Vaclav Bazgier

List of Publications by Year
in descending order

29	1,319	623699	477281
papers	citations	14 h-index	29 g-index

30	30	30	2243
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mol* Viewer: modern web app for 3D visualization and analysis of large biomolecular structures. Nucleic Acids Research, 2021, 49, W431-W437.	14.5	515
2	MOLEonline: a web-based tool for analyzing channels, tunnels and pores (2018 update). Nucleic Acids Research, 2018, 46, W368-W373.	14.5	208
3	Membrane-attached mammalian cytochromes P450: An overview of the membrane's effects on structure, drug binding, and interactions with redox partners. Journal of Inorganic Biochemistry, 2018, 183, 117-136.	3.5	117
4	Novel N-substituted indole Schiff bases as dual inhibitors of cyclooxygenase-2 and 5-lipoxygenase enzymes: Synthesis, biological activities inÂvitro and docking study. European Journal of Medicinal Chemistry, 2016, 123, 803-813.	5.5	73
5	A Novel Series of Highly Potent 2,6,9-Trisubstituted Purine Cyclin-Dependent Kinase Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 6234-6247.	6.4	45
6	Novel thidiazuron-derived inhibitors of cytokinin oxidase/dehydrogenase. Plant Molecular Biology, 2016, 92, 235-248.	3.9	43
7	Discovery of N²-(4-Amino-cyclohexyl)-9-cyclopentyl-N⁶-(4-morpholin-4-ylmethyl-phenyl)-9H-purine-2,6 as a Potent FLT3 Kinase Inhibitor for Acute Myeloid Leukemia with FLT3 Mutations. Journal of Medicinal Chemistry, 2018, 61, 3855-3869.	6.4	36
8	Antiallergic Effects of Pigments Isolated from Green Sea Urchin (Strongylocentrotus droebachiensis) Shells. Planta Medica, 2013, 79, 1698-1704.	1.3	33
9	Synthesis, biological evaluation and molecular modeling of a novel series of 7-azaindole based tri-heterocyclic compounds as potent CDK2/Cyclin E inhibitors. European Journal of Medicinal Chemistry, 2016, 108, 701-719.	5.5	33
10	Synthesis and kinase inhibitory activity of new sulfonamide derivatives of pyrazolo[4,3-e][1,2,4]triazines. European Journal of Medicinal Chemistry, 2014, 78, 217-224.	5.5	27
11	Acetylated deoxycholic (DCA) and cholic (CA) acids are potent ligands of pregnane X (PXR) receptor. Toxicology Letters, 2017, 265, 86-96.	0.8	25
12	Design, synthesis and biological activities of new brassinosteroid analogues with a phenyl group in the side chain. Organic and Biomolecular Chemistry, 2016, 14, 8691-8701.	2.8	21
13	Biological activities of new monohydroxylated brassinosteroid analogues with a carboxylic group in the side chain. Steroids, 2014, 85, 58-64.	1.8	20
14	Characterization of a Pyrazolo[4,3â€d]pyrimidine Inhibitor of Cyclinâ€Dependent Kinases 2 and 5 and Aurora A With Proâ€Apoptotic and Antiâ€Angiogenic Activity In Vitro. Chemical Biology and Drug Design, 2015, 86, 1528-1540.	3.2	16
15	Synthesis of novel aryl brassinosteroids through alkene cross-metathesis and preliminary biological study. Steroids, 2017, 127, 46-55.	1.8	14
16	Synthesis of novel galeterone derivatives and evaluation of their inÂvitro activity against prostate cancer cell lines. European Journal of Medicinal Chemistry, 2019, 179, 483-492.	5.5	13
17	Novel thiazolidinedione-hydroxamates as inhibitors of Mycobacterium tuberculosis virulence factor Zmp1. European Journal of Medicinal Chemistry, 2020, 185, 111812.	5.5	12
18	2,6,9-Trisubstituted purines as CRK3 kinase inhibitors with antileishmanial activity in vitro. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2298-2301.	2.2	11

#	Article	IF	Citations
19	Synthesis of dihydrotestosterone derivatives modified in the A-ring with (hetero)arylidene, pyrazolo[1,5-a]pyrimidine and triazolo[1,5-a]pyrimidine moieties and their targeting of the androgen receptor in prostate cancer. Journal of Steroid Biochemistry and Molecular Biology, 2021, 211, 105904.	2.5	10
20	MolMeDB: Molecules on Membranes Database. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	9
21	Exponential repulsion improves structural predictability of molecular docking. Journal of Computational Chemistry, 2016, 37, 2485-2494.	3.3	8
22	Î²â€caryophyllene Oxide and Trans-nerolidol Affect Enzyme Activity of CYP3A4 â€“ In Vitro and In Silico Studies. Physiological Research, 2019, 68, S51-S58.	0.9	8
23	Fluorone dyes have binding sites on both cytoplasmic and extracellular domains of Na,K-ATPase. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 568-576.	2.6	5
24	Synthesis and Biological Activity of Brassinosteroid Analogues with a Nitrogen-Containing Side Chain. International Journal of Molecular Sciences, 2021, 22, 155.	4.1	5
25	Mole 2.5 - Tool for Detection and Analysis of Macromolecular Pores and Channels. Biophysical Journal, 2017, 112, 292a-293a.	0.5	4
26	RH421 binds into the ATP-binding site on the Na+/K+-ATPase. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 2113-2122.	2.6	3
27	Arabidopsis histidine kinase 4 cytokinin receptor â€“ The object of interest in ligand-receptor study. New Biotechnology, 2016, 33, S165.	4.4	2
28	Metabolic interactions of benzodiazepines with oxycodone ex vivo and toxicity depending on usage patterns in an animal model. British Journal of Pharmacology, 2021, , .	5.4	2
29	Channelsdb and Moleonline - Database and Tool for Analysis of Biomacromolecular Tunnels and Pores. Biophysical Journal, 2018, 114, 342a-343a.	0.5	1