

Sakineh Asghari

List of Publications by Year in descending order

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papers

846
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567281

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docs citations

85
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812
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and application of chitosan/tripolyphosphate/graphene oxide hydrogel as a new drug delivery system for Sumatriptan Succinate. <i>Journal of Molecular Liquids</i> , 2020, 315, 113835.	4.9	59
2	Stereoselective synthesis of highly functionalized cyclobutenes. A facile route to electron-deficient 1,3-dienes. <i>Tetrahedron</i> , 1999, 55, 11853-11858.	1.9	53
3	Highly sensitive glucose biosensor based on the effective immobilization of glucose oxidase/carbon-nanotube and gold nanoparticle in nafion film and peroxyoxalate chemiluminescence reaction of a new fluorophore. <i>Talanta</i> , 2012, 93, 37-43.	5.5	49
4	Potential of graphene oxide as a drug delivery system for Sumatriptan: a detailed density functional theory study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1611-1620.	3.5	30
5	Synthesis and antibacterial activity of ethyl 2-amino-6-methyl-5-oxo-4-aryl-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carboxylate. <i>Chinese Chemical Letters</i> , 2014, 25, 431-434.	9.0	27
6	Synthesis, characterization and antibacterial evaluation of nanofibrillated cellulose grafted by a novel quinolinium silane salt. <i>RSC Advances</i> , 2017, 7, 23907-23916.	3.6	27
7	One pot three-component regioselective and diastereoselective synthesis of halogenated pyrido[2,1-b][1,3]oxazines. <i>Tetrahedron</i> , 2012, 68, 8890-8898.	1.9	26
8	Synthesis and antibacterial activities of pyrano[3,2-b]pyranones from kojic acid, ethyl cyanoacetate, and benzaldehydes in aqueous K ₂ CO ₃ . <i>Monatshefte für Chemie</i> , 2014, 145, 1337-1342.	1.8	24
9	A facile route to N-acetyl 1,2-unsaturated 3-lactam derivatives using ethyl acetamidocyanoacetate and dialkyl acetylenedicarboxylate in the presence of triphenylphosphine. <i>Tetrahedron Letters</i> , 2008, 49, 1824-1827.	1.4	21
10	Preparation and characterization of sulfamic acid pyridinium chloride-functionalized Fe ₃ O ₄ nanoparticles as a novel magnetic catalyst for synthesis of novel N-coumarin-2-furanones. <i>Research on Chemical Intermediates</i> , 2017, 43, 7193-7209.	2.7	21
11	A New and Efficient One-pot Synthesis of Trialkyl 6-tert-Butylamino-2H-pyran-2-one-3,4,5-tricarboxylates. <i>Journal of Chemical Research Synopses</i> , 1999, , 368-369.	0.3	20
12	Synthesis and characterization of pyridine-4-carboxylic acid functionalized Fe ₃ O ₄ nanoparticles as a magnetic catalyst for synthesis of pyrano[3,2-b]pyranone derivatives under solvent-free conditions. <i>Research on Chemical Intermediates</i> , 2016, 42, 1899-1911.	2.7	20
13	Triphenylphosphine-Catalyzed Synthesis of Stable, Functionalized 2H-Oxetes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005, 180, 2451-2456.	1.6	17
14	Synthesis and evaluation of novel isatin and 5-isatinyldenerhodanine-based furan derivatives as antibacterial agents. <i>Research on Chemical Intermediates</i> , 2015, 41, 6975-6984.	2.7	17
15	Study of three-component reaction of 1,2-ketoesters and active methylenes with OH-acids to synthesize new 2-amino-4H-pyran derivatives and evaluation of their antibacterial and antioxidant activities. <i>Research on Chemical Intermediates</i> , 2020, 46, 1841-1855.	2.7	17
16	Synthesis and characterization of pyridine-4-carboxylic acid-functionalized Fe ₃ O ₄ nanoparticles as a magnetic catalyst for the synthesis of tetrahydrobenzo[<i>c</i>]pyran derivatives under solvent-free conditions. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 1004-1011.	1.6	16
17	Preparation and characterization of contact active antibacterial surface based on chemically modified nanofibrillated cellulose by phenanthridinium silane salt. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 528-539.	7.5	16
18	Synthesis and Antibacterial Evaluation of Novel Spiro[indole- <i>c</i> pyrimidine]ones. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 173-180.	2.6	16

