

Vaclav Bazgier

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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> , 2021 , 49, W431-W437 | 20.1 | 113 |
| 24 | 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> , 2021 , 211, 105904 | 5.1 | 2 |
| 23 | Novel thiazolidinedione-hydroxamates as inhibitors of Mycobacterium tuberculosis virulence factor Zmp1. <i>European Journal of Medicinal Chemistry</i> , 2020 , 185, 111812 | 6.8 | 6 |
| 22 | Synthesis of novel galeterone derivatives and evaluation of their in vitro activity against prostate cancer cell lines. <i>European Journal of Medicinal Chemistry</i> , 2019 , 179, 483-492 | 6.8 | 6 |
| 21 | MolMeDB: Molecules on Membranes Database. <i>Database: the Journal of Biological Databases and Curation</i> , 2019 , 2019, | 5 | 4 |
| 20 | beta-caryophyllene oxide and trans-nerolidol affect enzyme activity of CYP3A4 - in vitro and in silico studies. <i>Physiological Research</i> , 2019 , 68, S51-S58 | 2.1 | 4 |
| 19 | 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> , 2018 , 183, 117-136 | 4.2 | 64 |
| 18 | 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> , 2018 , 61, 3855-3869 | 8.3 | 19 |
| 17 | MOLEonline: a web-based tool for analyzing channels, tunnels and pores (2018 update). <i>Nucleic Acids Research</i> , 2018 , 46, W368-W373 | 20.1 | 112 |
| 16 | Synthesis of novel aryl brassinosteroids through alkene cross-metathesis and preliminary biological study. <i>Steroids</i> , 2017 , 127, 46-55 | 2.8 | 8 |
| 15 | RH421 binds into the ATP-binding site on the Na/K-ATPase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017 , 1859, 2113-2122 | 3.8 | 2 |
| 14 | Acetylated deoxycholic (DCA) and cholic (CA) acids are potent ligands of pregnane X (PXR) receptor. <i>Toxicology Letters</i> , 2017 , 265, 86-96 | 4.4 | 19 |
| 13 | Design, synthesis and biological activities of new brassinosteroid analogues with a phenyl group in the side chain. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 8691-8701 | 3.9 | 12 |
| 12 | Exponential repulsion improves structural predictability of molecular docking. <i>Journal of Computational Chemistry</i> , 2016 , 37, 2485-94 | 3.5 | 7 |
| 11 | Novel thidiazuron-derived inhibitors of cytokinin oxidase/dehydrogenase. <i>Plant Molecular Biology</i> , 2016 , 92, 235-48 | 4.6 | 27 |
| 10 | 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> , 2016 , 108, 701-719 | 6.8 | 31 |
| 9 | Arabidopsis histidine kinase 4 cytokinin receptor - The object of interest in ligand-receptor study. <i>New Biotechnology</i> , 2016 , 33, S165 | 6.4 | 2 |

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| 8 | 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> , 2016 , 123, 803-813 | 6.8 | 55 |
| 7 | 2,6,9-Trisubstituted purines as CRK3 kinase inhibitors with antileishmanial activity in vitro. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 2298-301 | 2.9 | 11 |
| 6 | 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> , 2015 , 86, 1528-40 | 2.9 | 11 |
| 5 | 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> , 2014 , 78, 217-24 | 6.8 | 23 |
| 4 | Biological activities of new monohydroxylated brassinosteroid analogues with a carboxylic group in the side chain. <i>Steroids</i> , 2014 , 85, 58-64 | 2.8 | 15 |
| 3 | A novel series of highly potent 2,6,9-trisubstituted purine cyclin-dependent kinase inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 6234-47 | 8.3 | 39 |
| 2 | Fluorone dyes have binding sites on both cytoplasmic and extracellular domains of Na,K-ATPase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013 , 1828, 568-76 | 3.8 | 5 |
| 1 | Antiallergic effects of pigments isolated from green sea urchin (<i>Strongylocentrotus droebachiensis</i>) shells. <i>Planta Medica</i> , 2013 , 79, 1698-704 | 3.1 | 28 |