

Hamid Beyzaei

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

615
citations

687363

13
h-index

677142

22
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55
all docs

55
docs citations

55
times ranked

618
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of tocopherol on the properties of Pluronic F127 microemulsions: Physico-chemical characterization and in vivo toxicity. <i>Journal of Molecular Liquids</i> , 2019, 277, 624-630.	4.9	51
2	Detection of Hg ²⁺ in aqueous solution by pyrazole derivative-functionalized Fe ₃ O ₄ @SiO ₂ fluorescent probe. <i>Chemical Engineering Journal</i> , 2017, 327, 648-655.	12.7	45
3	The synthesis of methotrexate-loaded F127 microemulsions and their in vivo toxicity in a rat model. <i>Journal of Molecular Liquids</i> , 2020, 313, 113449.	4.9	38
4	(1-x)BaFe ₁₂ O ₁₉ / xCoFe ₂ O ₄ hard/soft magnetic nanocomposites: Synthesis, physical characterization, and antibacterial activities study. <i>Journal of Molecular Structure</i> , 2019, 1175, 445-449.	3.6	34
5	Green multicomponent synthesis, antimicrobial and antioxidant evaluation of novel 5-amino-isoxazole-4-carbonitriles. <i>Chemistry Central Journal</i> , 2018, 12, 114.	2.6	33
6	Quercetin-loaded F127 nanomicelles: Antioxidant activity and protection against renal injury induced by gentamicin in rats. <i>Life Sciences</i> , 2021, 276, 119420.	4.3	32
7	Gum-based cerium oxide nanoparticles for antimicrobial assay. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	30
8	Synthesis of Various Derivatives of [1,3]Selenazolo[4,5-d]pyrimidine and Exploitation of These Heterocyclic Systems as Antibacterial, Antifungal, and Anticancer Agents. <i>ChemistrySelect</i> , 2020, 5, 10060-10066.	1.5	21
9	Synthesis and in vitro antibacterial evaluation of 6-substituted 4-amino-pyrazolo[3,4-d]pyrimidines. <i>Chemical Papers</i> , 2017, 71, 1685-1691.	2.2	20
10	Expedient multicomponent synthesis of a small library of some novel highly substituted pyrido[2,3-d]pyrimidine derivatives mediated and promoted by deep eutectic solvent and in vitro and quantum mechanical study of their antibacterial and antifungal activities. <i>Molecular Diversity</i> , 2019, 23, 93-105.	3.9	18
11	A green one-pot synthesis of 3(5)-substituted 1,2,4-triazol-5(3)-amines as potential antimicrobial agents. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 2565-2573.	2.2	18
12	Synthesis, antimicrobial and antioxidant evaluation, and molecular docking study of 4,5-disubstituted 1,2,4-triazole-3-thiones. <i>Journal of Molecular Structure</i> , 2020, 1215, 128273.	3.6	17
13	Evaluation and structure-activity relationship analysis of a new series of 4-imino-5H-pyrazolo[3,4-d]pyrimidin-5-amines as potential antibacterial agents. <i>Journal of Molecular Structure</i> , 2017, 1144, 273-279.	3.6	15
14	Green One-pot Synthesis of Novel Polysubstituted Pyrazole Derivatives as Potential Antimicrobial Agents. <i>Acta Chimica Slovenica</i> , 2017, 64, 911-918.	0.6	15
15	BioMOF-Mn: An Antimicrobial Agent and an Efficient Nanocatalyst for Domino One-Pot Preparation of Xanthene Derivatives. <i>Inorganic Chemistry</i> , 2022, 61, 10678-10693.	4.0	15
16	MgO Nanoparticle-Catalyzed Synthesis and Broad-Spectrum Antibacterial Activity of Imidazolidine- and Tetrahydropyrimidine-2-Thione Derivatives. <i>Applied Biochemistry and Biotechnology</i> , 2018, 184, 291-302.	2.9	14
17	MgO nanoparticle-catalyzed, solvent-free Hantzsch synthesis and antibacterial evaluation of new substituted thiazoles. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1023-1031.	2.2	13
18	Synthesis, Characterisation, and in Vitro Antibacterial Evaluation of a New Class of 2-substituted-4-methyl-7,8-dihydro-5H-pyrimido[4,5-d]thiazolo[3,2-a] Pyrimidines. <i>Journal of Chemical Research</i> , 2016, 40, 600-603.	1.3	12

