Maryam Mohammadi-Khanaposhtani

List of Publications by Year
in descending order

67	1,625	279701 23	330025 37
papers	citations	h-index	g-index

68	68	68	1400
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design and synthesis of novel quinazolinone-1,2,3-triazole hybrids as new anti-diabetic agents: In vitro Î±-glucosidase inhibition, kinetic, and docking study. Bioorganic Chemistry, 2019, 83, 161-169.	2.0	119
2	Potent acetylcholinesterase inhibitors: Design, synthesis, biological evaluation, and docking study of acridone linked to 1,2,3-triazole derivatives. European Journal of Medicinal Chemistry, 2015, 92, 799-806.	2.6	91
3	Design, synthesis, pharmacological evaluation, and docking study of new acridone-based 1,2,4-oxadiazoles as potential anticonvulsant agents. European Journal of Medicinal Chemistry, 2016, 112, 91-98.	2.6	75
4	New 6-amino-pyrido[2,3-d]pyrimidine-2,4-diones as novel agents to treat type 2 diabetes: A simple and efficient synthesis, Î±-glucosidase inhibition, molecular modeling and kinetic study. European Journal of Medicinal Chemistry, 2018, 155, 353-363.	2.6	75
5	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
6	Design, synthesis and in vitro Î±-glucosidase inhibition of novel dihydropyrano[3,2-c]quinoline derivatives as potential anti-diabetic agents. Bioorganic Chemistry, 2018, 77, 280-286.	2.0	68
7	Design, Synthesis, Biological Evaluation, and Docking Study of Acetylcholinesterase Inhibitors: New Acridoneâ€1,2,4â€oxadiazoleâ€1,2,3â€triazole Hybrids. Chemical Biology and Drug Design, 2015, 86, 1425-1432.	1.5	58
8	Design, synthesis andin vitroÎ±-glucosidase inhibition of novel coumarin-pyridines as potent antidiabetic agents. New Journal of Chemistry, 2018, 42, 17268-17278.	1.4	51
9	Design, synthesis, docking study, Î±-glucosidase inhibition, and cytotoxic activities of acridine linked to thioacetamides as novel agents in treatment of type 2 diabetes. Bioorganic Chemistry, 2018, 80, 288-295.	2.0	50
10	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
11	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
12	Design, synthesis, in vitro cytotoxic activity evaluation, and apoptosis-induction study of new 9(10H)-acridinone-1,2,3-triazoles. Molecular Diversity, 2015, 19, 787-795.	2.1	41
13	Design, synthesis, characterization, enzymatic inhibition evaluations, and docking study of novel quinazolinone derivatives. International Journal of Biological Macromolecules, 2021, 170, 1-12.	3.6	40
14	A review on synthesis, mechanism of action, and structure-activity relationships of 1,2,3-triazole-based Î±-glucosidase inhibitors as promising anti-diabetic agents. Journal of Molecular Structure, 2022, 1255, 132469.	1.8	40
15	Design, synthesis, molecular modeling and anticholinesterase activity of benzylidene-benzofuran-3-ones containing cyclic amine side chain. Future Medicinal Chemistry, 2017, 9, 659-671.	1.1	39
16	Design and synthesis of new fused carbazole-imidazole derivatives as anti-diabetic agents: In vitro Î±-glucosidase inhibition, kinetic, and in silico studies. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 713-718.	1.0	32
17	Design, synthesis, in vitro, and in silico studies of novel diarylimidazole-1,2,3-triazole hybrids as potent Î±-glucosidase inhibitors. Bioorganic and Medicinal Chemistry, 2019, 27, 115148.	1.4	29
18	New Biscoumarin Derivatives as Potent Î±-Glucosidase Inhibitors: Synthesis, Biological Evaluation, Kinetic Analysis, and Docking Study. Polycyclic Aromatic Compounds, 2020, 40, 915-926.	1.4	29

