Ruifeng Liu

List of Publications by Year
in descending order

21	655	623734 14	713466 21
papers	citations	h-index	g-index

21	21	21	1022
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wearables Detect Malaria Early in a Controlled Human-Infection Study. IEEE Transactions on Biomedical Engineering, 2022, 69, 2119-2129.	4.2	5
2	ToxProfiler: Toxicity-target profiler based on chemical similarity. Computational Toxicology, 2021, 18, 100162.	3.3	11
3	Deep Neural Network Models for Predicting Chemically Induced Liver Toxicity Endpoints From Transcriptomic Responses. Frontiers in Pharmacology, 2019, 10, 42.	3.5	41
4	Molecular Similarity-Based Domain Applicability Metric Efficiently Identifies Out-of-Domain Compounds. Journal of Chemical Information and Modeling, 2019, 59, 181-189.	5.4	37
5	Dissecting Machine-Learning Prediction of Molecular Activity: Is an Applicability Domain Needed for Quantitative Structureâ€“Activity Relationship Models Based on Deep Neural Networks?. Journal of Chemical Information and Modeling, 2019, 59, 117-126.	5.4	38
6	Genome-wide gene expression changes associated with exposure of rat liver, heart, and kidney cells to endosulfan. Toxicology in Vitro, 2018, 48, 244-254.	2.4	9
7	Assessing Deep and Shallow Learning Methods for Quantitative Prediction of Acute Chemical Toxicity. Toxicological Sciences, 2018, 164, 512-526.	3.1	40
8	General Approach to Estimate Error Bars for Quantitative Structureâ€“Activity Relationship Predictions of Molecular Activity. Journal of Chemical Information and Modeling, 2018, 58, 1561-1575.	5.4	30
9	Molecular Structure-Based Large-Scale Prediction of Chemical-Induced Gene Expression Changes. Journal of Chemical Information and Modeling, 2017, 57, 2194-2202.	5.4	5
10	Data-driven prediction of adverse drug reactions induced by drug-drug interactions. BMC Pharmacology & Toxicology, 2017, 18, 44.	2.4	35
11	vNN Web Server for ADMET Predictions. Frontiers in Pharmacology, 2017, 8, 889.	3.5	148
12	Using the Variable-Nearest Neighbor Method To Identify P-Glycoprotein Substrates and Inhibitors. ACS Omega, 2016, 1, 923-929.	3.5	7
13	Using Chemical-Induced Gene Expression in Cultured Human Cells to Predict Chemical Toxicity. Chemical Research in Toxicology, 2016, 29, 1883-1893.	3.3	7
14	Critically Assessing the Predictive Power of QSAR Models for Human Liver Microsomal Stability. Journal of Chemical Information and Modeling, 2015, 55, 1566-1575.	5.4	28
15	Exploiting large-scale drug-protein interaction information for computational drug repurposing. BMC Bioinformatics, 2014, 15, 210.	2.6	16
16	Merging Applicability Domains for in Silico Assessment of Chemical Mutagenicity. Journal of Chemical Information and Modeling, 2014, 54, 793-800.	5.4	21
17	Locally Weighted Learning Methods for Predicting Dose-Dependent Toxicity with Application to the Human Maximum Recommended Daily Dose. Chemical Research in Toxicology, 2012, 25, 2216-2226.	3.3	27
18	Computational tools and resources for metabolism-related property predictions. 1. Overview of publicly available (free and commercial) databases and software. Future Medicinal Chemistry, 2012, 4, 1907-1932.	2.3	54

#	Article	IF	Citations
19	2D SMARTCyp Reactivity-Based Site of Metabolism Prediction for Major Drug-Metabolizing Cytochrome P450 Enzymes. Journal of Chemical Information and Modeling, 2012, 52, 1698-1712.	5.4	30
20	Using Molecular Fingerprint as Descriptors in the QSPR Study of Lipophilicity. Journal of Chemical Information and Modeling, 2008, 48, 542-549.	5.4	33
21	Scores of Extended Connectivity Fingerprint as Descriptors in QSPR Study of Melting Point and Aqueous Solubility. Journal of Chemical Information and Modeling, 2008, 48, 981-987.	5.4	33