Zihao Wang

List of Publications by Year
in descending order

9	255	1163117 8	1474206 9
papers	citations	h-index	g-index

10	10	10	170
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An architecture of deep learning in QSPR modeling for the prediction of critical properties using molecular signatures. AIChE Journal, 2019, 65, e16678.	3.6	70
2	Predictive deep learning models for environmental properties: the direct calculation of octanolâ€“water partition coefficients from molecular graphs. Green Chemistry, 2019, 21, 4555-4565.	9.0	69
3	A novel unambiguous strategy of molecular feature extraction in machine learning assisted predictive models for environmental properties. Green Chemistry, 2020, 22, 3867-3876.	9.0	29
4	Machine Learning for Ionic Liquid Toxicity Prediction. Processes, 2021, 9, 65.	2.8	24
5	A systematic modeling methodology of deep neural networkâ€based structureâ€property relationship for rapid and reliable prediction on flashpoints. AIChE Journal, 2022, 68, e17402.	3.6	22
6	Insights into ensemble learning-based data-driven model for safety-related property of chemical substances. Chemical Engineering Science, 2022, 248, 117219.	3.8	17
7	Comprehensive Evaluation of COSMO-RS for Predicting Ternary and Binary Ionic Liquid-Containing Vaporâ€“Liquid Equilibria. Industrial & Engineering Chemistry Research, 2021, 60, 17761-17777.	3.7	12
8	A multi-task deep learning neural network for predicting flammability-related properties from molecular structures. Green Chemistry, 2021, 23, 4451-4465.	9.0	9
9	High-Throughput Computational Screening of Ionic Liquids for Butadiene and Butene Separation. Processes, 2022, 10, 165.	2.8	3