

# Zhenpeng Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3967507/publications.pdf>

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