Mahmoud Biglar

List of Publications by Year
in descending order

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44	688	566801 15	642321 23
papers	citations	h-index	g-index

44	44	44	717
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biscoumarin-1,2,3-triazole hybrids as novel anti-diabetic agents: Design, synthesis, in vitro Î±-glucosidase inhibition, kinetic, and docking studies. Bioorganic Chemistry, 2019, 92, 103206.	2.0	70
2	Synthesis and biological evaluation of new benzimidazole-1,2,3-triazole hybrids as potential Î±-glucosidase inhibitors. Bioorganic Chemistry, 2020, 95, 103482.	2.0	50
3	Synthesis, characterization, molecular docking, and biological activities of coumarinâ€“1,2,3â€triazoleâ€acetamide hybrid derivatives. Archiv Der Pharmazie, 2020, 353, e2000109.	2.1	50
4	A preliminary investigation of the jack-bean urease inhibition by randomly selected traditionally used herbal medicine. Iranian Journal of Pharmaceutical Research, 2012, 11, 831-7.	0.3	34
5	New 1,2,3â€triazoleâ€“(thio)barbituric acid hybrids as urease inhibitors: Design, synthesis, in vitro urease inhibition, docking study, and molecular dynamic simulation. Archiv Der Pharmazie, 2020, 353, e2000023.	2.1	29
6	Recent strategies in the synthesis of thiophene derivatives: highlights from the 2012â€“2020 literature. Molecular Diversity, 2021, 25, 2571-2604.	2.1	26
7	New thiosemicarbazide-1,2,3-triazole hybrids as potent Î±-glucosidase inhibitors: Design, synthesis, and biological evaluation. Journal of Molecular Structure, 2019, 1192, 192-200.	1.8	25
8	Novel N,N-dimethylbarbituric-pyridinium derivatives as potent urease inhibitors: Synthesis, in vitro, and in silico studies. Bioorganic Chemistry, 2020, 95, 103529.	2.0	21
9	Design and synthesis of 4,5-diphenyl-imidazol-1,2,3-triazole hybrids as new anti-diabetic agents: in vitro Î±-glucosidase inhibition, kinetic and docking studies. Molecular Diversity, 2021, 25, 877-888.	2.1	21
10	Screening of 20 commonly used Iranian traditional medicinal plants against urease. Iranian Journal of Pharmaceutical Research, 2014, 13, 195-8.	0.3	21
11	Design and synthesis of novel nitrothiazolacetamide conjugated to different thioquinazolinone derivatives as anti-urease agents. Scientific Reports, 2022, 12, 2003.	1.6	21
12	Novel morpholine containing cinnamoyl amides as potent tyrosinase inhibitors. International Journal of Biological Macromolecules, 2019, 135, 978-985.	3.6	20
13	Recent Advances in Alkyne Hydroamination as a Powerful Tool for the Construction of Câ^'N Bonds. Asian Journal of Organic Chemistry, 2020, 9, 969-991.	1.3	20
14	Diabetes and Heart Failure: Multi-Omics Approaches. Frontiers in Physiology, 2021, 12, 705424.	1.3	20
15	Novel (thio)barbituric-phenoxy-N-phenylacetamide derivatives as potent urease inhibitors: synthesis, in vitro urease inhibition, and in silico evaluations. Structural Chemistry, 2021, 32, 37-48.	1.0	19
16	Design, synthesis and biological evaluation of novel phthalimide-Schiff base-coumarin hybrids as potent Î±-glucosidase inhibitors. Chemical Papers, 2020, 74, 4379-4388.	1.0	18
17	Design, Synthesis, Molecular Docking, and Cholinesterase Inhibitory Potential of Phthalimideâ€Dithiocarbamate Hybrids as New Agents for Treatment of Alzheimer's Disease. Chemistry and Biodiversity, 2019, 16, e1900370.	1.0	15
18	Cell-based approaches towards treating age-related macular degeneration. Cell and Tissue Banking, 2020, 21, 339-347.	0.5	14