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19	Heterocyclic Grafting Functionalization of Silica Nanoparticles: Fabrication, Morphological Investigation and Application for PVA Nanocomposites. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 1072-1083.	3.7	15
20	Three-component synthesis of novel spirooxindole-furan derivatives using pyridinium salts. <i>Comptes Rendus Chimie</i> , 2017, 20, 359-364.	0.5	15
21	Synthesis, characterization and evaluation of cytotoxic and antioxidant activities of dihydropyrimidone substituted pyrrole derivatives. <i>Medicinal Chemistry Research</i> , 2018, 27, 15-22.	2.4	15
22	Vinyltriphenylphosphonium Salt-mediated New Synthesis of Functionalized Maleimides. <i>Journal of Chemical Research Synopses</i> , 1999, , 234-235.	0.3	14
23	One-pot synthesis of 4-arylquinolines from aromatic aminoketones and vinylphosphonium salts. <i>Molecular Diversity</i> , 2010, 14, 569-574.	3.9	14
24	Preparation and Investigation of Novel PVA/Silica Nanocomposites with Potential Application in NLO. <i>Polymer-Plastics Technology and Engineering</i> , 2015, 54, 192-201.	1.9	14
25	An Efficient One-Pot Synthesis and Temperature Dependence of NMR Spectra of Nitrogen-Containing Phosphorus Ylides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2003, 178, 2183-2187.	1.6	13
26	Three-Component, One-Pot Synthesis of New Functionalized Pyrrolines. <i>Synthetic Communications</i> , 2010, 40, 2172-2177.	2.1	13
27	Three-component synthesis and antibacterial evaluation of some novel 1,2-dihydroisoquinoline derivatives. <i>Chinese Chemical Letters</i> , 2014, 25, 1441-1444.	9.0	13
28	Synthesis and characterization of sulfide, sulfoxide and sulfone derivatives of thiopyran: antimicrobial evaluation. <i>Research on Chemical Intermediates</i> , 2017, 43, 7291-7306.	2.7	13
29	Regioselective synthesis and antibacterial activity of 3-(cyanoacetyl)indole-based kojic acid derivatives. <i>Monatshefte für Chemie</i> , 2015, 146, 335-343.	1.8	12
30	Synthesis, characterization, and evaluation of antioxidant and antibacterial activities of novel indole-hydrazone thiazolidinones. <i>Monatshefte für Chemie</i> , 2018, 149, 2327-2336.	1.8	12
31	Regioselective vinylation of kojic acid using acetylenic esters in the presence of triphenylphosphine or tert-butyl isocyanide. <i>Monatshefte für Chemie</i> , 2010, 141, 781-786.	1.8	10
32	Synthesis and Characterization of Novel Thiazolo[3,2-a]pyrimidine Derivatives and Evaluation of Antioxidant and Cytotoxic Activities. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800563.	2.1	10
33	Synthesis of Diastereomeric Phosphorus Ylides: A Facile Route to Dialkyl-(E)-2-[1-[2-oxodihydro-3(2H)-furanlyden]ethyl]-2-butenedioate. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005, 180, 2805-2812.	1.6	9
34	A Facile Route to Diastereomeric Phosphorus Ylides. Chemoselective Synthesis of Dialkyl (E)-2-[1-(2-Oxocyclopentylidene)ethyl]-2-butenedioates. <i>Molecules</i> , 2008, 13, 331-339.	3.8	9
35	Fabrication and morphological characterizations of immobilized silver-loaded titanium dioxide nanoparticles/polyvinyl alcohol nanocomposites. <i>Designed Monomers and Polymers</i> , 2013, 16, 349-357.	1.6	9
36	Indirect Chemiluminescence-based Determination of Catecholamines in Pharmaceutical Formulations by Furandicarboxylate Derivative as a Novel Blue Fluorescer in Peroxyoxalate-H ₂ O ₂ System. <i>Analytical Sciences</i> , 2013, 29, 815-821.	1.6	9

