

Pavel V Pogodin

List of Publications by Year in descending order

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27
papers

1,412
citations

567281

15
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

1698
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of the Biological Activity Spectra of Organic Compounds Using the Pass Online Web Resource. <i>Chemistry of Heterocyclic Compounds</i> , 2014, 50, 444-457.	1.2	630
2	CoMPARA: Collaborative Modeling Project for Androgen Receptor Activity. <i>Environmental Health Perspectives</i> , 2020, 128, 27002.	6.0	120
3	CLC-Pred: A freely available web-service for in silico prediction of human cell line cytotoxicity for drug-like compounds. <i>PLoS ONE</i> , 2018, 13, e0191838.	2.5	116
4	Chemo- and bioinformatics resources for in silico drug discovery from medicinal plants beyond their traditional use: a critical review. <i>Natural Product Reports</i> , 2014, 31, 1585-1611.	10.3	104
5	Computational platform Way2Drug: from the prediction of biological activity to drug repurposing. <i>Russian Chemical Bulletin</i> , 2017, 66, 1832-1841.	1.5	60
6	Computer-aided prediction of biological activity spectra for organic compounds: the possibilities and limitations. <i>Russian Chemical Bulletin</i> , 2019, 68, 2143-2154.	1.5	56
7	PASS Targets: Ligand-based multi-target computational system based on a public data and naïve Bayes approach. <i>SAR and QSAR in Environmental Research</i> , 2015, 26, 783-793.	2.2	52
8	Molecular imprinting coupled with electrochemical analysis for plasma samples classification in acute myocardial infarction diagnostic. <i>Biosensors and Bioelectronics</i> , 2018, 99, 216-222.	10.1	32
9	How to Achieve Better Results Using PASS-Based Virtual Screening: Case Study for Kinase Inhibitors. <i>Frontiers in Chemistry</i> , 2018, 6, 133.	3.6	27
10	AntiBac-Pred: A Web Application for Predicting Antibacterial Activity of Chemical Compounds. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 4513-4518.	5.4	24
11	Drug-drug interaction prediction using PASS. <i>SAR and QSAR in Environmental Research</i> , 2019, 30, 655-664.	2.2	19
12	Comparison of Quantitative and Qualitative (Q)SAR Models Created for the Prediction of Ki and IC50 Values of Antitarget Inhibitors. <i>Frontiers in Pharmacology</i> , 2018, 9, 1136.	3.5	17
13	Rational Use of Heterogeneous Data in Quantitative Structure–Activity Relationship (QSAR) Modeling of Cyclooxygenase/Lipoxygenase Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 713-730.	5.4	17
14	3-Amino-5-(indol-3-yl)methylene-4-oxo-2-thioxothiazolidine Derivatives as Antimicrobial Agents: Synthesis, Computational and Biological Evaluation. <i>Pharmaceuticals</i> , 2020, 13, 229.	3.8	16
15	Combined network pharmacology and virtual reverse pharmacology approaches for identification of potential targets to treat vascular dementia. <i>Scientific Reports</i> , 2020, 10, 257.	3.3	16
16	Prediction of Severity of Drug-Drug Interactions Caused by Enzyme Inhibition and Activation. <i>Molecules</i> , 2019, 24, 3955.	3.8	15
17	Prediction of Drug-Drug Interactions Related to Inhibition or Induction of Drug-Metabolizing Enzymes. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 319-336.	2.1	15
18	Identification of Drug-Induced Myocardial Infarction-Related Protein Targets through the Prediction of Drug–Target Interactions and Analysis of Biological Processes. <i>Chemical Research in Toxicology</i> , 2014, 27, 1263-1281.	3.3	14

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19	Antimicrobial Activity of Nitrogen-Containing 5-Î±-Androstane Derivatives: In Silico and Experimental Studies. <i>Antibiotics</i> , 2020, 9, 224.	3.7	12
20	Identification of Drug Targets Related to the Induction of Ventricular Tachyarrhythmia Through a Systems Chemical Biology Approach. <i>Toxicological Sciences</i> , 2015, 145, 321-336.	3.1	11
21	Virtual screening of chemical compounds active against breast cancer cell lines based on cell cycle modelling, prediction of cytotoxicity and interaction with targets. <i>SAR and QSAR in Environmental Research</i> , 2015, 26, 595-604.	2.2	9
22	In Silico Prediction of Drug-Drug Interactions Mediated by Cytochrome P450 Isoforms. <i>Pharmaceutics</i> , 2021, 13, 538.	4.5	9
23	Integral estimation of xenobiotics' toxicity with regard to their metabolism in human organism. <i>Pure and Applied Chemistry</i> , 2017, 89, 1449-1458.	1.9	8
24	Synthesis, Biological Evaluation and Molecular Docking Studies of 5-Indolylmethylen-4-oxo-2-thioxothiazolidine Derivatives. <i>Molecules</i> , 2022, 27, 1068.	3.8	6
25	Protocol for Increasing the Sensitivity of MS-Based Protein Detection in Human Chorionic Villi. <i>Current Issues in Molecular Biology</i> , 2022, 44, 2069-2088.	2.4	4
26	Improving (Q)SAR predictions by examining bias in the selection of compounds for experimental testing. <i>SAR and QSAR in Environmental Research</i> , 2019, 30, 759-773.	2.2	2
27	Evolution of Protein Functional Annotation: Text Mining Study. <i>Journal of Personalized Medicine</i> , 2022, 12, 479.	2.5	1