

Fariba Peytam

List of Publications by Year in descending order

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14
papers

332
citations

933447

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1058476

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docs citations

15
times ranked

359
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.5	75
2	Design, synthesis and <i>in vitro</i> α -glucosidase inhibition of novel coumarin-pyridines as potent antidiabetic agents. <i>New Journal of Chemistry</i> , 2018, 42, 17268-17278.	2.8	51
3	Design and synthesis of new fused carbazole-imidazole derivatives as anti-diabetic agents: <i>In vitro</i> α -glucosidase inhibition, kinetic, and <i>in silico</i> studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 713-718.	2.2	32
4	An efficient and targeted synthetic approach towards new highly substituted 6-amino-pyrazolo[1,5-a]pyrimidines with α -glucosidase inhibitory activity. <i>Scientific Reports</i> , 2020, 10, 2595.	3.3	27
5	Design and synthesis of new imidazo[1,2-b]pyrazole derivatives, <i>in vitro</i> α -glucosidase inhibition, kinetic and docking studies. <i>Molecular Diversity</i> , 2020, 24, 69-80.	3.9	26
6	Design, synthesis, molecular docking, and <i>in vitro</i> α -glucosidase inhibitory activities of novel 3-amino-2,4-diarylbenzo[4,5]imidazo[1,2-a]pyrimidines against yeast and rat α -glucosidase. <i>Scientific Reports</i> , 2021, 11, 11911.	3.3	25
7	Isoindolin-1-one derivatives as urease inhibitors: Design, synthesis, biological evaluation, molecular docking and <i>in-silico</i> ADME evaluation. <i>Bioorganic Chemistry</i> , 2019, 87, 1-11.	4.1	24
8	A one-pot, three-component and solvent-free synthesis of 2,3-disubstituted isoindolin-1-ones. <i>Tetrahedron Letters</i> , 2015, 56, 4729-4732.	1.4	19
9	A new synthetic strategy towards 2,4,5-trisubstituted 1H-imidazoles and highly substituted pyrrolo[1,2-c]imidazoles by use of α -azidochalcones via Michael addition-cyclization followed by Wittig reaction. <i>Tetrahedron</i> , 2017, 73, 6696-6705.	1.9	15
10	An efficient synthesis of fully substituted pyrazolo[3,4-b]pyridin-5-amines from α -azidochalcones. <i>Tetrahedron</i> , 2018, 74, 2414-2420.	1.9	13
11	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.	3.6	9
12	Mono- and bis-pyrazolophthalazines: Design, synthesis, cytotoxic activity, DNA/HSA binding and molecular docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 30, 115944.	3.0	6
13	The possible effect of microRNA-155 (miR-155) and BACE1 inhibitors in the memory of patients with down syndrome and Alzheimer's disease: Design, synthesis, virtual screening, molecular modeling and biological evaluations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 5803-5814.	3.5	6
14	A one-pot and three-component synthetic approach for the preparation of asymmetric and multi-substituted 1,4-dihydropyrazines. <i>Tetrahedron Letters</i> , 2019, 60, 151257.	1.4	4