

Hassan Moghanian

List of Publications by Year in descending order

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60
papers

1,282
citations

393982

19
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377514

34
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70
all docs

70
docs citations

70
times ranked

1136
citing authors

#	ARTICLE	IF	CITATIONS
1	A Facile, Simple and Convenient Method for the Synthesis of 14-Alkyl or Aryl-14-H-Dibenzo[a,j]xanthenes Catalyzed by pTSA in Solution and Solvent-Free Conditions. <i>Synlett</i> , 2005, 2005, 0955-0958.	1.0	186
2	A Simple and Efficient Procedure for the Synthesis of Amidoalkyl Naphthols by p-TSA in Solution or under Solvent-Free Conditions. <i>Synlett</i> , 2006, 2006, 916-920.	1.0	155
3	Sulfanilic acid-functionalized silica-coated magnetite nanoparticles as an efficient, reusable and magnetically separable catalyst for the solvent-free synthesis of 1-amido- and 1-aminoalkyl-2-naphthols. <i>RSC Advances</i> , 2014, 4, 28176-28185.	1.7	95
4	Efficient One-Pot Synthesis of Polyhydroquinoline Derivatives Using Silica Sulfuric Acid as a Heterogeneous and Reusable Catalyst Under Conventional Heating and Energy-Saving Microwave Irradiation. <i>Synthetic Communications</i> , 2009, 39, 1166-1174.	1.1	48
5	Synthesis of a new class of azathia crown macrocycles containing two 1,2,4-triazole or two 1,3,4-thiadiazole rings as subunits. <i>Tetrahedron Letters</i> , 2009, 50, 836-839.	0.7	39
6	Bis(p-sulfoanilino)triazine-functionalized silica-coated magnetite nanoparticles as an efficient and magnetically reusable nano-catalyst for Biginelli-type reaction. <i>Research on Chemical Intermediates</i> , 2018, 44, 4083-4101.	1.3	39
7	Development of one-step synthesized LDH reinforced multifunctional poly(amide-imide) matrix containing xanthen rings: study on thermal stability and flame retardancy. <i>RSC Advances</i> , 2015, 5, 53726-53735.	1.7	36
8	A Catalytic and Green Procedure for Synthesis of 12-Aryl- or 12-Alkyl-8,9,10,12-Tetrahydrobenzo[\pm]xanthen-11-one Derivatives under Solvent-Free Conditions. <i>International Journal of Green Nanotechnology: Physics and Chemistry</i> , 2009, 1, P57-P63.	1.5	33
9	Synthesis, spectroscopy (vibrational, NMR and UV-vis) studies, HOMO-LUMO and NBO analysis of 8-formyl-7-hydroxy-4-methylcoumarin by ab initio calculations. <i>Journal of Molecular Structure</i> , 2013, 1052, 135-145.	1.8	29
10	Microwave-Assisted One-Pot Synthesis of 2-Amino-2-chromenes Using Piperazine as a Catalyst Under Solvent-Free Conditions. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2011, 41, 262-265.	0.6	28
11	Efficient poly(methyl-ether-imide)/LDH nanocomposite derived from a methyl rich bisphenol: From synthesis to properties. <i>Applied Clay Science</i> , 2016, 123, 285-291.	2.6	28
12	Synthesis and characterization of sodium polyaspartate-functionalized silica-coated magnetite nanoparticles: A heterogeneous, reusable and magnetically separable catalyst for the solvent-free synthesis of 2-amino-4-H-chromene derivatives. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4108.	1.7	28
13	Simple and Efficient Method for Synthesis of Novel 4-Substituted 1-Acylthiosemicarbazides via One-Pot Multicomponent Reactions. <i>Synthetic Communications</i> , 2009, 39, 3668-3676.	1.1	25
14	Ammonium Chloride-Catalyzed One-Pot Synthesis of Tetrahydrobenzo[\pm]xanthen-11-one Derivatives Under Solvent-Free Conditions. <i>Synthetic Communications</i> , 2011, 41, 2663-2673.	1.1	24
15	pTSA-catalyzed condensation of xlenols and aldehydes under solvent-free conditions: One-pot synthesis of 9H-xanthene or bisphenol derivatives. <i>Comptes Rendus Chimie</i> , 2013, 16, 1035-1041.	0.2	24
16	Synthesis, characterization and magnetic properties of novel heat resistant polyimide nanocomposites derived from 14H-dibenzo [a,j] xanthene. <i>Journal of Polymer Research</i> , 2014, 21, 1.	1.2	23
17	Synthesis and Characterization of New Optically Active Poly(amide-imide)s Based on N,N'-2-(Pyromellitoyl)-bis-L-Amino Acids and 1,3,4-Oxadiazole Moieties. <i>Designed Monomers and Polymers</i> , 2010, 13, 207-220.	0.7	22
18	proline N-sulfonic acid-functionalized magnetic nanoparticles: a novel and magnetically reusable catalyst for one-pot synthesis of 3,4-dihydropyrimidine-2-(1H)-thiones under solvent-free conditions. <i>RSC Advances</i> , 2016, 6, 59343-59351.	1.7	22

