulfuric Acid and Al(HSO <sub>4</sub> ) <sub>3</sub> : As Efficient Catalysts for the Formylation of Alcohols by Using Ethyl Formate under Heterogeneous Conditions. Journal of the Chinese Chemical Society, 2008, 55, 885-889.	1.4	35
33	Cobalt(II)-Selective Coated Graphite PVC-Membrane Electrode Based on a Recently Synthesized Dibenzopyridino-Substituted Macrocylic Diamide. Electroanalysis, 2002, 14, 729.	2.9	34
34	1,3-Dibromo-5,5-diethylbarbituric acid as an efficient catalyst for the protection of various alcohols with HMDS under solvent-free conditions. Catalysis Communications, 2007, 8, 917-920.	3.3	32
35	Application of Cloud Point Extraction for Copper, Nickel, Zinc and Iron Ions in Environmental Samples. Journal of the Chinese Chemical Society, 2009, 56, 981-986.	1.4	32
36	Synthesis, Structural Studies, and $\alpha$ -Glucosidase Inhibitory, Antidiabetic, and Antioxidant Activities of 2,3-Dihydroquinazolin-4(1 <i>H</i> )-ones Derived from Pyrazol-4-carbaldehyde and Anilines. ACS Omega, 2019, 4, 18087-18099.	3.5	31

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37	The halogen-mediated opening of epoxides in the presence of pyridine-containing macrocycles. <i>Tetrahedron</i> , 2001, 57, 6057-6064.	1.9	29
38	Efficient Synthesis of 3,4-Dihydropyrimidin-2(1H)-one Using Metal Hydrogen Sulfates $M(HSO_4)_n$ as Catalyst under Solvent-Free Conditions. <i>Chinese Journal of Catalysis</i> , 2007, 28, 591-595.	14.0	29
39	Determination of Cu, Fe, Pb and Zn by Flame-AAS after Preconcentration Using Sodium Dodecyl Sulfate Coated Alumina Modified with Complexing Agent. <i>Journal of the Chinese Chemical Society</i> , 2009, 56, 150-157.	1.4	29
40	A green route for the cross-coupling of azide anions with aryl halides under both base and ligand-free conditions: exceptional performance of a $Cu_2O@Cu-C$ nanocomposite. <i>RSC Advances</i> , 2018, 8, 25785-25793.	3.6	29
41	Molybdato-phosphoric Acid/ $NaNO_2$ /Wet $SiO_2$ as an Efficient System for Oxidation of 1,4-Dihydropyridines under Mild and Heterogeneous Conditions. <i>Heterocycles</i> , 2005, 65, 657.	0.7	28
42	N-Bromo Reagent Mediated Oxidation of Urazoles to Their Corresponding Triazolinediones under Mild and Heterogeneous Conditions. <i>Monatshefte für Chemie</i> , 2008, 139, 261-265.	1.8	27
43	Synthesis of spirooxindole pyrimidines catalyzed by silica-bonded N-propyltriethylenetetramine as a recyclable solid base catalyst in aqueous medium. <i>Monatshefte für Chemie</i> , 2015, 146, 683-690.	1.8	27
44	Novel pyrrole derivatives bearing sulfonamide groups: Synthesis in vitro cytotoxicity evaluation, molecular docking and DFT study. <i>Journal of Molecular Structure</i> , 2017, 1146, 242-253.	3.6	27
45	A facile and convenient method for the preparation of macrocyclic diamides. <i>Journal of Heterocyclic Chemistry</i> , 1999, 36, 601-606.	2.6	26
46	A Cloud Point Extraction Procedure for Preconcentration/Flame Atomic Absorption Spectrometric Determination of Silver, Zinc, and Lead at Subtrace Levels in Environmental Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 907-913.	1.5	26
47	Synthesis of Some New 1,4-Distyrylbenzenes Using Immobilized Palladium Nanoparticles on Silica Functionalized Morpholine as a Recyclable Catalyst. <i>Synthesis</i> , 2011, 2011, 1609-1615.	2.3	26