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19	Design, synthesis, docking study and urease inhibitory activity evaluation of novel 2-((5-amino-1,3,4-thiadiazol-2-yl)thio)-N-arylacetamide derivatives. Medicinal Chemistry Research, 2021, 30, 729-742.	1.1	14
20	Synthesis and in vitro urease inhibitory activity of 5-nitrofuran-2-yl-thiadiazole linked to different cyclohexyl-2-(phenylamino)acetamides, in silico and kinetic studies. Bioorganic Chemistry, 2022, 120, 105592.	2.0	14
21	New phthalimide-benzamide-1,2,3-triazole hybrids; design, synthesis, Î±-glucosidase inhibition assay, and docking study. Medicinal Chemistry Research, 2020, 29, 868-876.	1.1	12
22	Design, synthesis, and evaluation of metronidazole-1,2,3-triazole derivatives as potent urease inhibitors. Chemical Papers, 2021, 75, 4217-4226.	1.0	12
23	Synthesis, molecular docking, and antiepileptic activity of novel phthalimide derivatives bearing amino acid conjugated anilines. Research in Pharmaceutical Sciences, 2019, 14, 534.	0.6	11
24	New 4â€phenylpiperazineâ€carbodithioateâ€Nâ€phenylacetamide hybrids: Synthesis, in vitro and in silico evaluations against cholinesterase and Î±â€glucosidase enzymes. Archiv Der Pharmazie, 2022, 355, e2100313.	2.1	11
25	New acridine-9-carboxamide linked to 1,2,3-triazole-N-phenylacetamide derivatives as potent Î±-glucosidase inhibitors: design, synthesis, in vitro, and in silico biological evaluations. Medicinal Chemistry Research, 2020, 29, 1836-1845.	1.1	10
26	Design, synthesis, and Î±â€glucosidaseâ€inhibitory activity of phenoxyâ€biscoumarinâ€“Nâ€phenylacetamide hybrids. Archiv Der Pharmazie, 2021, 354, e2100179.	2.1	10
27	Evaluation of angiotensin converting enzyme inhibitors by SPR biosensor and theoretical studies. Enzyme and Microbial Technology, 2019, 120, 117-123.	1.6	9
28	Novel quinazolinâ€“sulfonamid derivatives: synthesis, characterization, biological evaluation, and molecular docking studies. Journal of Biomolecular Structure and Dynamics, 2020, , 1-12.	2.0	9
29	Synthesis, Biological Evaluation and Molecular Docking of Deferasirox and Substituted 1,2,4â€Triazole Derivatives as Novel Potent Urease Inhibitors: Proposing Repositioning Candidate. Chemistry and Biodiversity, 2020, 17, e1900710.	1.0	9
30	Tocopherol content and Fatty Acid profile of different Iranian date seed oils. Iranian Journal of Pharmaceutical Research, 2012, 11, 873-8.	0.3	9
31	Benzoylquinazolinone derivatives as new potential antidiabetic agents: Î±â€Glucosidase inhibition, kinetic, and docking studies. Journal of the Chinese Chemical Society, 2020, 67, 856-863.	0.8	8
32	Discovery of direct inhibitor of KRAS oncogenic protein by natural products: a combination of pharmacophore search, molecular docking, and molecular dynamic studies. Research in Pharmaceutical Sciences, 2020, 15, 226.	0.6	8
33	Novel Coumarin Containing Dithiocarbamate Derivatives as Potent Î±-Glucosidase Inhibitors for Management of Type 2 Diabetes. Medicinal Chemistry, 2021, 17, 264-272.	0.7	7
34	4-Oxobenzo[d]1,2,3-triazin-pyridinium-phenylacetamide derivatives as new anti-Alzheimer agents: design, synthesis, in vitro evaluation, molecular modeling, and molecular dynamic study. Structural Chemistry, 2020, 31, 999-1012.	1.0	6
35	Synthesis and biological evaluation of a new series of benzofuranâ€1,3,4â€oxadiazole containing 1,2,3â€triazoleâ€acetamides as potential Î±â€glucosidase inhibitors. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22688.	1.4	6
36	An Overview of Zebrafish Modeling Methods in Drug Discovery and Development. Advances in Experimental Medicine and Biology, 2021, , 145-169.	0.8	6

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37	Design, synthesis, biological evaluation, and docking study of new acridineâ€9â€carboxamide linked to 1,2,3â€triazole derivatives as antidiabetic agents targeting Î±â€glucosidase. Journal of Heterocyclic Chemistry, 2020, 57, 4348-4357.	1.4	5
38	Isoindolin-1-ones Fused to Barbiturates: From Design and Molecular Docking to Synthesis and Urease Inhibitory Evaluation. ACS Omega, 2022, 7, 19401-19411.	1.6	5
39	Synthesis, in Vivo and in Silico Studies of N-Aryl-4-(1,3-Dioxoisoindolin-2-Yl)Benzamides as an Anticonvulsant Agent. Pharmaceutical Sciences, 2020, 26, 38-44.	0.1	4
40	Design, Synthesis, and Biological Evaluation of New Indole-Acrylamide-1,2,3-Triazole Derivatives as Potential Î±-Glucosidase Inhibitors. Polycyclic Aromatic Compounds, 2022, 42, 3157-3165.	1.4	3
41	Design, synthesis and antibacterial activity evaluation of novel 2â€(4â€((1â€arylâ€1 H) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 5 Chemistry, 2020, 57, 4254-4261.	1.4	3
42	Synthesis and Evaluation of Anti-Epileptic Properties of New Phthalimide-4,5-Dihydrothiazole-Amide Derivatives. Polycyclic Aromatic Compounds, 2020, , 1-11.	1.4	3
43	Efficient oneâ€pot synthesis of novel 6â€²,9â€²â€dihydroâ€2 H ,7â€² H â€spiro[pyrimidineâ€5,8â€²â€[1,3]dioxolo[4,5â€f]quinoline]â€2,4,6(1 H , 3 H)â€trione derivatives under mild and â€œgreenâ€reaction conditions. Journal of Heterocyclic Chemistry, 2020, 57, 3161-3166.	1.4	0
44	Design and synthesis of 2,4â€dioxochromanâ€pyridiniumâ€phenylacetamide derivatives as new antiâ€Alzheimer agents: in vitro and in silico studies. Journal of the Chinese Chemical Society, 2020, 67, 1910-1928.	0.8	0