

Maryam Mohammadi-Khanaposhtani

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67

papers

943

citations

17

h-index

28

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68

ext. papers

1,288

ext. citations

3.3

avg, IF

4.3

L-index

#	Paper	IF	Citations
67	Potent acetylcholinesterase inhibitors: design, synthesis, biological evaluation, and docking study of acridone linked to 1,2,3-triazole derivatives. <i>European Journal of Medicinal Chemistry</i> , 2015 , 92, 799-806	6.8	74
66	Design and synthesis of novel quinazolinone-1,2,3-triazole hybrids as new anti-diabetic agents: In vitro α -glucosidase inhibition, kinetic, and docking study. <i>Bioorganic Chemistry</i> , 2019 , 83, 161-169	5.1	74
65	Design, synthesis, pharmacological evaluation, and docking study of new acridone-based 1,2,4-oxadiazoles as potential anticonvulsant agents. <i>European Journal of Medicinal Chemistry</i> , 2016 , 112, 91-98	6.8	55
64	New 6-amino-pyrido[2,3-d]pyrimidine-2,4-diones as novel agents to treat type 2 diabetes: A simple and efficient synthesis, α -glucosidase inhibition, molecular modeling and kinetic study. <i>European Journal of Medicinal Chemistry</i> , 2018 , 155, 353-363	6.8	53
63	Design, Synthesis, Biological Evaluation, and Docking Study of Acetylcholinesterase Inhibitors: New Acridone-1,2,4-oxadiazole-1,2,3-triazole Hybrids. <i>Chemical Biology and Drug Design</i> , 2015 , 86, 1425-32	2.9	50
62	Design, synthesis and in vitro α -glucosidase inhibition of novel dihydropyrano[3,2-c]quinoline derivatives as potential anti-diabetic agents. <i>Bioorganic Chemistry</i> , 2018 , 77, 280-286	5.1	48
61	Design, synthesis, docking study, α -glucosidase inhibition, and cytotoxic activities of acridine linked to thioacetamides as novel agents in treatment of type 2 diabetes. <i>Bioorganic Chemistry</i> , 2018 , 80, 288-295	5.1	41
60	Biscoumarin-1,2,3-triazole hybrids as novel anti-diabetic agents: Design, synthesis, in vitro α -glucosidase inhibition, kinetic, and docking studies. <i>Bioorganic Chemistry</i> , 2019 , 92, 103206	5.1	40
59	Design, synthesis, in vitro cytotoxic activity evaluation, and apoptosis-induction study of new 9(10H)-acridinone-1,2,3-triazoles. <i>Molecular Diversity</i> , 2015 , 19, 787-95	3.1	36
58	Design, synthesis, molecular modeling and anticholinesterase activity of benzylidene-benzofuran-3-ones containing cyclic amine side chain. <i>Future Medicinal Chemistry</i> , 2017 , 9, 659-671	4.1	32
57	Design, synthesis and in vitro α -glucosidase inhibition of novel coumarin-pyridines as potent antidiabetic agents. <i>New Journal of Chemistry</i> , 2018 , 42, 17268-17278	3.6	31
56	Synthesis, characterization, molecular docking, and biological activities of coumarin-1,2,3-triazole-acetamide hybrid derivatives. <i>Archiv Der Pharmazie</i> , 2020 , 353, e2000109	4.3	27
55	Synthesis and biological evaluation of new benzimidazole-1,2,3-triazole hybrids as potential α -glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2020 , 95, 103482	5.1	25
54	Design and synthesis of new fused carbazole-imidazole derivatives as anti-diabetic agents: In vitro α -glucosidase inhibition, kinetic, and in silico studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 713-718	2.9	22
53	Design, synthesis, characterization, enzymatic inhibition evaluations, and docking study of novel quinazolinone derivatives. <i>International Journal of Biological Macromolecules</i> , 2021 , 170, 1-12	7.9	20
52	Synthesis and Evaluation of Chroman-4-One Linked to N-Benzyl Pyridinium Derivatives as New Acetylcholinesterase Inhibitors. <i>Archiv Der Pharmazie</i> , 2015 , 348, 643-9	4.3	18
51	New thiosemicarbazide-1,2,3-triazole hybrids as potent α -glucosidase inhibitors: Design, synthesis, and biological evaluation. <i>Journal of Molecular Structure</i> , 2019 , 1192, 192-200	3.4	17

