Maryam Mohammadi-Khanaposhtani

List of Publications by Year in Descending Order

67 papers	943 citations	17 h-index	28 g-index
68 ext. papers	1,288 ext. citations	3.3 avg, IF	4.3 L-index

#	Paper	IF	Citations
67	Synthesis, molecular dynamic, and in silico study of new ethyl 4-arylpyrimido[1,2-b]indazole-2-carboxylate: Potential inhibitors of -glucosidase. *Journal of Molecular Structure*, **2022**, 132507	3.4	1
66	A review on synthesis, mechanism of action, and structure-activity relationships of 1,2,3-triazole-based -glucosidase inhibitors as promising anti-diabetic agents. *Journal of Molecular Structure*, **2022**, 1255, 132469	3.4	5
65	New 4-phenylpiperazine-carbodithioate-N-phenylacetamide hybrids: Synthesis, in vitro and in silico evaluations against cholinesterase and -glucosidase enzymes.. *Archiv Der Pharmazie*, **2022**, e2100313	4.3	0
64	Synthesis and biological evaluation of a new series of benzofuran-1,3,4-oxadiazole containing 1,2,3-triazole-acetamides as potential -glucosidase inhibitors. *Journal of Biochemical and Molecular Toxicology*, **2021**, 35, e22688	3.4	2
63	Design, synthesis, and evaluation of metronidazole-1,2,3-triazole derivatives as potent urease inhibitors. *Chemical Papers*, **2021**, 75, 4217-4226	1.9	2
62	Quinazolinone-dihydropyrano[3,2-b]pyran hybrids as new -glucosidase inhibitors: Design, synthesis, enzymatic inhibition, docking study and prediction of pharmacokinetic. *Bioorganic Chemistry*, **2021**, 109, 104703	5.1	7
61	Synthesis, in vitro and in silico enzymatic inhibition assays, and toxicity evaluations of new 4,5-diphenylimidazole-N-phenylacetamide derivatives as potent -glucosidase inhibitors. *Medicinal Chemistry Research*, **2021**, 30, 1273-1283	2.2	1
60	New quinoxalin-1,3,4-oxadiazole derivatives: Synthesis, characterization, in vitro biological evaluations, and molecular modeling studies. *Archiv Der Pharmazie*, **2021**, 354, e2000471	4.3	3
59	Arylmethylene hydrazine derivatives containing 1,3-dimethylbarbituric moiety as novel urease inhibitors. *Scientific Reports*, **2021**, 11, 10607	4.9	6
58	New 4,5-diphenylimidazole-acetamide-1,2,3-triazole hybrids as potent -glucosidase inhibitors: synthesis, in vitro and in silico enzymatic and toxicity evaluations. *Monatshefte F Chemie*, **2021**, 152, 679	1.4	0
57	Design and synthesis of 4,5-diphenyl-imidazol-1,2,3-triazole hybrids as new anti-diabetic agents: in vitro -glucosidase inhibition, kinetic and docking studies. *Molecular Diversity*, **2021**, 25, 877-888	3.1	7
56	Synthesis and biological evaluation of new dihydroindolizino[8,7-b]indole derivatives as novel -glucosidase inhibitors. *Journal of Molecular Structure*, **2021**, 1224, 129290	3.4	3
55	Design, synthesis, characterization, enzymatic inhibition evaluations, and docking study of novel quinazolinone derivatives. *International Journal of Biological Macromolecules*, **2021**, 170, 1-12	7.9	20
54	Synthesis of the new tri-amide derivatives as novel -glucosidase inhibitors by Ugi four-component reaction. *Journal of Molecular Structure*, **2021**, 1227, 129531	3.4	4
53	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	1.8	7
52	Design, synthesis, and evaluation of novel racecadotril-tetrazole-amino acid derivatives as new potent analgesic agents. *Research in Pharmaceutical Sciences*, **2021**, 16, 341-357	2.6	0
51	-Glucosidase and -amylase inhibition, molecular modeling and pharmacokinetic studies of new quinazolinone-1,2,3-triazole-acetamide derivatives. *Medicinal Chemistry Research*, **2021**, 30, 702-711	2.2	3