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37	Amine modified nanozeolites for the three component synthesis of chromenes. <i>Research on Chemical Intermediates</i> , 2019, 45, 4693-4709.	2.7	9
38	Diastereoselective synthesis of pyrrolo[1, 2- <i>b</i>]imidazoles using chiral thiohydantoins, malononitrile, and aldehydes and evaluation of their antioxidant and antibacterial activities. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 556-564.	2.6	9
39	Reactivity of Various α -Halo Ketones in One-Pot Synthesis of β -Iminolactones. <i>Synthetic Communications</i> , 2012, 42, 2894-2906.	2.1	8
40	An Efficient Three-Component Synthesis of Pyranoquinoline Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 233-236.	2.6	8
41	One-pot synthesis of new hydantoin (thiohydantoin) derivatives and evaluation of their antibacterial and antioxidant activities. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 4136-4148.	2.6	8
42	Synthesis of polyfunctionalized alkenes and α,β -unsaturated β -lactams from the reaction of alkyl propiolates and CH-acids such as diethyl acetamidomalonate and ethyl acetamidocyanoacetate in the presence of triphenylphosphine. <i>Monatshefte für Chemie</i> , 2008, 139, 1217-1222.	1.8	7
43	Chemoselective synthesis of novel aminoindolizines using aminopyridines, acetylenic diesters and α -halo ketones. <i>Chinese Chemical Letters</i> , 2016, 27, 361-364.	9.0	7
44	Diastereoselective Sonochemical Synthesis of Spirocyclopropaneoxindoles and Evaluation of Their Antioxidant and Cytotoxic Activities. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900087.	2.1	7
45	Preparation of New Spiropyrazole, Pyrazole and Hydantoin Derivatives and Investigation of Their Antioxidant and Antibacterial Activities. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100197.	2.1	7
46	Vinyl Triphenylphosphonium Salt-Mediated Synthesis of Functionalized Alkenes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 1896-1904.	1.6	6
47	Synthesis of Halogenated α,β -Unsaturated β -Butyrolactone Derivatives by Triphenylphosphine-Catalyzed Cyclization of α -Halogeno Ketones with Dialkyl Acetylenedicarboxylates (=Dialkyl But-2-ynedioates). <i>Helvetica Chimica Acta</i> , 2012, 95, 810-817.	1.6	6
48	Synthesis, Characterization, and Evaluation of Antibacterial and Antioxidant Activities of Novel Benzoxazinones and Benzoxathiinones. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 1505-1513.	2.6	6
49	Synthesis of Polyfunctional Ketenimines and 1-Azadienes use of Tert-Butyl Isocyanide and Acetylenic Esters in the Presence of 3-Chloropentane-2, 4-Dione. <i>Journal of Chemical Research</i> , 2006, 2006, 233-235.	1.3	5
50	Reaction of tert-Butyl Isocyanide with Alkyl Propiolates in the Presence of α -Chloro ketones. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 874-878.	2.6	5
51	Organosulfur phosphonium salt-mediated synthesis of functionalized thiopyran derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 939-943.	1.6	5
52	An Efficient One-Pot Synthesis of 2,3-Dialkyl-1,1-Diethyl-1-(Acetylamino)-3-(1,1,1-Triphenylphosphanilidene)-1,1,2,3-Propanetetracarboxylates and Their Temperature-Dependent NMR Spectra. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2012, 187, 669-676.	1.6	4
53	Synthesis of quinoline derivatives from the reaction of aminobenzophenones and acetylenic esters in the presence of SnO ₂ nanoparticles. <i>International Nano Letters</i> , 2013, 3, 1.	5.0	4
54	Synthesis and antimicrobial evaluation of some new bicyclopiazolone-based thiopyran ring systems. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 660-667.	1.4	4