48	Silica-bonded S-sulfonic acid a recyclable catalyst for the synthesis of coumarins. <i>Chinese Chemical Letters</i> , 2009, 20, 1444-1448.	9.0	25
49	Nucleophilic ring-opening of epoxides: trends in $\beta^2$ -substituted alcohols synthesis. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 2033-2081.	2.2	25
50	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001, 40, 303-307.	1.6	24
51	$M(HSO_4)_n$ -Promoted Synthesis of 2-Aryl-1-arylmethyl-1H-1,3-benzimidazole Derivatives. <i>Synthetic Communications</i> , 2008, 38, 2919-2928.	2.1	24
52	Metal Hydrogen Sulfates $M(HSO_4)_n$ : As Efficient Catalysts for the Synthesis of Quinoxalines in EtOH at Room Temperature. <i>Journal of the Chinese Chemical Society</i> , 2008, 55, 1373-1378.	1.4	24
53	Synthesis of 2-Amino-4,6-diarylnicotinonitriles Using Silica-Bound N-Propyl Triethylenetetramine Sulfamic Acid as a Recyclable Solid Acid Catalyst. <i>Chinese Journal of Catalysis</i> , 2012, 33, 1312-1317.	14.0	24
54	Preparation of silica-bonded N-propyltriethylenetetramine as a recyclable solid base catalyst for the synthesis of 4,4'-((arylmethylene)bis(1H-pyrazol-5-ols)). <i>Monatshefte für Chemie</i> , 2013, 144, 987-992.	1.8	24

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55	1-Butyl-3-methylimidazolium Hydrogen Sulfate [bmim]HSO <sub>4</sub> : An Efficient Reusable Acidic Ionic Liquid for the Formylation of Alcohols. Chinese Journal of Chemistry, 2009, 27, 1548-1552.	4.9	23
56	Antibacterial studies of hydroxyspiro[indoline-3,9-xanthene]trione against spiro[indoline-3,9-xanthene]trione and their use as acetyl and butyrylcholinesterase inhibitors. Microbial Pathogenesis, 2019, 130, 95-99.	2.9	22
57	Aromatization of 1,4-dihydropyridines in the presence of methanesulfonic acid/NaNO <sub>2</sub> /wet SiO <sub>2</sub> under both heterogeneous and solvent free conditions. Journal of Heterocyclic Chemistry, 2006, 43, 199-202.	2.6	21
58	Tribromoisocyanuric Acid and DABCO-Br as Efficient Catalysts for the Silylation of Hydroxyl Groups with Hexamethyldisilazane. Chinese Journal of Catalysis, 2008, 29, 901-906.	14.0	21
59	Copper nanoparticles on charcoal: an effective nanocatalyst for the synthesis of enol carbamates and amides via an oxidative coupling route. Tetrahedron Letters, 2016, 57, 95-99.	1.4	21
60	Preparation of different amides via Ritter reaction from alcohols and nitriles in the presence of silica-bonded N-propyl sulphamic acid (SBNPSA) under solvent-free conditions. Journal of Chemical Sciences, 2012, 124, 1025-1032.	1.5	20
61	Synthesis of spiro[indoline-3,4-pyrano[2,3-c]pyrazole] and spiro[indoline-3,4-pyrano[2,3-c]chromene] derivatives using silica-bonded ionic liquids as a recyclable catalyst in aqueous medium. Journal of the Iranian Chemical Society, 2016, 13, 859-871.	2.2	20
62	Cesium-selective membrane electrode based on a recently synthesized 16-membered macrocyclic diamide. Fresenius' Journal of Analytical Chemistry, 2001, 371, 1104-1108.	1.5	19
63	Metal Hydrogen Sulfates Catalyzed Methoxymethylation of Alcohols under Solvent-Free Conditions. Journal of the Chinese Chemical Society, 2007, 54, 1067-1073.	1.4	19
64	H <sub>4</sub> SiW <sub>12</sub> O <sub>40</sub> ·xH <sub>2</sub> O as a New Catalyst for the Synthesis of 3,4-Dihydropyrimidin-2(1H)-one. Heterocycles, 2007, 71, 373.	0.7	19
65	Friedländer Quinoline Synthesis Catalyzed by M(HSO <sub>4</sub> ) <sub>n</sub> (M=Al, Mg, Ca) under Solvent-Free Conditions. Heterocycles, 2008, 75, 2513.	0.7	19