50	Design, synthesis, in vitro, and in silico studies of novel diarylimidazole-1,2,3-triazole hybrids as potent α -glucosidase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 115148	3.4	17
49	New Biscoumarin Derivatives as Potent α -Glucosidase Inhibitors: Synthesis, Biological Evaluation, Kinetic Analysis, and Docking Study. <i>Polycyclic Aromatic Compounds</i> , 2020 , 40, 915-926	1.3	16
48	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	2.5	15
47	Design, synthesis, in vivo, and in silico evaluation of new coumarin-1,2,4-oxadiazole hybrids as anticonvulsant agents. <i>Bioorganic Chemistry</i> , 2019 , 89, 102989	5.1	14
46	Design and synthesis of new imidazo[1,2-b]pyrazole derivatives, in vitro α -glucosidase inhibition, kinetic and docking studies. <i>Molecular Diversity</i> , 2020 , 24, 69-80	3.1	13
45	Design, Synthesis, Molecular Docking, and Cholinesterase Inhibitory Potential of Phthalimide-Dithiocarbamate Hybrids as New Agents for Treatment of Alzheimer's Disease. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1900370	2.5	12
44	New benzyl pyridinium derivatives bearing 2,4-dioxochroman moiety as potent agents for treatment of Alzheimer's disease: Design, synthesis, biological evaluation, and docking study. <i>Bioorganic Chemistry</i> , 2019 , 87, 506-515	5.1	11
43	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	4.3	11
42	A new series of Schiff base derivatives bearing 1,2,3-triazole: Design, synthesis, molecular docking, and α -glucosidase inhibition. <i>Archiv Der Pharmazie</i> , 2019 , 352, e1900034	4.3	10
41	Pyrano[3,2-c]quinoline Derivatives as New Class of α -glucosidase Inhibitors to Treat Type 2 Diabetes: Synthesis, in vitro Biological Evaluation and Kinetic Study. <i>Medicinal Chemistry</i> , 2019 , 15, 8-16	1.8	10
40	Design, synthesis, biological evaluation, and molecular dynamics of novel cholinesterase inhibitors as anti-Alzheimer's agents. <i>Archiv Der Pharmazie</i> , 2019 , 352, e1800352	4.3	9
39	Design, Synthesis and Cytotoxicity of Novel Coumarin-1,2,3-triazole-1,2,4- Oxadiazole Hybrids as Potent Anti-breast Cancer Agents. <i>Letters in Drug Design and Discovery</i> , 2019 , 16, 818-824	0.8	9
38	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	3.1	8
37	Novel cinnamic acid-tryptamine hybrids as potent butyrylcholinesterase inhibitors: Synthesis, biological evaluation, and docking study. <i>Archiv Der Pharmazie</i> , 2018 , 351, e1800115	4.3	8
36	Design, synthesis, and biological evaluation of novel 4-oxobenzo[d]1,2,3-triazin-benzylpyridinium derivatives as potent anti-Alzheimer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 2914-2922	3.4	7
35	Quinazolinone-dihydropyrano[3,2-b]pyran hybrids as new α -glucosidase inhibitors: Design, synthesis, enzymatic inhibition, docking study and prediction of pharmacokinetic. <i>Bioorganic Chemistry</i> , 2021 , 109, 104703	5.1	7
34	Design and synthesis of 4,5-diphenyl-imidazol-1,2,3-triazole hybrids as new anti-diabetic agents: in vitro α -glucosidase inhibition, kinetic and docking studies. <i>Molecular Diversity</i> , 2021 , 25, 877-888	3.1	7
33	Novel (thio)barbituric-phenoxy-N-phenylacetamide derivatives as potent urease inhibitors: synthesis, in vitro urease inhibition, and in silico evaluations. <i>Structural Chemistry</i> , 2021 , 32, 37-48	1.8	7

