

Liwei Cao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6051546/publications.pdf>

Version: 2024-02-01

9
papers

335
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

407
citing authors

#	ARTICLE	IF	CITATIONS
1	On the feature engineering of building energy data mining. Sustainable Cities and Society, 2018, 39, 508-518.	10.4	88
2	Machine learning and molecular descriptors enable rational solvent selection in asymmetric catalysis. Chemical Science, 2019, 10, 6697-6706.	7.4	84
3	From Platform to Knowledge Graph: Evolution of Laboratory Automation. JACS Au, 2022, 2, 292-309.	7.9	42
4	Synergistic Contribution of the Acidic Metal Oxide-Metal Couple and Solvent Environment in the Selective Hydrogenolysis of Glycerol: A Combined Experimental and Computational Study Using ReO _x -Ir as the Catalyst. ACS Catalysis, 2019, 9, 485-503.	11.2	40
5	Optimization of Formulations Using Robotic Experiments Driven by Machine Learning DoE. Cell Reports Physical Science, 2021, 2, 100295.	5.6	28
6	A new formulation for symbolic regression to identify physico-chemical laws from experimental data. Chemical Engineering Journal, 2020, 387, 123412.	12.7	27
7	Solvent Selection for Mitsunobu Reaction Driven by an Active Learning Surrogate Model. Organic Process Research and Development, 2020, 24, 2864-2873.	2.7	12
8	Machine Learning-aided Process Design for Formulated Products. Computer Aided Chemical Engineering, 2020, 48, 1789-1794.	0.5	4
9	In silico rationalisation of selectivity and reactivity in Pd-catalysed C-H activation reactions. Beilstein Journal of Organic Chemistry, 2020, 16, 1465-1475.	2.2	2