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19	Efficient Synthesis of 2-amino-4H-chromene Derivatives in the Presence of Piperazine-functionalized Fe ₃ O ₄ /SiO ₂ Magnetic Nanoparticles as a New Heterogeneous Reusable Catalyst Under Solvent-free Conditions. Letters in Organic Chemistry, 2014, 11, 432-439.	0.2	22
20	A Straightforward and Efficient Catalyst-free One-pot Synthesis of N-Acyl-1,3-diaryl-2-azaphenalene Derivatives via Multicomponent Reactions. Chemistry Letters, 2010, 39, 180-181.	0.7	21
21	Chitosan and imide-functional Fe ₃ O ₄ nanoparticles to prepare new xanthene based poly(ether-imide) nanocomposites. RSC Advances, 2016, 6, 112568-112575.	1.7	20
22	Copper containing poly(melamine-terephthaldehyde)-magnetite mesoporous nanoparticles: a highly active and recyclable catalyst for the synthesis of benzimidazole derivatives. Journal of Porous Materials, 2018, 25, 1123-1134.	1.3	20
23	Efficient, one-pot synthesis of xanthene derivatives using boron sulphonic acid as a solid heterogeneous catalyst under solvent-free conditions. Research on Chemical Intermediates, 2015, 41, 4387-4394.	1.3	19
24	A Novel Efficient Four- and Five-Component, One-Pot Synthesis of 4-Semicarbazonoalkyl-2-Naphthols. Synlett, 2008, 2008, 821-826.	1.0	18
25	Microwave-assisted efficient synthesis of azlactone derivatives using 2-aminopyridine-functionalized sphere SiO ₂ nanoparticles as a reusable heterogeneous catalyst. Chinese Chemical Letters, 2015, 26, 557-563.	4.8	17
26	Synthesis and characterization of new optically active poly(amide-imide)s containing 1,3,4-oxadiazole moiety in the main chain. Polymer Bulletin, 2010, 65, 319-332.	1.7	16
27	A Simple and Efficient Procedure for Synthesis of Optically Active 1,2,4-Triazolo[3,4-b]1,3,4-Thiadiazole Derivatives Containing Amino Acid Moieties. Journal of the Chinese Chemical Society, 2009, 56, 1043-1047.	0.8	15
28	Microwave-assisted efficient synthesis of azlactone derivatives using TsCl/DMF under solvent-free conditions. Comptes Rendus Chimie, 2012, 15, 346-349.	0.2	15
29	Facile green one-pot synthesis of novel thiazolo[3,2-a]pyrimidine derivatives using Fe ₃ O ₄ @arginine and their biological investigation as potent antimicrobial agents. Applied Organometallic Chemistry, 2017, 31, e3683.	1.7	15
30	Sulfamic Acid Catalyzed One-Pot Synthesis of Polyhydroquinolines via the Hantzsch Four Component Condensation Reaction. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2009, 39, 161-164.	0.6	14
31	Synthesis, characterization, anti-diabetic potential and DFT studies of 7-hydroxy-4-methyl-2-oxo-2H-chromene-8-carbaldehyde oxime. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 205, 111-131.	2.0	14
32	Simple and Efficient Procedure for the Synthesis of Novel 1,3-Diphenyl-2-azaphenalene Derivatives via One-Pot Multicomponent Reactions. Synthetic Communications, 2010, 40, 1812-1821.	1.1	13
33	Three component, one-pot synthesis of amidoalkyl naphthols using polyphosphate ester under solvent-free conditions. Journal of Saudi Chemical Society, 2014, 18, 165-168.	2.4	12
34	Synthesis and characterization of optically active poly(amide-imide)s containing photosensitive chalcone units in the main chain. Chinese Journal of Polymer Science (English Edition), 2010, 28, 695-704.	2.0	11
35	Synthesis and characterization of novel aliphatic-aromatic polyamide/Fe ₃ O ₄ nanocomposites containing pendent 9-H-xanthene groups. Designed Monomers and Polymers, 2015, 18, 157-169.	0.7	11
36	Thermal, combustion and optical properties of new polyimide/ODA-functionalized Fe ₃ O ₄ nanocomposites containing xanthene and amide groups. Journal of Thermal Analysis and Calorimetry, 2017, 129, 147-159.	2.0	11

