

Mehdi Asadi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6978527/publications.pdf>

Version: 2024-02-01

41
papers

618
citations

516710

16
h-index

642732

23
g-index

47
all docs

47
docs citations

47
times ranked

621
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and biological evaluation of new benzimidazole-1,2,3-triazole hybrids as potential β -glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2020, 95, 103482.	4.1	50
2	Synthesis of Novel 1,4-Benzodiazepine-3,5-dione Derivatives: Reaction of 2-Aminobenzamides under Bargellini Reaction Conditions. <i>Synlett</i> , 2012, 23, 2521-2525.	1.8	33
3	Synthesis of 2,3-diaryl-5H-imidazo[2,1-a]isoindol-5-ones via the one-pot reaction of 1,2-diketones, 2-formylbenzoic acids, and ammonium acetate. <i>Tetrahedron Letters</i> , 2012, 53, 3448-3451.	1.4	31
4	Imidazo[2,1-b]thiazole derivatives as new inhibitors of 15-lipoxygenase. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 759-764.	5.5	30
5	New 1,2,3-triazole-(thio)barbituric acid hybrids as urease inhibitors: Design, synthesis, in vitro urease inhibition, docking study, and molecular dynamic simulation. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000023.	4.1	29
6	Design, Synthesis, and Cholinesterase Inhibition Assay of Coumarin-3-carboxamide-N-morpholine Hybrids as New Anti-Alzheimer Agents. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900144.	2.1	28
7	One-Pot, Four-Component Synthesis of Novel Imidazo[2,1-b]thiazol-5-amine Derivatives. <i>Synthesis</i> , 2012, 44, 3649-3654.	2.3	27
8	Reaction of Isatoic Anhydride, Amine, and <i>N,N</i> -Dialkyl Carbodiimides Under Solvent-Free Conditions: New and Efficient Synthesis of 3-Alkyl-2-(alkylamino)quinazolin-4(3 <i>H</i>)-ones. <i>Synthetic Communications</i> , 2013, 43, 2385-2392.	2.1	27
9	<i>N</i> -(2-(Piperazin-1-yl)phenyl)arylamide Derivatives as β -Secretase (BACE1) Inhibitors: Simple Synthesis by Ugi Four-Component Reaction and Biological Evaluation. <i>Archiv Der Pharmazie</i> , 2015, 348, 330-337.	4.1	23
10	Synthesis and Evaluation of Chroman-4-one Linked to <i>N</i> -Benzyl Pyridinium Derivatives as New Acetylcholinesterase Inhibitors. <i>Archiv Der Pharmazie</i> , 2015, 348, 643-649.	4.1	22
11	Novel <i>N,N</i> -dimethylbarbituric-pyridinium derivatives as potent urease inhibitors: Synthesis, in vitro, and in silico studies. <i>Bioorganic Chemistry</i> , 2020, 95, 103529.	4.1	21
12	Design and synthesis of novel nitrothiazolacetamide conjugated to different thioquinazolinone derivatives as anti-urease agents. <i>Scientific Reports</i> , 2022, 12, 2003.	3.3	21
13	Green Synthesis of New Boron-Containing Quinazolines: Preparation of Benzo[<i>d</i>][1,3,2]diazaborinin-4(1 <i>H</i>)-one Derivatives. <i>Synthetic Communications</i> , 2013, 43, 2936-2942.	2.1	19
14	Novel fused 1,2,3-triazolo-benzodiazepine derivatives as potent anticonvulsant agents: design, synthesis, in vivo, and in silico evaluations. <i>Molecular Diversity</i> , 2020, 24, 179-189.	3.9	19
15	Novel (thio)barbituric-phenoxy- <i>N</i> -phenylacetamide derivatives as potent urease inhibitors: synthesis, in vitro urease inhibition, and in silico evaluations. <i>Structural Chemistry</i> , 2021, 32, 37-48.	2.0	19
16	Arylmethylene hydrazine derivatives containing 1,3-dimethylbarbituric moiety as novel urease inhibitors. <i>Scientific Reports</i> , 2021, 11, 10607.	3.3	19
17	Synthesis, molecular docking, and biological evaluation of nitroimidazole derivatives as potent urease inhibitors. <i>Medicinal Chemistry Research</i> , 2021, 30, 1220-1229.	2.4	18
18	Design, synthesis, and biological evaluation of selective and potent Carbazole-based butyrylcholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4952-4962.	3.0	17