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19	Novel biocompatible glucose-based deep eutectic solvent as recyclable medium and promoter for expedient multicomponent green synthesis of diverse three and four substituted pyrazole-4-carbonitrile derivatives. <i>Research on Chemical Intermediates</i> , 2017, 43, 4731-4744.	2.7	12
20	Synthesis, characterization, protein interaction and antibacterial activity of a lanthanum(iii) complex [La(Trp) ₃ (OH) ₂] ₂ (Trp = tryptophan) as a new precursor for synthesis of La ₂ O ₂ CO ₃ nanoparticles. <i>New Journal of Chemistry</i> , 2017, 41, 8413-8421.	2.8	12
21	New efficient design and synthesis of novel antioxidant and antifungal 7-imino[1,3]selenazolo[4,5-d]pyrimidine-5(4H)-thiones utilizing a base-promoted cascade addition/cyclization sequence. <i>Monatshefte für Chemie</i> , 2020, 151, 963-969.	1.8	12
22	Synthesis of Some New Pyrimido[4,5-e]Tetrazolo[5,1-b][1,3,4]Thiadiazine Derivatives via an S _N Type Smiles Rearrangement and their Antibacterial Evaluation. <i>Journal of Chemical Research</i> , 2016, 40, 628-632.	1.3	11
23	Ultrasound-assisted, low-solvent and acid/base-free synthesis of 5-substituted 1,3,4-oxadiazole-2-thiols as potent antimicrobial and antioxidant agents. <i>Molecular Diversity</i> , 2021, 25, 2367-2378.	3.9	11
24	A porous metal-organic framework (Ni-MOF): An efficient and recyclable catalyst for cascade oxidative amidation of alcohols by amines under ultrasound-irradiations. <i>Molecular Catalysis</i> , 2022, 526, 112372.	2.0	11
25	Regioselective Synthesis of New 2-(E)-Cyano(thiazolidin-2-ylidene)thiazoles. <i>Molecules</i> , 2009, 14, 4849-4857.	3.8	10
26	Secondary amines immobilized inside magnetic mesoporous materials as a recyclable basic and oxidative heterogeneous nanocatalyst for the synthesis of trisubstituted pyrimidine derivatives. <i>Research on Chemical Intermediates</i> , 2016, 42, 4417-4431.	2.7	10
27	Investigation and comparison of biological effects of regioselectively synthesized thiazole derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 1525-1530.	2.6	10
28	Synthesis of a functionalized tetrahydro-1,4-thiazepine in water as the solvent and theoretical investigation of its tautomeric structures. <i>Monatshefte für Chemie</i> , 2008, 139, 1211-1215.	1.8	9
29	Synthesis, physical characterization, and antifungal and antibacterial activities of oleic acid capped nanomagnetite and cobalt-doped nanomagnetite. <i>Canadian Journal of Chemistry</i> , 2020, 98, 34-39.	1.1	9
30	Structural, magnetic, and in vitro inhibitory characteristics of Ce-substituted MnFe ₂ O ₄ nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	8
31	Design and synthesis of novel natural clinoptilolite-MnFe ₂ O ₄ nanocomposites and their catalytic application in the facile and efficient synthesis of chalcone derivatives through Claisen-Schmidt reaction. <i>Research on Chemical Intermediates</i> , 2018, 44, 4245-4258.	2.7	6
32	Semi-synthesis, antibacterial and antifungal activities of three novel thiazolidin-4-one by essential oil of <i>Anethum graveolens</i> seeds as starting material. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 2423-2430.	2.2	6
33	One-Pot Synthesis of Functionalized Tetrahydro-1,4-thiazepines. <i>Synthetic Communications</i> , 2011, 41, 1181-1185.	2.1	4
34	Green Synthesis of a Novel Functionalized Tetrahydro-1,4-thiazepine and Computational Studies of Its Tautomeric Structures. <i>Synthetic Communications</i> , 2009, 39, 1324-1331.	2.1	3
35	Regioselective synthesis of 2-[(E)-(benzo[d]thiazol-2(3H)-ylidene)(cyano)methyl]thiazoles. <i>Heterocyclic Communications</i> , 2011, 17, .	1.2	3
36	Novel one-pot process for the synthesis of ethyl 2-imino-4-methyl-2,3-dihydrothiazole-5-carboxylates. <i>Journal of the Serbian Chemical Society</i> , 2015, 80, 453-458.	0.8	3

