

Ahmad Reza Massah

List of Publications by Year in descending order

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52
papers

1,078
citations

361413

20
h-index

454955

30
g-index

68
all docs

68
docs citations

68
times ranked

1050
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of bentonite/PS-SO ₃ H nanocomposites as an efficient acid catalyst for the Biginelli reaction. <i>Applied Clay Science</i> , 2012, 55, 1-9.	5.2	75
2	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
3	Chemoselective and scalable preparation of alkyl tosylates under solvent-free conditions. <i>Tetrahedron</i> , 2007, 63, 5083-5087.	1.9	67
4	A designed experiment for CdS-AgBr photocatalyst toward methylene blue. <i>Environmental Science and Pollution Research</i> , 2022, 29, 33013-33032.	5.3	57
5	Uranyl-selective PVC membrane electrodes based on some recently synthesized benzo-substituted macrocyclic diamides. <i>Talanta</i> , 2002, 58, 237-246.	5.5	44
6	Synthesis, in vitro antibacterial and carbonic anhydrase II inhibitory activities of N-acylsulfonamides using silica sulfuric acid as an efficient catalyst under both solvent-free and heterogeneous conditions. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 5465-5472.	3.0	42
7	Highly selective vapor phase nitration of toluene to 4-nitro toluene using modified and unmodified H ₃ PO ₄ /ZSM-5. <i>Applied Catalysis A: General</i> , 2009, 353, 1-8.	4.3	38
8	Metal (Co, Mn)-amine-functionalized mesoporous silica SBA-15: synthesis, characterization and catalytic properties in hydroxylation of benzene. <i>Journal of Porous Materials</i> , 2011, 18, 475-482.	2.6	38
9	ZSM-5-SO ₃ H as a novel, efficient, and reusable catalyst for the chemoselective synthesis and deprotection of 1,1-diacetates under eco-friendly conditions. <i>Monatshefte für Chemie</i> , 2012, 143, 643-652.	1.8	37
10	Solvent-Free Williamson Synthesis: An Efficient, Simple, and Convenient Method for Chemoselective Etherification of Phenols and Bisphenols. <i>Synthetic Communications</i> , 2007, 37, 1807-1815.	2.1	30
11	Synthesis, Characterization and Application of Poly(4-Methyl Vinylpyridinium Hydroxide)/SBA-15 Composite as a Highly Active Heterogeneous Basic Catalyst for the Knoevenagel Reaction. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 2618-2626.	1.9	30
12	A Mild and Chemoselective Solvent-Free Method for the Synthesis of N-Aryl and N-Alkylsulfonamides. <i>Letters in Organic Chemistry</i> , 2006, 3, 235-241.	0.5	28
13	Production of Sophorolipid from an Identified Current Yeast, <i>Lachancea thermotolerans</i> BBMCZ7FA20, Isolated from Honey Bee. <i>Current Microbiology</i> , 2015, 71, 303-310.	2.2	27
14	A facile and convenient method for the preparation of macrocyclic diamides. <i>Journal of Heterocyclic Chemistry</i> , 1999, 36, 601-606.	2.6	26
15	A green, mild and efficient one-pot method for the synthesis of sulfonamides from thiols and disulfides in water. <i>RSC Advances</i> , 2012, 2, 6606.	3.6	26
16	Synthesis and properties of styrene-butylacrylate emulsion copolymers modified by silane compounds. <i>Journal of Applied Polymer Science</i> , 2009, 112, 1037-1044.	2.6	25
17	Synthesis, characterization and in vitro antibacterial activity of novel phthalazine sulfonamide derivatives. <i>Journal of Chemical Sciences</i> , 2017, 129, 1257-1266.	1.5	25
18	Highly selective oxidation of alcohols using MnO ₂ /TiO ₂ -ZrO ₂ as a novel heterogeneous catalyst. <i>Comptes Rendus Chimie</i> , 2012, 15, 428-436.	0.5	24

