

# Vaclav Bazgier

## List of Publications by Citations

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25  
papers

629  
citations

12  
h-index

25  
g-index

30  
ext. papers

1,004  
ext. citations

5.6  
avg, IF

4.07  
L-index

#	Paper	IF	Citations
25	Mol* Viewer: modern web app for 3D visualization and analysis of large biomolecular structures. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, W431-W437	20.1	113
24	MOLEonline: a web-based tool for analyzing channels, tunnels and pores (2018 update). <i>Nucleic Acids Research</i> , <b>2018</b> , 46, W368-W373	20.1	112
23	Membrane-attached mammalian cytochromes P450: An overview of the membrane effects on structure, drug binding, and interactions with redox partners. <i>Journal of Inorganic Biochemistry</i> , <b>2018</b> , 183, 117-136	4.2	64
22	Novel N-substituted indole Schiff bases as dual inhibitors of cyclooxygenase-2 and 5-lipoxygenase enzymes: Synthesis, biological activities in vitro and docking study. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 123, 803-813	6.8	55
21	A novel series of highly potent 2,6,9-trisubstituted purine cyclin-dependent kinase inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 6234-47	8.3	39
20	Synthesis, biological evaluation and molecular modeling of a novel series of 7-azaindole based tri-heterocyclic compounds as potent CDK2/Cyclin E inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 108, 701-719	6.8	31
19	Antiallergic effects of pigments isolated from green sea urchin ( <i>Strongylocentrotus droebachiensis</i> ) shells. <i>Planta Medica</i> , <b>2013</b> , 79, 1698-704	3.1	28
18	Novel thidiazuron-derived inhibitors of cytokinin oxidase/dehydrogenase. <i>Plant Molecular Biology</i> , <b>2016</b> , 92, 235-48	4.6	27
17	Synthesis and kinase inhibitory activity of new sulfonamide derivatives of pyrazolo[4,3-e][1,2,4]triazines. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 78, 217-24	6.8	23
16	Discovery of N-(4-Amino-cyclohexyl)-9-cyclopentyl- N-(4-morpholin-4-ylmethyl-phenyl)-9H-purine-2,6-diamine as a Potent FLT3 Kinase Inhibitor for Acute Myeloid Leukemia with FLT3 Mutations. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 3855-3869	8.3	19
15	Acetylated deoxycholic (DCA) and cholic (CA) acids are potent ligands of pregnane X (PXR) receptor. <i>Toxicology Letters</i> , <b>2017</b> , 265, 86-96	4.4	19
14	Biological activities of new monohydroxylated brassinosteroid analogues with a carboxylic group in the side chain. <i>Steroids</i> , <b>2014</b> , 85, 58-64	2.8	15
13	Design, synthesis and biological activities of new brassinosteroid analogues with a phenyl group in the side chain. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 8691-8701	3.9	12
12	2,6,9-Trisubstituted purines as CRK3 kinase inhibitors with antileishmanial activity in vitro. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2015</b> , 25, 2298-301	2.9	11
11	Characterization of a Pyrazolo[4,3-d]pyrimidine Inhibitor of Cyclin-Dependent Kinases 2 and 5 and Aurora A With Pro-Apoptotic and Anti-Angiogenic Activity In Vitro. <i>Chemical Biology and Drug Design</i> , <b>2015</b> , 86, 1528-40	2.9	11
10	Synthesis of novel aryl brassinosteroids through alkene cross-metathesis and preliminary biological study. <i>Steroids</i> , <b>2017</b> , 127, 46-55	2.8	8
9	Exponential repulsion improves structural predictability of molecular docking. <i>Journal of Computational Chemistry</i> , <b>2016</b> , 37, 2485-94	3.5	7

8	Synthesis of novel galeterone derivatives and evaluation of their in vitro activity against prostate cancer cell lines. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 179, 483-492	6.8	6
7	Novel thiazolidinedione-hydroxamates as inhibitors of Mycobacterium tuberculosis virulence factor Zmp1. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 185, 111812	6.8	6
6	Fluorone dyes have binding sites on both cytoplasmic and extracellular domains of Na,K-ATPase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2013</b> , 1828, 568-76	3.8	5
5	MolMeDB: Molecules on Membranes Database. <i>Database: the Journal of Biological Databases and Curation</i> , <b>2019</b> , 2019,	5	4
4	beta-caryophyllene oxide and trans-nerolidol affect enzyme activity of CYP3A4 - in vitro and in silico studies. <i>Physiological Research</i> , <b>2019</b> , 68, S51-S58	2.1	4
3	RH421 binds into the ATP-binding site on the Na/K-ATPase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2017</b> , 1859, 2113-2122	3.8	2
2	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. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2021</b> , 211, 105904	5.1	2
1	Arabidopsis histidine kinase 4 cytokinin receptor The object of interest in ligand-receptor study. <i>New Biotechnology</i> , <b>2016</b> , 33, S165	6.4	2