50	Novel Coumarin Containing Dithiocarbamate Derivatives as Potent Glucosidase Inhibitors for Management of Type 2 Diabetes. *Medicinal Chemistry*, **2021**, 17, 264-272	1.8	3
49	Design, synthesis, and glucosidase-inhibitory activity of phenoxy-biscoumarin-N-phenylacetamide hybrids. *Archiv Der Pharmazie*, **2021**, 354, e2100179	4.3	1
48	Design, synthesis, in vitro and in silico biological assays of new quinazolinone-2-thio-metronidazole derivatives. *Journal of Molecular Structure*, **2021**, 1244, 130889	3.4	2
47	Design, synthesis and biological evaluation of novel phthalimide-Schiff base-coumarin hybrids as potent glucosidase inhibitors. *Chemical Papers*, **2020**, 74, 4379-4388	1.9	4
46	Design and synthesis of 2,4-dioxochroman-pyridinium-phenylacetamide derivatives as new anti-Alzheimer agents: in vitro and in silico studies. *Journal of the Chinese Chemical Society*, **2020**, 67, 1910-1928	1.5	
45	New phthalimide-benzamide-1,2,3-triazole hybrids; design, synthesis, glucosidase inhibition assay, and docking study. *Medicinal Chemistry Research*, **2020**, 29, 868-876	2.2	4
44	New 1,2,3-triazole-(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	4.3	11
43	Synthesis, characterization, molecular docking, and biological activities of coumarin-1,2,3-triazole-acetamide hybrid derivatives. *Archiv Der Pharmazie*, **2020**, 353, e2000109	4.3	27
42	2,4-Dioxochroman Moiety Linked to 1,2,3-triazole Derivatives as Novel glucosidase Inhibitors: Synthesis, In vitro Biological Evaluation, and Docking Study. *Current Organic Chemistry*, **2020**, 24, 2019-2027	1.7	1
41	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	1.8	4
40	Novel N,N-dimethylbarbituric-pyridinium derivatives as potent urease inhibitors: Synthesis, in vitro, and in silico studies. *Bioorganic Chemistry*, **2020**, 95, 103529	5.1	6
39	Synthesis and biological evaluation of new benzimidazole-1,2,3-triazole hybrids as potential glucosidase inhibitors. *Bioorganic Chemistry*, **2020**, 95, 103482	5.1	25
38	Benzoylquinazolinone derivatives as new potential antidiabetic agents: Glucosidase inhibition, kinetic, and docking studies. *Journal of the Chinese Chemical Society*, **2020**, 67, 856-863	1.5	5
37	Novel quinazolin-sulfonamid derivatives: synthesis, characterization, biological evaluation, and molecular docking studies. *Journal of Biomolecular Structure and Dynamics*, **2020**, 1-12	3.6	4
36	Design, Synthesis, and Biological Evaluation of New Indole-Acrylamide-1,2,3-Triazole Derivatives as Potential Glucosidase Inhibitors. *Polycyclic Aromatic Compounds*, **2020**, 1-9	1.3	0
35	New acridine-9-carboxamide linked to 1,2,3-triazole-N-phenylacetamide derivatives as potent glucosidase inhibitors: design, synthesis, in vitro, and in silico biological evaluations. *Medicinal Chemistry Research*, **2020**, 29, 1836-1845	2.2	2
34	Design, synthesis, biological evaluation, and docking study of new acridine-9-carboxamide linked to 1,2,3-triazole derivatives as antidiabetic agents targeting glucosidase. *Journal of Heterocyclic Chemistry*, **2020**, 57, 4348-4357	1.9	2
33	New Biscoumarin Derivatives as Potent Glucosidase Inhibitors: Synthesis, Biological Evaluation, Kinetic Analysis, and Docking Study. *Polycyclic Aromatic Compounds*, **2020**, 40, 915-926	1.3	16

