

# Zihao Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/934621/publications.pdf>

Version: 2024-02-01

9  
papers

255  
citations

1163117

8  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

170  
citing authors

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