

# Masoumeh Abedini

## List of Publications by Year in descending order

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46  
papers

830  
citations

361413

20  
h-index

526287

27  
g-index

61  
all docs

61  
docs citations

61  
times ranked

692  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of Some Metal Hydrogen Sulfates in Organic Transformations. <i>Current Organic Chemistry</i> , 2008, 12, 183-202.	1.6	75
2	A clean synthesis of bis(indolyl)methane and biscoumarin derivatives using $P_{4VP} @ CuO$ nanoparticles as a new, efficient and heterogeneous polymeric catalyst. <i>RSC Advances</i> , 2016, 6, 48469-48478.	3.6	49
3	One-pot synthesis of 4,4'-((arylmethylene)-bis-(3-methyl-1-phenyl-1H-pyrazol-5-yls)) catalyzed by Brønsted acidic ionic liquid supported on nanoporous $Na^+$ -montmorillonite. <i>Journal of Molecular Liquids</i> , 2015, 208, 291-297.	4.9	45
4	N-sulfonic acid poly(4-vinylpyridinium) chloride: A novel polymeric and reusable catalyst for the preparation of xanthenes derivatives. <i>Dyes and Pigments</i> , 2013, 99, 250-255.	3.7	40
5	Silylation and Tetrahydropyranlation of Alcohols Catalyzed by $Al(HSO_4)_3$ . <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 1982-1985.	3.2	38
6	Introduction of a new bi- $SO_3H$ ionic liquid based on 2,2'-bipyridine as a novel catalyst for the synthesis of various xanthene derivatives. <i>RSC Advances</i> , 2014, 4, 63526-63532.	3.6	37
7	Synthesis of benzimidazole and quinoxaline derivatives using reusable sulfonated rice husk ash (RHA- $SO_3H$ ) as a green and efficient solid acid catalyst. <i>Research on Chemical Intermediates</i> , 2016, 42, 1091-1099.	2.7	37
8	Copper iodide nanoparticles on poly(4-vinyl pyridine) as new and green catalyst for multicomponent click synthesis of 1,4-disubstituted-1,2,3-triazoles in water. <i>Chinese Chemical Letters</i> , 2012, 23, 797-800.	9.0	31
9	$Al(HSO_4)_3$ as an Efficient Catalyst for the Acetylation of Alcohols in Solution and Under Solvent Free Conditions. <i>Monatshefte für Chemie</i> , 2004, 135, 279-282.	1.8	28
10	Chemoselective trimethylsilylation of alcohols catalyzed by saccharin sulfonic acid. <i>Monatshefte für Chemie</i> , 2009, 140, 61-64.	1.8	28
11	Introduction of W-doped ZnO nanocomposite as a new and efficient nanocatalyst for the synthesis of biscoumarins in water. <i>Journal of Nanostructure in Chemistry</i> , 2015, 5, 123-130.	9.1	28
12	Poly(vinylpyrrolidonium) perchlorate catalyzed one-pot synthesis of tricyclic dihydropyrimidine derivatives. <i>Research on Chemical Intermediates</i> , 2016, 42, 6221-6229.	2.7	27
13	Poly(vinylpyrrolidinium) perchlorate as a new and efficient catalyst for the promotion of the synthesis of polyhydroquinoline derivatives via Hantzsch condensation. <i>Research on Chemical Intermediates</i> , 2016, 42, 2303-2315.	2.7	27
14	N-Sulfonic acid poly(4-vinylpyridinium) chloride as a highly efficient and reusable catalyst for the Biginelli reaction. <i>Chinese Chemical Letters</i> , 2014, 25, 111-114.	9.0	24
15	Efficient synthesis of 2H-indazolo[2,1-b]phthalazine-trione derivatives using succinimidinium N-sulfonic acid hydrogen sulfate as a new ionic liquid catalyst. <i>Journal of Molecular Liquids</i> , 2015, 212, 405-412.	4.9	24
16	Saccharinsulfonic acid: an efficient and recyclable catalyst for acetylation of alcohols, phenols, and amines. <i>Monatshefte für Chemie</i> , 2009, 140, 1495-1498.	1.8	23
17	Nanocrystalline $TiO_2$ as an efficient and reusable catalyst for the chemoselective trimethylsilylation of primary and secondary alcohols and phenols. <i>Chinese Chemical Letters</i> , 2011, 22, 1211-1211.	9.0	23
18	Efficient synthesis of bis (indolyl) methanes catalyzed by $(PhCH_2PPh_3)_3Br^+$ under solvent-free conditions. <i>Chinese Chemical Letters</i> , 2010, 21, 1342-1345.	9.0	22