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55	A Facile One-Pot Synthesis of Functionalized 4,8-Dihydropyrano[3,2-b]-pyran-4-ones. <i>Acta Chimica Slovenica</i> , 2010, 57, 953-6.	0.6	4
56	One-Pot Synthesis of β,γ -Unsaturated β -Lactone Phosphorus Ylides using 2-Nitro Trans-Cinnamaldehyde and Acetylenic Esters in the Presence of Triphenylphosphine. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2012, 187, 1195-1201.	1.6	3
57	Synthesis of Polyfunctionalized Amino Furans with Long Conjugated Aromatic Systems Using Nucleophilic Aromatic Isocyanide. <i>E-Journal of Chemistry</i> , 2012, 9, 791-795.	0.5	3
58	One-Pot Synthesis of Alkyl 4-alkyl-2,8-dioxo-2H,8H-pyrano[2,3-f]chromene-10-carboxylates and Alkyl 2(E)-3-[(4-alkyl-2-oxo-2H-chromen-7-yl)oxy]acrylates. <i>Letters in Organic Chemistry</i> , 2015, 12, 50-54.	0.5	3
59	Preparation and characterization of novel PVA bionanocomposites based on 4H-pyran loaded on silica nanoparticles: Morphological aspects and antibacterial activity. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 726-737.	3.4	3
60	One-pot synthesis of β,γ -spiroiminolactones and β,γ -dispiroiminolactones using β,γ -unsaturated β -lactone phosphorus ylides, N,N'-disubstituted parabanic acid and thioparabanic acid derivatives. <i>Molecular Diversity</i> , 2017, 21, 69-79.	3.9	3
61	A Facile Stereoselective Synthesis of Functionalised Cyclobutenes and Electron-Deficient 1,3-Dienes. <i>Journal of Chemical Research</i> , 2004, 2004, 27-28.	1.3	2
62	One-pot synthesis of N-substituted 2,4-thiazolidinediones and computational investigation of the products. <i>Monatshefte für Chemie</i> , 2013, 144, 337-343.	1.8	2
63	Synthesis of novel rhodanine based functionalized furans from the reaction of tert-butyl isocyanide with acetylenic esters in the presence of rhodanine acetic acid derivatives. <i>Arabian Journal of Chemistry</i> , 2019, 12, 1496-1500.	4.9	2
64	Synthesis of Spiro 1,3-Oxazines via Three-Component Reaction of Conjugated Imines, Dialkyl Acetylenedicarboxylates and N,N'-Disubstituted Parabanic Acids. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 6303-6319.	2.6	2
65	One-pot, Three-component Synthesis of Dialkyl 4-(alkylamino)-7-alkoxy-5-oxo-1-pyridine-2-yl-1,5-dihydrofuro[3,4-b]pyridine-2,3-dicarboxylate. <i>Acta Chimica Slovenica</i> , 2012, 59, 692-6.	0.6	2
66	Three-Component Reactions of 7-Hydroxy Coumarin Derivatives, Acetylenic Esters and Aromatic Aldehydes in the Presence of NEt_3 . <i>Journal of the Brazilian Chemical Society</i> , 2014, .	0.6	1
67	Chemoselective and diastereoselective synthesis of halogenated [1,3] oxazino [2,3-a] isoquinoline derivatives. <i>Heteroatom Chemistry</i> , 2017, 28, .	0.7	1
68	Three-component synthesis of quinolone derivatives bearing 1,3-indandione moiety using pyridinium salts. <i>Research on Chemical Intermediates</i> , 2017, 43, 3007-3014.	2.7	1
69	On Searching for a Stepwise Channel for the Mechanism of a 1,3-Dipolar Cycloaddition between a Thiocarbonyl S-Oxide and C_{20} Fullerene using Born-Oppenheimer <i>ab Initio</i> QM/MM Molecular Dynamics. <i>Progress in Reaction Kinetics and Mechanism</i> , 2017, 42, 282-288.	2.1	0
70	Investigating the reaction pathways of chemical functionalization of C_{20} fullerene by nitrile oxide and azide; A computational study. <i>Journal of Theoretical and Computational Chemistry</i> , 2018, 17, 1850003.	1.8	0
71	Synthesis of Novel Benzochromenes Using Triarylphosphines, Alkyl X-Phenylpropiolates and 2-Hydroxy-1-Naphthaldehyde. <i>Journal of Chemical Research</i> , 2018, 42, 206-209.	1.3	0