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19	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
20	Design, Synthesis, and Cholinesterase Inhibition Assay of Coumarinâ€3â€carboxamideâ€Nâ€morpholine Hybrids as New Antiâ€Alzheimer Agents. Chemistry and Biodiversity, 2019, 16, e1900144.	1.0	28
21	Design and synthesis of new imidazo[1,2-b]pyrazole derivatives, in vitro Î±-glucosidase inhibition, kinetic and docking studies. Molecular Diversity, 2020, 24, 69-80.	2.1	26
22	A new series of Schiff base derivatives bearing 1,2,3â€triazole: Design, synthesis, molecular docking, and Î±â€glucosidase inhibition. Archiv Der Pharmazie, 2019, 352, e1900034.	2.1	25
23	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
24	Design, synthesis, in vivo, and in silico evaluation of new coumarin-1,2,4-oxadiazole hybrids as anticonvulsant agents. Bioorganic Chemistry, 2019, 89, 102989.	2.0	23
25	Synthesis and Evaluation of Chromanâ€4â€One Linked to Nâ€Benzyl Pyridinium Derivatives as New Acetylcholinesterase Inhibitors. Archiv Der Pharmazie, 2015, 348, 643-649.	2.1	22
26	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
27	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
28	Novel fused 1,2,3-triazolo-benzodiazepine derivatives as potent anticonvulsant agents: design, synthesis, in vivo, and in silico evaluations. Molecular Diversity, 2020, 24, 179-189.	2.1	19
29	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
30	Arylmethylene hydrazine derivatives containing 1,3-dimethylbarbituric moiety as novel urease inhibitors. Scientific Reports, 2021, 11, 10607.	1.6	19
31	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
32	Î±-Glucosidase and Î±-amylase inhibition, molecular modeling and pharmacokinetic studies of new quinazolinone-1,2,3-triazole-acetamide derivatives. Medicinal Chemistry Research, 2021, 30, 702-711.	1.1	18
33	Design, Synthesis and Cytotoxicity of Novel Coumarin-1,2,3-triazole-1,2,4- Oxadiazole Hybrids as Potent Anti-breast Cancer Agents. Letters in Drug Design and Discovery, 2019, 16, 818-824.	0.4	16
34	Novel cinnamic acidâ€“tryptamine hybrids as potent butyrylcholinesterase inhibitors: Synthesis, biological evaluation, and docking study. Archiv Der Pharmazie, 2018, 351, e1800115.	2.1	15
35	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
36	Design, synthesis, biological evaluation, and molecular dynamics of novel cholinesterase inhibitors as antiâ€Alzheimer's agents. Archiv Der Pharmazie, 2019, 352, e1800352.	2.1	15