66	Synthesis of some new bis-3,4-dihydropyrimidin-2(1H)-ones by using silica-supported tin chloride and titanium tetrachloride. Chinese Chemical Letters, 2010, 21, 399-402.	9.0	19
67	Silica-bonded S-sulfonic acid as a recyclable catalyst for the silylation of hydroxyl groups with hexamethyldisilazane (HMDS). Canadian Journal of Chemistry, 2010, 88, 164-171.	1.1	19
68	Silphox [POCl <sub>3</sub> ·(SiO <sub>2</sub> ) <sub>n</sub> ] as a New, Efficient, and Heterogeneous Reagent for the Synthesis of Benzimidazole Derivatives Under Microwave Irradiation. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 184, 147-155.	1.6	18
69	1-Butyl-3-methylimidazolium Hydrogen Sulfate ([bmim]-HSO <sub>4</sub> )-Mediated Synthesis of Polysubstituted Quinolines. Synthetic Communications, 2011, 41, 2103-2114.	2.1	18
70	Tribromoisocyanuric Acid (TBCA) and Oxone®/MX Systems as Oxidizing Agents: Oxidative Coupling of Thiols to Their Corresponding Disulfides under Mild and Heterogeneous Conditions. Journal of the Chinese Chemical Society, 2007, 54, 1115-1118.	1.4	17
71	CONVERSION OF EPOXIDES INTO 2-HYDROXYETHYL THIOCYANATES WITH NH <sub>4</sub> SCN IN THE PRESENCE OF 2,6-BIS[2-(O-AMINO PHENOXY)METHYL]-4-BROMO-1-METHOXYBENZENE (BABMB) AS CATALYST. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 499-506.	1.6	16
72	Alumina-Methanesulfonic Acid (AMA)/NaNO <sub>2</sub> as an Efficient Procedure for the Chemoselective Nitrosation of Secondary Amines. Synthetic Communications, 2006, 36, 2311-2319.	2.1	16

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73	Silica-Bonded S-Sulfonic Acid: A Recyclable Catalyst for the Synthesis of Trisubstituted Imidazoles under Solvent-free Conditions. <i>Chinese Journal of Chemistry</i> , 2010, 28, 663-669.	4.9	16
74	Preparation of Silica-Bonded S-Sulfonic Acid: A Recyclable Catalyst for the Synthesis of Bis-Indolylmethanes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 875-882.	1.6	16
75	Preparation of Silica-Bonded Propyl-diethylene-triamine-Sulfamic Acid as a Recyclable Catalyst for Chemoselective Synthesis of 1,1-Diacetates. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2361-2367.	4.9	16
76	Silica-Bonded N-Propyl Diethylenetriamine Sulfamic Acid as a Recyclable Solid Acid Catalyst for the Synthesis of $\alpha$ -Aminonitriles. <i>Chinese Journal of Catalysis</i> , 2012, 33, 1095-1100.	14.0	16
77	Preparation of Silica Supported Tin Chloride: As a Recyclable Catalyst for the Silylation of Hydroxyl Groups with HMDS. <i>Journal of the Chinese Chemical Society</i> , 2009, 56, 1257-1264.	1.4	15
78	Synthesis of new 1,5-diaryl-3-(arylamino)-1H-pyrrol-2(5H)-ones under catalyst-free and solvent-free conditions. <i>Molecular Diversity</i> , 2014, 18, 111-117.	3.9	15
79	One-Pot Solvent-Free Synthesis of Diaryl 1,2-Diketones by the Sequential Heck Oxidation Reaction of Aryl Halides with Styrenes. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 169-173.	2.7	15
80	Cleavage of epoxides into halohydrins with elemental iodine and bromine in the presence of 2,6-bis[2-(o-aminophenoxy)methyl]-4-bromo-1-methoxybenzene (BABMB) as catalyst. <i>Tetrahedron</i> , 2002, 58, 10259-10261.	1.9	14
81	Dowex Polymer-Mediated Protection of Carbonyl Groups. <i>Synthetic Communications</i> , 2005, 35, 2231-2236.	2.1	14
