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	vNN Web Server for ADMET Predictions. Frontiers in Pharmacology, 2017, 8, 889.	3.5	148
2	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
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	Assessing Deep and Shallow Learning Methods for Quantitative Prediction of Acute Chemical Toxicity. Toxicological Sciences, 2018, 164, 512-526.	3.1	40
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	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
7	Data-driven prediction of adverse drug reactions induced by drug-drug interactions. BMC Pharmacology & Toxicology, 2017, 18, 44.	2.4	35
8	Using Molecular Fingerprint as Descriptors in the QSPR Study of Lipophilicity. Journal of Chemical Information and Modeling, 2008, 48, 542-549.	5.4	33
9	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
10	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
11	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
12	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
13	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
14	Merging Applicability Domains for in Silico Assessment of Chemical Mutagenicity. Journal of Chemical Information and Modeling, 2014, 54, 793-800.	5.4	21
15	Exploiting large-scale drug-protein interaction information for computational drug repurposing. BMC Bioinformatics, 2014, 15, 210.	2.6	16
16	ToxProfiler: Toxicity-target profiler based on chemical similarity. Computational Toxicology, 2021, 18, 100162.	3.3	11
17	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
18	Using the Variable-Nearest Neighbor Method To Identify P-Glycoprotein Substrates and Inhibitors. ACS Omega, 2016, 1, 923-929.	3.5	7

#	Article	IF	Citations
19	Using Chemical-Induced Gene Expression in Cultured Human Cells to Predict Chemical Toxicity. Chemical Research in Toxicology, 2016, 29, 1883-1893.	3.3	7
20	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
21	Wearables Detect Malaria Early in a Controlled Human-Infection Study. IEEE Transactions on Biomedical Engineering, 2022, 69, 2119-2129.	4.2	5