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19	Synthesis and application of polystyrene supported aluminium triflate as a new polymeric Lewis acid catalyst. <i>Reactive and Functional Polymers</i> , 2006, 66, 1126-1131.	4.1	23
20	A novel and efficient solvent-free and heterogeneous method for the synthesis of primary, secondary and bis-N-acylsulfonamides using metal hydrogen sulfate catalysts. <i>Tetrahedron</i> , 2009, 65, 7696-7705.	1.9	23
21	Green synthesis of novel quinoxaline sulfonamides with antibacterial activity. <i>Research on Chemical Intermediates</i> , 2017, 43, 4549-4559.	2.7	21
22	Highly Selective Synthesis of β -Amino Carbonyl Compounds over ZSM-5-SO ₃ H under Solvent-free Conditions. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 1703-1708.	1.9	21
23	Synthesis and characterization of BEA-SO ₃ H as an efficient and chemoselective acid catalyst. <i>Journal of Molecular Catalysis A</i> , 2011, 335, 51-59.	4.8	20
24	Solvent-Free Synthesis and Antibacterial Evaluation of Novel Coumarin Sulfonamides. <i>Pharmaceutical Chemistry Journal</i> , 2018, 52, 1-7.	0.8	17
25	An Efficient and Green Approach for the Esterification of Aromatic Acids with Various Alcohols over H ₃ PO ₄ /TiO ₂ -ZrO ₂ . <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 2361-2367.	1.9	16
26	Free-radical crosslinking copolymerization of acrylamide and N,N ² -methylenebis acrylamide by used Ce(IV)/polyethylene glycol and Ce(IV)/diethylmalonate redox initiator systems. <i>European Polymer Journal</i> , 2002, 38, 147-150.	5.4	15
27	Synthesis of some novel coumarin isoxazol sulfonamide hybrid compounds, 3D-QSAR studies, and antibacterial evaluation. <i>Scientific Reports</i> , 2021, 11, 20088.	3.3	15
28	Improved synthesis of phenylethylamine derivatives by Negishi cross-coupling reactions. <i>Tetrahedron</i> , 2010, 66, 9175-9181.	1.9	13
29	Synthesis, characterization, and application of a manganese Schiff base complex containing salicylaldehyde-poly(vinylamine)/SBA-15 as a novel heterogeneous hybrid catalyst. <i>RSC Advances</i> , 2013, 3, 12816.	3.6	13
30	Facile Synthesis of N-Acylsulfonamide in the Presence of Silica Chloride (SiO ₂ ·nHCl) both under Heterogeneous and Solvent-Free Conditions. <i>Synthetic Communications</i> , 2008, 38, 265-273.	2.1	12
31	In Situ trapping of Boc-2-pyrrolidinylmethylzinc Iodide with Aryl Iodides: Direct Synthesis of 2-Benzylpyrrolidines. <i>Journal of Organic Chemistry</i> , 2010, 75, 8275-8278.	3.2	12
32	Fast and Efficient Nitration of Salicylic Acid and Some Other Aromatic Compounds over H ₃ PO ₄ /TiO ₂ -ZrO ₂ Using Nitric Acid. <i>Chinese Journal of Chemistry</i> , 2010, 28, 397-403.	4.9	11
33	Synthesis and Anticancer Activity Assay of Novel Chalcone-Sulfonamide Derivatives. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 565-568.	0.5	11
34	Recent Advances in Biological Active Sulfonamide based Hybrid Compounds Part A: Two-Component Sulfonamide Hybrids. <i>Current Medicinal Chemistry</i> , 2023, 30, 407-480.	2.4	9
35	Bulk and supported tungstophosphoric acid as friendly, efficient, recyclable catalysts for the synthesis of bis-indolylmethanes under solvent-free conditions. <i>Heteroatom Chemistry</i> , 2009, 20, 325-331.	0.7	8
36	Synthesis and investigation of the theoretical and experimental optical properties of some novel azo pyrazole sulfonamide hybrids. <i>Materials Letters</i> , 2022, 317, 132132.	2.6	8