82	Modification of silica using piperazine for immobilization of palladium nanoparticles: a study of its catalytic activity as an efficient heterogeneous catalyst for Heck and Suzuki reactions. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 527-534.	2.2	14
83	Oxidative self-coupling of aldehydes in the presence of CuCl <sub>2</sub> /TBHP system: direct access to symmetrical anhydrides. <i>Tetrahedron Letters</i> , 2016, 57, 566-569.	1.4	14
84	Assessment of antibacterial activity of two different sizes of colloidal silver nanoparticle (cAgNPs) against <i>Vibrio harveyi</i> isolated from shrimp <i>Litopenaeus vannamei</i> . <i>Aquaculture International</i> , 2017, 25, 463-472.	2.2	14
85	Molybdato-phosphoric Acid/NaNO <sub>2</sub> as an Efficient Procedure for the Chemoselective N-Nitrosation of Secondary Amines. <i>Journal of the Chinese Chemical Society</i> , 2006, 53, 669-676.	1.4	13
86	Synthesis of 1,2,4,5-Tetrasubstituted Imidazoles Using Sulfuric Acid		



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91	Silica-functionalized N-propylpiperazine for immobilization of palladium nanoparticles as efficient heterogeneous catalyst for cyanation reactions. <i>Chinese Journal of Catalysis</i> , 2013, 34, 718-722.	14.0	12
92	PEG- $\text{N}_2\text{O}_4$ System as an Efficient Reagent both for the Rapid Oxidation of Urazoles and 1,4-Dihydropyridines under Nonaqueous Conditions. <i>Journal of the Chinese Chemical Society</i> , 2008, 55, 704-711.	1.4	11
93	Sulfuric acid {[3-(3-silicaprolyl)sulfanyl]propyl}ester a recyclable catalyst for the synthesis of 2-aryl-1-arylmethyl-1H-1,3-benzimidazole derivatives. <i>Chinese Chemical Letters</i> , 2011, 22, 1151-1151.	9.0	11
94	Immobilized palladium nanoparticles on silica functionalized N-propylpiperazine sodium N-propionate (SBPPSP): catalytic activity evaluation in copper-free Sonogashira reaction. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 1291-1296.	2.2	11
95	Blue to red electroluminescence emission from organic light-emitting diodes based on $\text{I}^{\text{r}}$ -conjugated organic semiconductor materials. <i>Journal of Photonics for Energy</i> , 2014, 4, 043599.	1.3	11
96	Ruthenium/dendrimer complex immobilized on silica-functionalized magnetite nanoparticles catalyzed oxidation of stilbenes to benzil derivatives at room temperature. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5563.	3.5	11
97	PEG- $\text{N}_2\text{O}_4$ : An Efficient Nitrating Agent for the Selective Mono- and Dinitration of Phenols Under Mild Conditions. <i>Synthetic Communications</i> , 2008, 38, 3366-3374.	2.1	10
98	The Solid Phase Extraction of Some Metal Ions Using Palladium Nanoparticles Attached to Silica Gel Chemically Bonded by Silica-Bonded N-Propylmorpholine as New Sorbent prior to Their Determination by Flame Atomic Absorption Spectroscopy. <i>Scientific World Journal</i> , The, 2012, 2012, 1-9.	2.1	10
99	Combination of flotation and flame atomic absorption spectrometry for determination, preconcentration and separation of trace amounts of metal ions in biological samples. <i>Human and Experimental Toxicology</i> , 2013, 32, 504-512.	2.2	10
100	Application of cloud point preconcentration and flame atomic absorption spectrometry for the determination of cadmium and zinc ions in urine, blood serum and water samples. <i>Química Nova</i> , 2013, 36, 368-374.	0.3	10