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37	Facile Synthesis of Some Novel Tetrasubstituted 2,4-Diaminopyrimidine Derivatives in Aqueous Glucose Solution as a Fully Green Medium and Promoter. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1963-1969.	2.6	3
38	Green aqueous synthesis and antimicrobial evaluation of 3,5-disubstituted 1,2,4-triazoles. <i>Chemistry of Heterocyclic Compounds</i> , 2020, 56, 482-487.	1.2	3
39	Synthesis, Characterization and In Vitro Antibacterial Evaluation of Novel 4-(1-(Pyrimidin-4-yl)Ethyl)-12 <i>H</i> -Pyrimido[4,5- <i>b</i>][1,4]Thiazino[2,3- <i>b</i>]Quinoxaline Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 735-745.	2.6	3
40	Ultrasound-Assisted Synthesis, Antioxidant Activity and Computational Study of 1,3,4-Oxadiazol-2-amines. <i>Acta Chimica Slovenica</i> , 2021, 68, 109-117.	0.6	3
41	Synthesis and In Vitro Antibacterial Evaluation of Schiff Bases Derived FROM 2-Chloro-3-Quinolinecarboxaldehyde. <i>Avicenna Journal of Medical Biochemistry</i> , 2019, 7, 9-15.	0.3	3
42	Synthesis of New Imidazolidine and Tetrahydropyrimidine Derivatives. <i>Advances in Chemistry</i> , 2014, 2014, 1-4.	1.1	2
43	A Comparative Study on the Antibacterial Effects of Some Newly Synthesized Thiazole, Imidazolidine and Tetrahydropyrimidine Derivatives Against <i>Bacillus cereus</i> and <i>Salmonella typhimurium</i> . <i>Pharmaceutical Sciences</i> , 2016, 22, 54-59.	0.8	2
44	Regioselective synthesis of new 2-(E)-cyano(oxazolidin-2-ylidene)thiazoles. <i>European Journal of Chemistry</i> , 2011, 2, 356-358.	0.6	1
45	Comparative Study of Bioactivities and Chemical Constituents of <i>Cymbopogon jwarancusa</i> subsp. <i>olivieri</i> (Boiss.) Soenarko Harvested in Spring and Winter. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2018, 21, 1107-1118.	1.9	1
46	Comparative antibacterial activity of synthetic N,S-Heterocyclic derivatives, MgO nanoparticles, and glycine on zoonotic <i>Vibrio fluvialis</i> . <i>Journal of Reports in Pharmaceutical Sciences</i> , 2019, 8, 155.	0.8	1
47	Comparative Evaluation of the Inhibitory Potential of Synthetic N-Heterocycles, Cu/Fe ₃ O ₄ @SiO ₂ Nanocomposites and Some Natural Products against Non-Resistant and Antibiotic-Resistant <i>Acinetobacter baumannii</i> . <i>Pharmaceutical Sciences</i> , 2020, 26, 184-192.	0.2	1
48	Ultrasound-Assisted Synthesis, Antioxidant Activity and Computational Study of 1,3,4-Oxadiazol-2-amines. <i>Acta Chimica Slovenica</i> , 2021, 68, 109-117.	0.6	1
49	Antimicrobial activities of thiazole, imidazolidine, tetrahydropyrimidine derivatives and silver/polyvinyl alcohol nanocomposites against selected zoonotic fish bacterial pathogens. <i>Indian Journal of Fisheries</i> , 2017, 64, .	0.3	0
50	Multicomponent Solvent-Free Synthesis, Antibacterial Evaluation and QSAR Study of 2-(Bis(benzylthio)methylene) malononitriles. <i>Acta Chimica Slovenica</i> , 2018, 65, 757-767.	0.6	0
51	Synthesis and Antimicrobial Evaluation of the Potassium Salts of Benzhydrazine Dithiocarbamates. <i>Avicenna Journal of Clinical Microbiology and Infection</i> , 2020, 7, 15-21.	0.4	0
52	Synergistic effects of dual antimicrobial combinations of synthesized -heterocycles or MgO nanoparticles with nisin against the growth of study. <i>Veterinary Research Forum</i> , 2021, 12, 241-246.	0.3	0
53	Multicomponent Solvent-Free Synthesis, Antibacterial Evaluation and QSAR Study of 2-(Bis(benzylthio)methylene) malononitriles. <i>Acta Chimica Slovenica</i> , 2018, 65, 757-767.	0.6	0