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37	A Simple and Convenient Method for the Synthesis of Perimidine Derivatives Catalyzed by Nano-Silica Sulfuric Acid. <i>International Journal of Green Nanotechnology: Physics and Chemistry</i> , 2010, 2, P47-P52.	1.5	10
38	One-Pot Synthesis of Amidoalkyl Naphthols Using POCl ₃ /Na ₂ B ₄ O ₇ as a Heterogeneous Catalyst. <i>Letters in Organic Chemistry</i> , 2012, 9, 273-275.	0.2	10
39	Magnetic and Heat Resistant Poly(imide-ether) Nanocomposites Derived from Methyl Rich 9H-xanthene: Synthesis and Characterization. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2018, 36, 822-834.	2.0	10
40	Piperazine catalyzed convenient synthesis of 4H-pyran derivatives from 1,1-bis(substituted-benzylidene) cycloalkanones and malononitrile under reflux conditions. <i>Journal of Saudi Chemical Society</i> , 2015, 19, 399-403.	2.4	8
41	Theoretical investigation on tautomerism and NBO analysis of 3-hydroxy-1,2,5-thiadiazole derivatives: solvent and substituent effects. <i>Heterocyclic Communications</i> , 2012, 18, .	0.6	7
42	Novel Semi Crystalline, Soluble and Magnetic Poly(imide-ether)/Zeolite Nanocomposites: Synthesis, Characterization and Computational Study. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 1072-1089.	1.9	7
43	Synthesis and Characterization of Novel Heat Resistant, Superparamagnetic Poly(ether-imide) Nanocomposites Containing Xanthene: Representing a Strategy for Improving Thermal Stability of Magnetic Polymer-Based Nanocomposites. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 631-642.	1.9	7
44	Synthesis of new aza crown macrocycles and lariat ethers. <i>Heterocyclic Communications</i> , 2012, 18, 29-31.	0.6	6
45	A DFT study of solvation effects and NBO analysis on the tautomerism of 1-substituted hydantoin. <i>Arabian Journal of Chemistry</i> , 2016, 9, S776-S780.	2.3	6
46	Synthesis and characterization of silica-coated magnetite nanoparticles modified with bis(pyrazolyl) triazine ruthenium(II) complex and the application of these nanoparticles as a highly efficient catalyst for the hydrogen transfer reduction of ketones. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5366.	1.7	6
47	Soluble New Optically Active Poly(amide-imide)s Derived from Photosensitive 4,4'-Diaminochalcone and Chiral N,N'-bis-(Pyromellitoyl)-bis-L-Amino Acids: Synthesis and Characterization. <i>Arabian Journal for Science and Engineering</i> , 2013, 38, 1721-1729.	1.1	5
48	Microwave-Assisted Erlenmeyer Synthesis of Azlactones Catalyzed by MgO/Al ₂ O ₃ Under Solvent-Free Conditions. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 631-634.	0.6	5
49	Novel heat-resistant and soluble poly(amide-ether)/zinc oxide nanocomposites: synthesis, characterization and computational study. <i>Polymer Bulletin</i> , 2018, 75, 4445-4468.	1.7	5
50	Direct synthesis of p-nitrobenzoic acid and benzoic acids from benzyl ketones and acetophenones using the CAN/HOAc system. <i>Journal of the Iranian Chemical Society</i> , 2007, 4, 336-339.	1.2	4
51	Synthesis of Trans-cinnamic Acids from Aryl Aldehydes and Aryl Aldehyde Bisulfite Adducts with Malonic Acid Using Piperazine. <i>Journal of Chemical Research</i> , 2005, 2005, 364-365.	0.6	3
52	Microwave-assisted efficient synthesis of azlactones using zeolite NaY as a reusable heterogeneous catalyst. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 845-849.	0.9	3
53	Design and synthesis of some new biologically active amidoalkyl naphthols in the presence of sulfonic acid functionalized silica-coated Fe ₃ O ₄ nanoparticles. <i>Research on Chemical Intermediates</i> , 0, 1.	1.3	3
54	Theoretical Investigation of Solvation Effects on the Tautomerism of Maleic Hydrazide. <i>E-Journal of Chemistry</i> , 2012, 9, 107-112.	0.4	2

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55	Ammonium Oxalate as an Efficient Catalyst for One-Pot Synthesis of Tetrahydrobenzo [a]xanthen-11-one Derivatives Under Solvent-Free Conditions. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2013, 43, 752-755.	0.6	2
56	EFFECT OF RING IN IMINES AND ENAMINES TAUTOMERISM IN GAS PHASE AND SOLUTION: A COMPUTATIONAL STUDY. <i>Journal of the Chilean Chemical Society</i> , 2013, 58, 1659-1662.	0.5	2
57	Convenient one-pot synthesis of N-acyl-1,3-diaryl-2-azaphenalene derivatives via solvent-free five-component condensation reactions. <i>Research on Chemical Intermediates</i> , 2015, 41, 6523-6532.	1.3	2
58	Density Functional Study of Solvent and Substitute Effects on the Tautomerism of 3-Hydroxy-1,2,4-Oxadiazole Derivatives. <i>Oriental Journal of Chemistry</i> , 2012, 28, 669-676.	0.1	1
59	Synthesis of trans-Cinnamic Acids from Aryl Aldehydes and Aryl Aldehyde Bisulfite Adducts with Malonic Acid Using Piperazine.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
60	Magnetic tetraethylenepentamine-functionalized graphene oxide to prepare new methyl rich bisphenol-based soluble and heat-resistant polyamide ether nanocomposites: Synthesis and characterization. <i>Journal of Thermoplastic Composite Materials</i> , 2020, , 089270572093914.	2.6	0