32	Novel N,N-dimethylbarbituric-pyridinium derivatives as potent urease inhibitors: Synthesis, in vitro, and in silico studies. <i>Bioorganic Chemistry</i> , 2020 , 95, 103529	5.1	6
31	Arylmethylene hydrazine derivatives containing 1,3-dimethylbarbituric moiety as novel urease inhibitors. <i>Scientific Reports</i> , 2021 , 11, 10607	4.9	6
30	New ciprofloxacin-dithiocarbamate-benzyl hybrids: design, synthesis, antibacterial evaluation, and molecular modeling studies. <i>Research on Chemical Intermediates</i> , 2019 , 45, 223-236	2.8	6
29	Synthesis of highly functionalized organic compounds through Ugi post-transformations started from propiolic acids. <i>Molecular Diversity</i> , 2020 , 24, 855-887	3.1	6
28	A review on synthesis, mechanism of action, and structure-activity relationships of 1,2,3-triazole-based α -glucosidase inhibitors as promising anti-diabetic agents. <i>Journal of Molecular Structure</i> , 2022 , 1255, 132469	3.4	5
27	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. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019 , 19, 265-275	2.2	5
26	Benzoylquinazolinone derivatives as new potential antidiabetic agents: α -glucosidase inhibition, kinetic, and docking studies. <i>Journal of the Chinese Chemical Society</i> , 2020 , 67, 856-863	1.5	5
25	Design, synthesis and biological evaluation of novel phthalimide-Schiff base-coumarin hybrids as potent α -glucosidase inhibitors. <i>Chemical Papers</i> , 2020 , 74, 4379-4388	1.9	4
24	New phthalimide-benzamide-1,2,3-triazole hybrids; design, synthesis, α -glucosidase inhibition assay, and docking study. <i>Medicinal Chemistry Research</i> , 2020 , 29, 868-876	2.2	4
23	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. <i>Structural Chemistry</i> , 2020 , 31, 999-1012	1.8	4
22	Novel quinazolin-sulfonamid derivatives: synthesis, characterization, biological evaluation, and molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 1-12	3.6	4
21	Synthesis of the new tri-amide derivatives as novel α -glucosidase inhibitors by Ugi four-component reaction. <i>Journal of Molecular Structure</i> , 2021 , 1227, 129531	3.4	4
20	Biology-Oriented Drug Synthesis (BIODS) Approach towards Synthesis of Ciprofloxacin-Dithiocarbamate Hybrids and Their Antibacterial Potential both in Vitro and in Silico. <i>Chemistry and Biodiversity</i> , 2018 , 15, e1800273	2.5	3
19	New quinoxalin-1,3,4-oxadiazole derivatives: Synthesis, characterization, in vitro biological evaluations, and molecular modeling studies. <i>Archiv Der Pharmazie</i> , 2021 , 354, e2000471	4.3	3
18	Synthesis and biological evaluation of new dihydroindolizino[8,7-b]indole derivatives as novel α -glucosidase inhibitors. <i>Journal of Molecular Structure</i> , 2021 , 1224, 129290	3.4	3
17	α -glucosidase and β -amylase inhibition, molecular modeling and pharmacokinetic studies of new quinazolinone-1,2,3-triazole-acetamide derivatives. <i>Medicinal Chemistry Research</i> , 2021 , 30, 702-711	2.2	3
16	Novel Coumarin Containing Dithiocarbamate Derivatives as Potent α -glucosidase Inhibitors for Management of Type 2 Diabetes. <i>Medicinal Chemistry</i> , 2021 , 17, 264-272	1.8	3
15	Synthesis and biological evaluation of a new series of benzofuran-1,3,4-oxadiazole containing 1,2,3-triazole-acetamides as potential α -glucosidase inhibitors. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021 , 35, e22688	3.4	2