101	Synthesis of naphthoxazinone derivatives using silica-bonded S-sulfonic acid as catalyst under solvent-free conditions. <i>Journal of Chemical Sciences</i> , 2015, 127, 1315-1320.	1.5	10
102	Synthesis of benzopyrano[2,3-d]pyrimidines using silica-bonded N-propylpiperazine sodium N-propionate as heterogeneous solid base catalyst under solvent-free conditions. <i>Monatshefte für Chemie</i> , 2016, 147, 1129-1135.	1.8	10
103	Synthesis and characterization of hydrophilic gilsonite fine particles for improving water-based drilling mud properties. <i>Journal of Dispersion Science and Technology</i> , 2020, 41, 1633-1642.	2.4	9
104	Recent advances in preparation and application of sulfonic acid derivatives bonded to inorganic supports. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 3095-3178.	2.2	9
105	Efficient Reduction of Nitroarenes to the Corresponding Anilines with Sulfur in Basic Media under Solvent-Free Conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2003, 178, 1385-1389.	1.6	8
106	Solvent-assisted intramolecular proton transfer in thiopurinol: application of M06-2X functional. <i>Structural Chemistry</i> , 2018, 29, 383-391.	2.0	8
107	Powerful and Phosphine-Free Palladium-Catalyzed Selective Formylation of Aryl Halides with Formic Acid as CO Source. <i>Catalysis Letters</i> , 2020, 150, 1970-1975.	2.6	8
108	$\text{N}_2\text{O}_4$ Chemisorbed onto $\text{I}^{\text{r}}$ -Propylsilica Kryptofix 21 and Kryptofix 22 as Two New Functional Polymers for the Fast Oxidation of Urazoles and 1,4-Dihydropyridines. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 596-599.	2.6	7

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109	Synthesis of 2- <i>N</i> -Aryl-1- <i>N</i> -arylmethyl-1 <i>H</i> -1,3-benzimidazole Derivatives Using Silica-bonded Propylsulfonic Acid as Recyclable Solid Acid Catalyst. Chinese Journal of Chemistry, 2012, 30, 517-521.	4.9	7
110	1,2,3-Triazole framework: a strategic structure for C-H...X hydrogen bonding and practical design of an effective Pd-catalyst for carbonylation and carbon-carbon bond formation. RSC Advances, 2021, 11, 20812-20823.	3.6	7
111	Molybdato-phosphoric Acid/NaNO <sub>2</sub> /Wet SiO <sub>2</sub> as an Efficient System for the Aromatization of 1,2-Dihydroquinolines under Mild and Heterogeneous Conditions. Synthetic Communications, 2007, 37, 1091-1096.	2.1	6

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127	Synthesis of 2,3,4,5-tetrasubstituted pyrroles and 1,4-dihydro-tetraarylpyrazines using acidic alumina as a heterogeneous catalyst. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1953-1961.	2.2	1
128	Sensitive Ion-Flotation Separation of Ag(I) Traces Using 2-(2-Methoxyphenyl)benzimidazole before Flame Atomic Absorption Spectrometric Determination in Water. <i>Clean - Soil, Air, Water</i> , 2012, 40, 640-647.	1.1	0
129	Full MP2 study of solvent implicit and explicit effect on tautomers of Dithio-Biuret. <i>Physics and Chemistry of Liquids</i> , 2019, 57, 274-282.	1.2	0
130	Science Education in Iran. , 2014, , 1-4.		0
131	Organic/inorganic copper(I)-based ionic structures [cation] <sub>2</sub> [CuCl <sub>2</sub> ] <sub>2</sub> : Efficient and versatile nanocatalysts for organic reactions. <i>Journal of Organometallic Chemistry</i> , 2022, 962, 122271.	1.8	0