32	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	3.1	8
31	Design and synthesis of new imidazo[1,2-b]pyrazole derivatives, in vitro -glucosidase inhibition, kinetic and docking studies. *Molecular Diversity*, **2020**, 24, 69-80	3.1	13
30	Synthesis of highly functionalized organic compounds through Ugi post-transformations started from propiolic acids. *Molecular Diversity*, **2020**, 24, 855-887	3.1	6
29	Design, Synthesis, Molecular Docking, and Cholinesterase Inhibitory Potential of Phthalimide-Dithiocarbamate Hybrids as New Agents for Treatment of Alzheimer[s Disease. *Chemistry and Biodiversity*, **2019**, 16, e1900370	2.5	12
28	Design, Synthesis, and Cholinesterase Inhibition Assay of Coumarin-3-carboxamide-N-morpholine Hybrids as New Anti-Alzheimer Agents. *Chemistry and Biodiversity*, **2019**, 16, e1900144	2.5	15
27	Design, synthesis, biological evaluation, and molecular dynamics of novel cholinesterase inhibitors as anti-Alzheimer[s agents. *Archiv Der Pharmazie*, **2019**, 352, e1800352	4.3	9
26	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	3.4	7
25	Design, synthesis, in vivo, and in silico evaluation of new coumarin-1,2,4-oxadiazole hybrids as anticonvulsant agents. *Bioorganic Chemistry*, **2019**, 89, 102989	5.1	14
24	New thiosemicarbazide-1,2,3-triazole hybrids as potent -glucosidase inhibitors: Design, synthesis, and biological evaluation. *Journal of Molecular Structure*, **2019**, 1192, 192-200	3.4	17
23	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. *Bioorganic Chemistry*, **2019**, 87, 506-515	5.1	11
22	Biscoumarin-1,2,3-triazole hybrids as novel anti-diabetic agents: Design, synthesis, in vitro -glucosidase inhibition, kinetic, and docking studies. *Bioorganic Chemistry*, **2019**, 92, 103206	5.1	40
21	A new series of Schiff base derivatives bearing 1,2,3-triazole: Design, synthesis, molecular docking, and -glucosidase inhibition. *Archiv Der Pharmazie*, **2019**, 352, e1900034	4.3	10
20	Design, synthesis, in vitro, and in silico studies of novel diarylimidazole-1,2,3-triazole hybrids as potent -glucosidase inhibitors. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 115148	3.4	17
19	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	0.8	9
18	Pyrano[3,2-c]quinoline Derivatives as New Class of -glucosidase Inhibitors to Treat Type 2 Diabetes: Synthesis, in vitro Biological Evaluation and Kinetic Study. *Medicinal Chemistry*, **2019**, 15, 8-16	1.8	10
17	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	2.2	5
16	Design and synthesis of new fused carbazole-imidazole derivatives as anti-diabetic agents: In vitro -glucosidase inhibition, kinetic, and in silico studies. *Bioorganic and Medicinal Chemistry Letters*, **2019**, 29, 713-718	2.9	22
15	Design and synthesis of novel quinazolinone-1,2,3-triazole hybrids as new anti-diabetic agents: In vitro -glucosidase inhibition, kinetic, and docking study. *Bioorganic Chemistry*, **2019**, 83, 161-169	5.1	74

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14	New ciprofloxacin–dithiocarbamate–benzyl hybrids: design, synthesis, antibacterial evaluation, and molecular modeling studies. *Research on Chemical Intermediates*, **2019**, 45, 223-236	2.8	6
13	Design, synthesis and in vitro α-glucosidase inhibition of novel dihydropyrano[3,2-c]quinoline derivatives as potential anti-diabetic agents. *Bioorganic Chemistry*, **2018**, 77, 280-286	5.1	48
12	Biology-Oriented Drug Synthesis (BIODS) Approach towards Synthesis of Ciprofloxacin-Dithiocarbamate Hybrids and Their Antibacterial Potential both in Vitro and in Silico. *Chemistry and Biodiversity*, **2018**, 15, e1800273	2.5	3
11	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	0.8	1
10	Design, synthesis and in vitro α-glucosidase inhibition of novel coumarin-pyridines as potent antidiabetic agents. *New Journal of Chemistry*, **2018**, 42, 17268-17278	3.6	31
9	Novel cinnamic acid-tryptamine hybrids as potent butyrylcholinesterase inhibitors: Synthesis, biological evaluation, and docking study. *Archiv Der Pharmazie*, **2018**, 351, e1800115	4.3	8
8	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. *European Journal of Medicinal Chemistry*, **2018**, 155, 353-363	6.8	53
7	Design, synthesis, docking study, α-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	5.1	41
6	Design, synthesis, molecular modeling and anticholinesterase activity of benzylidene-benzofuran-3-ones containing cyclic amine side chain. *Future Medicinal Chemistry*, **2017**, 9, 659-671	4.1	32
5	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	6.8	55
4	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	6.8	74
3	Design, synthesis, in vitro cytotoxic activity evaluation, and apoptosis-induction study of new 9(10H)-acridinone-1,2,3-triazoles. *Molecular Diversity*, **2015**, 19, 787-95	3.1	36
2	Synthesis and Evaluation of Chroman-4-One Linked to N-Benzyl Pyridinium Derivatives as New Acetylcholinesterase Inhibitors. *Archiv Der Pharmazie*, **2015**, 348, 643-9	4.3	18
1	Design, Synthesis, Biological Evaluation, and Docking Study of Acetylcholinesterase Inhibitors: New Acridone-1,2,4-oxadiazole-1,2,3-triazole Hybrids. *Chemical Biology and Drug Design*, **2015**, 86, 1425-32	2.9	50