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37	Highly Selective Vapor-Phase Acylation of Veratrole over $\text{H}_3\text{PO}_4/\text{TiO}_2\text{-ZrO}_2$: Using Ethyl Acetate as a Green and Efficient Acylating Agent. <i>Chinese Journal of Chemistry</i> , 2010, 28, 273-284.	4.9	7
38	Crosslinked methyl methacrylate/ethylene glycol dimethacrylate polymer compounds with a macroazoinitiator. <i>Journal of Applied Polymer Science</i> , 2010, 116, 382-393.	2.6	7
39	Synthesis, Characterization, and Antimicrobial Evaluation of Sulfonamides Containing <i>N</i> -Acyl Moieties Catalyzed by Bismuth(III) Salts Under Both Solvent and Solvent-Free Conditions. <i>Synthetic Communications</i> , 2010, 40, 2753-2766.	2.1	7
40	Green and Efficient Method for the Acylation of Amines and Phenols in the Presence of Hydrotalcite in Water. <i>Journal of Chemical Research</i> , 2012, 36, 603-605.	1.3	7
41	Fabrication of a novel electrochemical sensor for the determination of water in some organic solvents based on naphthalene conducting polymers. <i>New Journal of Chemistry</i> , 2018, 42, 14926-14932.	2.8	7
42	Design, solvent-free synthesis and antibacterial activity evaluation of new coumarin sulfonamides. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 547-562.	2.2	7
43	Solvent-Free Synthesis of Novel Styrenesulfonamide Derivatives and Evaluation of their Antibacterial Activity. <i>Journal of Chemical Research</i> , 2015, 39, 141-144.	1.3	6
44	Synthesis and Antibacterial Evaluation of Novel Xanthone Sulfonamides. <i>Journal of Chemical Research</i> , 2015, 39, 433-437.	1.3	6
45	<i>N</i> -Acyl- <i>N</i> -(4-chlorophenyl)-4-nitrobenzenesulfonamides: highly selective and efficient reagents for acylation of amines in water. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016, 71, 95-104.	0.7	6
46	Dual Copper (II) Complex Supported on Diatomite as a Novel and Green Catalyst for the Synthesis of Dihydropyrano[3,2- <i>b</i>]Chromenediones and Aminopyranopyrans. <i>ChemistrySelect</i> , 2021, 6, 9833-9846.	1.5	6
47	ZSM-5- SO_3H : An Efficient Catalyst for Acylation of Sulfonamides Amines, Alcohols, and Phenols under Solvent-Free Conditions. <i>ISRN Organic Chemistry</i> , 2013, 2013, 1-12.	1.0	5
48	Preparation and properties of silicone-containing poly(methyl methacrylate) gels. <i>Polymer International</i> , 2005, 54, 1564-1571.	3.1	4
49	Free-radical cross-linking copolymerization of methyl methacrylate and ethylene glycol dimethacrylate in the presence of trimethoxyvinylsilane. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 992-999.	4.0	4
50	Biomimetic Aromatization of Hantzsch 1,4-Dihydropyridines by S-S Bonds under Mild Conditions. <i>Heterocycles</i> , 2007, 71, 2027.	0.7	3
51	Synthesis of 1,8-dioxo-octahydroxanthenes utilizing nanodiatomite@melamine- SO_3H as a novel heterogeneous catalyst under solvent-free conditions. <i>Journal of Chemical Sciences</i> , 2022, 134, .	1.5	3
52	Electrochemical Study of 1,5-Diaminonaphthalene in Aqueous Solution: Assessing Electrochemistry as a Green Synthetic Tool for the Synthesis of 4-Imino-4- <i>H</i> -dibenzo[<i>a</i>], [<i>h</i>]phenoxazin-11-ol. <i>Journal of the Electrochemical Society</i> , 2017, 164, G87-G91.	2.9	2