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37	New benzyl pyridinium derivatives bearing 2,4-dioxochroman moiety as potent agents for treatment of Alzheimerâ€™s disease: Design, synthesis, biological evaluation, and docking study. Bioorganic Chemistry, 2019, 87, 506-515.	2.0	15
38	Pyrano[3,2-c]quinoline Derivatives as New Class of Î±-glucosidase Inhibitors to Treat Type 2 Diabetes: Synthesis, in vitro Biological Evaluation and Kinetic Study. Medicinal Chemistry, 2019, 15, 8-16.	0.7	14
39	Synthesis of highly functionalized organic compounds through Ugi post-transformations started from propiolic acids. Molecular Diversity, 2020, 24, 855-887.	2.1	12
40	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
41	Design, synthesis, and evaluation of metronidazole-1,2,3-triazole derivatives as potent urease inhibitors. Chemical Papers, 2021, 75, 4217-4226.	1.0	12
42	Quinazolinone-dihydropyrano[3,2-b]pyran hybrids as new Î±-glucosidase inhibitors: Design, synthesis, enzymatic inhibition, docking study and prediction of pharmacokinetic. Bioorganic Chemistry, 2021, 109, 104703.	2.0	12
43	New quinoxalinâ€1,3,4â€oxadiazole derivatives: Synthesis, characterization, in vitro biological evaluations, and molecular modeling studies. Archiv Der Pharmazie, 2021, 354, e2000471.	2.1	12
44	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
45	New ciprofloxacinâ€“dithiocarbamateâ€“benzyl hybrids: design, synthesis, antibacterial evaluation, and molecular modeling studies. Research on Chemical Intermediates, 2019, 45, 223-236.	1.3	10
46	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
47	Design, synthesis, and Î±â€glucosidaseâ€inhibitory activity of phenoxyâ€biscoumarinâ€“Nâ€phenylacetamide hybrids. Archiv Der Pharmazie, 2021, 354, e2100179.	2.1	10
48	Novel quinazolinâ€“sulfonamid derivatives: synthesis, characterization, biological evaluation, and molecular docking studies. Journal of Biomolecular Structure and Dynamics, 2020, , 1-12.	2.0	9
49	Synthesis and biological evaluation of new dihydroindolizino[8,7-b]indole derivatives as novel Î±-glucosidase inhibitors. Journal of Molecular Structure, 2021, 1224, 129290.	1.8	9
50	Design, synthesis, in vitro and in silico biological assays of new quinazolinone-2-thio-metronidazole derivatives. Journal of Molecular Structure, 2021, 1244, 130889.	1.8	9
51	Biologyâ€Oriented Drug Synthesis (<scp>BIODS</scp>) Approach towards Synthesis of Ciprofloxacinâ€Dithiocarbamate Hybrids and Their Antibacterial Potential both in Vitro and in Silico. Chemistry and Biodiversity, 2018, 15, e1800273.	1.0	8
52	Design, synthesis, and biological evaluation of novel 4-oxobenzo[d]1,2,3-triazin-benzylpyridinum derivatives as potent anti-Alzheimer agents. Bioorganic and Medicinal Chemistry, 2019, 27, 2914-2922.	1.4	8
53	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
54	New 4,5-diphenylimidazole-acetamide-1,2,3-triazole hybrids as potent Î±-glucosidase inhibitors: synthesis, in vitro and in silico enzymatic and toxicity evaluations. Monatshefte FÃ¼r Chemie, 2021, 152, 679-693.	0.9	8

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55	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
56	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
57	Synthesis, in vitro and in silico enzymatic inhibition assays, and toxicity evaluations of new 4,5-diphenylimidazole-N-phenylacetamide derivatives as potent Î±-glucosidase inhibitors. Medicinal Chemistry Research, 2021, 30, 1273-1283.	1.1	6
58	Design, Synthesis, In vitro Cytotoxic Activity Evaluation, and Study of Apoptosis Inducing Effect of New Styrylimidazo[1,2-a]Pyridines as Potent Anti-Breast Cancer Agents. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 265-275.	0.9	6
59	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
60	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
61	Synthesis of the new tri-amide derivatives as novel Î±-glucosidase inhibitors by Ugi four-component reaction. Journal of Molecular Structure, 2021, 1227, 129531.	1.8	5
62	Synthesis, molecular dynamic, and in silico study of new ethyl 4-arylpyrimido[1,2-b]indazole-2-carboxylate: Potential inhibitors of Î±-glucosidase. Journal of Molecular Structure, 2022, 1257, 132507.	1.8	4
63	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
64	Design, synthesis, and evaluation of novel racecadotril-tetrazole-amino acid derivatives as new potent analgesic agents. Research in Pharmaceutical Sciences, 2021, 16, 341.	0.6	3
65	Design, Synthesis and In vitro Cytotoxicity of New 1,2,3-triazol- and Nitrostyrene Hybrids as Potent Anticancer Agents. Letters in Drug Design and Discovery, 2018, 16, 213-219.	0.4	3
66	2,4-Dioxochroman Moiety Linked to 1,2,3-triazole Derivatives as Novel Î±-glucosidase Inhibitors: Synthesis, In vitro Biological Evaluation, and Docking Study. Current Organic Chemistry, 2020, 24, 2019-2027.	0.9	1
67	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