

Pavel Barta

List of Publications by Citations

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Version: 2024-04-25

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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.

23
papers

212
citations

8
h-index

14
g-index

23
ext. papers

239
ext. citations

3
avg, IF

2.68
L-index

#	Paper	IF	Citations
23	Gefitinib induces epidermal growth factor receptor dimers which alters the interaction characteristics with α EGF. <i>PLoS ONE</i> , 2011 , 6, e24739	3.7	67
22	Protein interactions with HER-family receptors can have different characteristics depending on the hosting cell line. <i>International Journal of Oncology</i> , 2012 , 40, 1677-82	4.4	17
21	Trans-resveratrol, but not other natural stilbenes occurring in food, carries the risk of drug-food interaction via inhibition of cytochrome P450 enzymes or interaction with xenosensor receptors. <i>Toxicology Letters</i> , 2019 , 300, 81-91	4.4	17
20	Preparation of peptide thioesters using Fmoc strategy through hydroxyl side chain anchoring. <i>Tetrahedron Letters</i> , 2008 , 49, 4016-4019	2	15
19	Impact of assay temperature on antibody binding characteristics in living cells: A case study. <i>Biomedical Reports</i> , 2017 , 7, 400-406	1.8	14
18	A comparison of in vitro methods for determining the membrane receptor expression in cell lines. <i>Nuclear Medicine and Biology</i> , 2012 , 39, 893-6	2.1	14
17	Circumventing the requirement of binding saturation for receptor quantification using interaction kinetic extrapolation. <i>Nuclear Medicine Communications</i> , 2011 , 32, 863-7	1.6	13
16	Exploring Time-Resolved Characterization of the Heterogeneity and Dynamics of Ligand-Receptor Interactions on Living Cells. <i>Journal of Analytical Oncology</i> , 2014 , 3, 94-104		8
15	Entecavir Interacts with Influx Transporters hOAT1, hCNT2, hCNT3, but Not with hOCT2: The Potential for Renal Transporter-Mediated Cytotoxicity and Drug-Drug Interactions. <i>Frontiers in Pharmacology</i> , 2015 , 6, 304	5.6	7
14	The involvement of selected membrane transport mechanisms in the cellular uptake of (177)Lu-labeled bombesin, somatostatin and gastrin analogues. <i>Nuclear Medicine and Biology</i> , 2015 , 42, 1-7	2.1	6
13	Preclinical evaluation of radiolabelled nimotuzumab, a promising monoclonal antibody targeting the epidermal growth factor receptor. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2013 , 56, 280-8	1.9	6
12	5-Alkylamino--phenylpyrazine-2-carboxamides: Design, Preparation, and Antimycobacterial Evaluation. <i>Molecules</i> , 2020 , 25,	4.8	6
11	-Pyrazinoyl Substituted Amino Acids as Potential Antimycobacterial Agents-The Synthesis and Biological Evaluation of Enantiomers. <i>Molecules</i> , 2020 , 25,	4.8	5
10	The effect of chelator type on in vitro receptor binding and stability in 177Lu-labeled cetuximab and panitumumab. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2014 , 57, 448-52	1.9	4
9	Antiangiogenic Human Monoclonal Antibody Ramucirumab Radiolabelling: Evaluation on VEGFR2-positive Cell Lines. <i>Anticancer Research</i> , 2019 , 39, 735-744	2.3	2
8	Determination of receptor protein binding site specificity and relative binding strength using a time-resolved competition assay. <i>Journal of Pharmacological and Toxicological Methods</i> , 2014 , 70, 145-51 ¹⁻⁷		2
7	N-pyridinylbenzamides: an isosteric approach towards new antimycobacterial compounds. <i>Chemical Biology and Drug Design</i> , 2021 , 97, 686-700	2.9	2

6	Synthesis, Biological Evaluation, and In Silico Modeling of -Substituted Quinoxaline-2-Carboxamides. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
5	In vitro evaluation of concentration, labeling effectiveness and stability for I-labeled radioimmunoassay ligand using real-time detection technology. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2017 , 60, 80-86	1.9	1
4	The in vivo disposition and in vitro transmembrane transport of two model radiometabolites of DOTA-conjugated receptor-specific peptides labelled with (177) Lu. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2015 , 58, 483-9	1.9	1
3	Design, synthesis and biological evaluation of substituted 3-amino-N-(thiazol-2-yl)pyrazine-2-carboxamides as inhibitors of mycobacterial methionine aminopeptidase 1. <i>Bioorganic Chemistry</i> , 2022 , 118, 105489	5.1	1
2	Preclinical evaluation of anti-VEGFR2 monoclonal antibody ramucirumab labelled with zirconium-89 for tumour imaging. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2021 , 64, 262-270	1.9	1
1	Improving Antimicrobial Activity and Physico-Chemical Properties by Isosteric Replacement of 2-Aminothiazole with 2-Aminooxazole. <i>Pharmaceuticals</i> , 2022 , 15, 580	5.2	1