#	ARTICLE	IF	CITATIONS
19	Convenient and sequential one-pot route for synthesis of 2-thioxoquinazolinone and quinazolinobenzothiazinedione derivatives. <i>Monatshefte für Chemie</i> , 2014, 145, 497-504.	1.8	15
20	Design, Synthesis, Molecular Docking, and Cholinesterase Inhibitory Potential of Phthalimide- α -Dithiocarbamate Hybrids as New Agents for Treatment of Alzheimer's Disease. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900370.	2.1	15
21	Synthesis and Biological Evaluation of 1,3,4-Thiadiazole Linked Phthalimide Derivatives as Anticancer Agents. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.7	15
22	Design, synthesis, docking study and urease inhibitory activity evaluation of novel 2-((5-amino-1,3,4-thiadiazol-2-yl)thio)-N-arylacetamide derivatives. <i>Medicinal Chemistry Research</i> , 2021, 30, 729-742.	2.4	14
23	Synthesis and in vitro urease inhibitory activity of 5-nitrofuranyl-thiadiazole linked to different cyclohexyl-2-(phenylamino)acetamides, in silico and kinetic studies. <i>Bioorganic Chemistry</i> , 2022, 120, 105592.	4.1	14
24	Design, synthesis, and evaluation of metronidazole-1,2,3-triazole derivatives as potent urease inhibitors. <i>Chemical Papers</i> , 2021, 75, 4217-4226.	2.2	12
25	Synthesis, molecular docking, and antiepileptic activity of novel phthalimide derivatives bearing amino acid conjugated anilines. <i>Research in Pharmaceutical Sciences</i> , 2019, 14, 534.	1.8	11
26	Green and Catalyst-Free One-Pot Synthesis of Anthranilamide Schiff Bases: An Approach Toward Sirtinol. <i>Synthetic Communications</i> , 2014, 44, 665-673.	2.1	10
27	Iodine-Mediated Synthesis of Novel Pyrazole Derivatives. <i>Synthesis</i> , 2016, 48, 541-546.	2.3	10
28	CuBr/Et ₃ N-Promoted Reactions of α -Aminobenzamides and Isothiocyanates: Efficient Synthesis of Novel Quinazolin-4(3 <i>H</i>)-ones. <i>Helvetica Chimica Acta</i> , 2016, 99, 378-383.	1.6	8
29	Multicomponent reaction of amine, carbon disulfide, and fluoronitrobenzene via nucleophilic attack on the fluorinated carbon for the synthesis of nitrophenyl methylcarbomodithioates. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 160-164.	1.4	8
30	Synthesis and Urease Inhibitory Activity of Some 5-Aminomethylene Barbituric/Thiobarbituric Acid Derivatives. <i>Letters in Drug Design and Discovery</i> , 2018, 15, 428-436.	0.7	8
31	Recent Developments in Arylation of N-Nucleophiles via Chan-Lam Reaction: Updates from 2012 Onwards. <i>Current Organic Synthesis</i> , 2022, 19, 16-30.	1.3	6
32	Isoindolin-1-ones Fused to Barbiturates: From Design and Molecular Docking to Synthesis and Urease Inhibitory Evaluation. <i>ACS Omega</i> , 2022, 7, 19401-19411.	3.5	5
33	Synthesis, in Vivo and in Silico Studies of N-Aryl-4-(1,3-Dioxoisindolin-2-yl)Benzamides as an Anticonvulsant Agent. <i>Pharmaceutical Sciences</i> , 2020, 26, 38-44.	0.2	4
34	Synthesis and Evaluation of Anti-Epileptic Properties of New Phthalimide-4,5-Dihydrothiazole-Amide Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2020, , 1-11.	2.6	3
35	Design, synthesis, and evaluation of novel racecadotril-tetrazole-amino acid derivatives as new potent analgesic agents. <i>Research in Pharmaceutical Sciences</i> , 2021, 16, 341.	1.8	3
36	Amine-carbon disulfide promoted synthesis of novel benzo[e][1,3]thiazepin-5(1 <i>H</i>)-one derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 413-418.	2.6	2

#	ARTICLE	IF	CITATIONS
37	Synthesis, molecular docking, and antiepileptic activity of new N-phthaloylglycine derivatives. Journal of the Iranian Chemical Society, 0, , 1.	2.2	1
38	Synthesis, molecular docking, and cytotoxicity of quinazolinone and dihydroquinazolinone derivatives as cytotoxic agents. BMC Chemistry, 2022, 16, 35.	3.8	1
39	Synthesis and labeling of p-NH ₂ -Bn-DTPA-(DabcyL-Lys6,Phe7)-pHBSP with ^{99m} Tc as a radiopeptide scintigraphic agent to detect cardiac ischemia. Journal of Radioanalytical and Nuclear Chemistry, 2020, 324, 635-646.	1.5	0
40	Thebaine Derivatives as a New Regulator of Tumor Angiogenesis. Polycyclic Aromatic Compounds, 2022, 42, 4501-4519.	2.6	0
41	Recent Opportunities and Challenges in Selective C-H Functionalization of Methyl Azaarenes: a Highlight from 2010 to 2020 Literatures. Current Organic Synthesis, 2021, 18, 761-789.	1.3	0