14	New acridine-9-carboxamide linked to 1,2,3-triazole-N-phenylacetamide derivatives as potent β -glucosidase inhibitors: design, synthesis, in vitro, and in silico biological evaluations. <i>Medicinal Chemistry Research</i> , 2020 , 29, 1836-1845	2.2	2
13	Design, synthesis, biological evaluation, and docking study of new acridine-9-carboxamide linked to 1,2,3-triazole derivatives as antidiabetic agents targeting β -glucosidase. <i>Journal of Heterocyclic Chemistry</i> , 2020 , 57, 4348-4357	1.9	2
12	Design, synthesis, and evaluation of metronidazole-1,2,3-triazole derivatives as potent urease inhibitors. <i>Chemical Papers</i> , 2021 , 75, 4217-4226	1.9	2
11	Design, synthesis, in vitro and in silico biological assays of new quinazolinone-2-thio-metronidazole derivatives. <i>Journal of Molecular Structure</i> , 2021 , 1244, 130889	3.4	2
10	Synthesis, molecular dynamic, and in silico study of new ethyl 4-arylpyrimido[1,2-b]indazole-2-carboxylate: Potential inhibitors of β -glucosidase. <i>Journal of Molecular Structure</i> , 2022 , 132507	3.4	1
9	2,4-Dioxochroman Moiety Linked to 1,2,3-triazole Derivatives as Novel β -glucosidase Inhibitors: Synthesis, In vitro Biological Evaluation, and Docking Study. <i>Current Organic Chemistry</i> , 2020 , 24, 2019-2027	1.7	1
8	Design, Synthesis and In vitro Cytotoxicity of New 1,2,3-triazol- and Nitrostyrene Hybrids as Potent Anticancer Agents. <i>Letters in Drug Design and Discovery</i> , 2018 , 16, 213-219	0.8	1
7	Synthesis, in vitro and in silico enzymatic inhibition assays, and toxicity evaluations of new 4,5-diphenylimidazole-N-phenylacetamide derivatives as potent β -glucosidase inhibitors. <i>Medicinal Chemistry Research</i> , 2021 , 30, 1273-1283	2.2	1
6	Design, synthesis, and β -glucosidase-inhibitory activity of phenoxy-bis coumarin-N-phenylacetamide hybrids. <i>Archiv Der Pharmazie</i> , 2021 , 354, e2100179	4.3	1
5	New 4-phenylpiperazine-carbodithioate-N-phenylacetamide hybrids: Synthesis, in vitro and in silico evaluations against cholinesterase and β -glucosidase enzymes.. <i>Archiv Der Pharmazie</i> , 2022 , e2100313	4.3	0
4	Design, Synthesis, and Biological Evaluation of New Indole-Acrylamide-1,2,3-Triazole Derivatives as Potential β -glucosidase Inhibitors. <i>Polycyclic Aromatic Compounds</i> , 2020 , 1-9	1.3	0
3	New 4,5-diphenylimidazole-acetamide-1,2,3-triazole hybrids as potent β -glucosidase inhibitors: synthesis, in vitro and in silico enzymatic and toxicity evaluations. <i>Monatshefte Für Chemie</i> , 2021 , 152, 679	1.4	0
2	Design, synthesis, and evaluation of novel racecadotril-tetrazole-amino acid derivatives as new potent analgesic agents. <i>Research in Pharmaceutical Sciences</i> , 2021 , 16, 341-357	2.6	0
1	Design and synthesis of 2,4-dioxochroman-pyridinium-phenylacetamide derivatives as new anti-Alzheimer agents: in vitro and in silico studies. <i>Journal of the Chinese Chemical Society</i> , 2020 , 67, 1910-1928	1.5	