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19	Introduction of titania sulfonic acid (TiO <sub>2</sub> -SO <sub>3</sub> H) as a new, efficient, and reusable heterogenous solid acid catalyst for the synthesis of biscoumarins. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 1279-1288.	1.6	22
20	Silica sulfuric acid: A versatile reagent for oxathioacetalization of carbonyl compounds and deprotection of 1,3-oxathiolanes. Chinese Chemical Letters, 2009, 20, 1457-1460.	9.0	21
21	Copper iodide nanoparticles on poly(4-vinylpyridine): A new and efficient catalyst for the synthesis of 1,8-dioxooctahydroxanthenes under solvent-free conditions. Journal of Chemical Sciences, 2013, 125, 295-298.	1.5	16
22	Succinimidinium N-sulfonic acid hydrogen sulfate as an efficient ionic liquid catalyst for the synthesis of 5-arylmethylene-pyrimidine-2,4,6-trione and pyrano[2,3-d]pyrimidinone derivatives. Research on Chemical Intermediates, 2016, 42, 4443-4458.	2.7	15
23	Synthesis of chromene derivatives in the presence of mordenite zeolite/MIL-101 (Cr) metal-organic framework composite as catalyst. Applied Organometallic Chemistry, 2019, 33, e4801.	3.5	15
24	Oxidation of alcohols using (NH <sub>4</sub> ) <sub>2</sub> Cr <sub>2</sub> O <sub>4</sub> in the presence of Al(HSO <sub>4</sub> ) <sub>3</sub> and wet SiO <sub>2</sub> . Mendeleev Communications, 2003, 13, 265-266.	1.6	12
25	Introduction of a New Ionic Liquid Catalyst for the Trimethylsilyl and Tetrahydropyranyl Protection of Alcohols. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 1912-1921.	1.6	12
26	Al(HSO <sub>4</sub> ) <sub>3</sub> as an Efficient Reagent for the Selective Trimethylsilylation of Primary Alcohols Under Solvent-Free Conditions. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 2299-2302.	1.6	11
27	Efficient synthesis of 4H-pyran derivatives using a polymeric catalyst based on PVP. Journal of the Iranian Chemical Society, 2015, 12, 2105-2113.	2.2	10
28	Preparation, characterization, and application of 1,1'-disulfo-[2,2'-bipyridine]-1,1'-diium chloride ionic liquid as an efficient catalyst for the synthesis of benzimidazole derivatives. Research on Chemical Intermediates, 2015, 41, 7683-7693.	2.7	10
29	Introduction of a new high yielding method for the synthesis of 1, 8-dioxo-octahydroxanthenes using W-doped ZnO nanocomposite. Journal of Nanostructure in Chemistry, 2015, 5, 55-63.	9.1	9
30	V(HSO <sub>4</sub> ) <sub>3</sub> catalyzed chemoselectivity acetylation of alcohols and phenols in solution and under solvent-free conditions. Chinese Chemical Letters, 2009, 20, 439-443.	9.0	8
31	N-Sulfonic Acids: New, Efficient and Reusable Catalysts for the Acceleration of Organic Reactions. Current Organic Chemistry, 2015, 19, 2011-2039.	1.6	8
32	Vanadium Hydrogen Sulfate (I): Chemoselective Trimethylsilylation of Alcohols and Deprotection of Trimethylsilyl Ethers. Journal of the Chinese Chemical Society, 2008, 55, 943-946.	1.4	7
33	Sulfonic acid-functionalized ordered nanoporous Na <sup>+</sup> -montmorillonite (SANM) as an efficient and recyclable catalyst for the tetrahydropyranylation and detetrahydropyranylation of alcohols and phenols. Journal of Nanostructure in Chemistry, 2014, 4, 1.	9.1	7
34	Iranian chemists' efforts to provide various effective methods for the synthesis of xanthenes. Journal of the Iranian Chemical Society, 2014, 11, 791-824.	2.2	7
35	Efficient Synthesis of 2-H-Indazolo[2,1-b]Phthalazine-Triones Using [PVPH]ClO <sub>4</sub> as a Modified Polymeric Catalyst. Polycyclic Aromatic Compounds, 2021, 41, 419-426.	2.6	7
36	KBrO <sub>3</sub> /MoO <sub>3</sub> : An efficient reagent system for the oxidative deprotection of semicarbazones, 1,1-diacetates and acetals. Chinese Chemical Letters, 2009, 20, 514-518.	9.0	5

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37	Poly(4-vinylpyridinium bromochromate): an efficient reagent for bromination of aromatic compounds. Monatshefte für Chemie, 2013, 144, 179-181.	1.8	5
38	Regioselective iodination of aromatic compounds with potassium iodide in the presence of benzyltriphenylphosphonium perchlorate. Chinese Chemical Letters, 2012, 23, 261-264.	9.0	4
39	V(HSO <sub>4</sub> ) <sub>3</sub> promoted oxidation of alcohols and trimethylsilyl, tetrahydropyranyl and methoxymethyl ethers with Cu(NO <sub>3</sub> ) <sub>2</sub> ·3H <sub>2</sub> O in the absence of solvent. Chinese Chemical Letters, 2011, 22, 33-36.	9.0	3
40	P4VPy@CuO nanoparticles as a novel and reusable catalyst: application at the protection of alcohols, phenols and amines. Journal of the Iranian Chemical Society, 2016, 13, 1699-1712.	2.2	3
41	NaHSO <sub>4</sub> ·H <sub>2</sub> O promoted oxidative deprotection of trimethylsilyl, tetrahydropyranyl and methoxymethyl ethers with HIO <sub>3</sub> . Arkivoc, 2008, 2008, 71-78.	0.5	3
42	Efficient regeneration of aldehydes from their corresponding 1,3-oxathiolanes in the absence of solvent. Chinese Chemical Letters, 2011, 22, 421-423.	9.0	2
43	BiVO <sub>4</sub> -NPs as a new and efficient nano-catalyst for the synthesis of 1,8-dioxo-octahydro xanthenes. Journal of Nanostructure in Chemistry, 2014, 4, 1.	9.1	2
44	Al(HSO <sub>4</sub> ) <sub>3</sub> as an Efficient Catalyst for the Acetylation of Alcohols in Solution and Under Solvent Free Conditions.. ChemInform, 2004, 35, no.	0.0	0
45	Al(HSO <sub>4</sub> ) <sub>3</sub> as an Efficient Reagent for the Selective Trimethylsilylation of Primary Alcohols under Solvent-Free Conditions.. ChemInform, 2006, 37, no.	0.0	0
46	Succinimide based reagents: Useful catalysts for important organic reactions. Current Organocatalysis, 2022, 09, .	0.5	0