

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