

Zhenpeng Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

883
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1388
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal and Catalytic Decomposition of 2-Hydroxyethylhydrazine and 2-Hydroxyethylhydrazinium Nitrate Ionic Liquid. <i>Journal of Physical Chemistry A</i> , 2022, 126, 373-394.	2.5	4
2	Cell-Type-Specific Metabolic Profiling Achieved by Combining Desorption Electrospray Ionization Mass Spectrometry Imaging and Immunofluorescence Staining. <i>Analytical Chemistry</i> , 2020, 92, 13281-13289.	6.5	31
3	Optimization of Molecules via Deep Reinforcement Learning. <i>Scientific Reports</i> , 2019, 9, 10752.	3.3	243
4	Proof of concept for identifying cystic fibrosis from perspiration samples. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24408-24412.	7.1	14
5	Combining Desorption Electrospray Ionization Mass Spectrometry Imaging and Machine Learning for Molecular Recognition of Myocardial Infarction. <i>Analytical Chemistry</i> , 2018, 90, 12198-12206.	6.5	22
6	Fluorescence Polarization Anisotropy in Microdroplets. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2928-2932.	4.6	72
7	Personal Information from Latent Fingerprints Using Desorption Electrospray Ionization Mass Spectrometry and Machine Learning. <i>Analytical Chemistry</i> , 2017, 89, 1369-1372.	6.5	75
8	Upgrading Asphaltenes by Oil Droplets Striking a Charged TiO ₂ -Immobilized Paper Surface. <i>Energy & Fuels</i> , 2017, 31, 12685-12690.	5.1	4
9	Optimizing Chemical Reactions with Deep Reinforcement Learning. <i>ACS Central Science</i> , 2017, 3, 1337-1344.	11.3	291
10	Nanotip Ambient Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 5542-5548.	6.5	23
11	A distance-dependent metal-enhanced fluorescence sensing platform based on molecular beacon design. <i>Biosensors and Bioelectronics</i> , 2014, 52, 367-373.	10.1	78
12	A dual amplification strategy for DNA detection combining bio-barcode assay and metal-enhanced fluorescence modality. <i>Chemical Communications</i> , 2014, 50, 13373-13376.	4.1	25