

Yin-Hung Lai

List of Publications by Year in descending order

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14
papers

397
citations

1040056

9
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

453
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanometre-scale spectroscopic visualization of catalytic sites during a hydrogenation reaction on a Pd/Au bimetallic catalyst. <i>Nature Catalysis</i> , 2020, 3, 834-842.	34.4	84
2	Fluorescence Polarization Anisotropy in Microdroplets. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2928-2932.	4.6	72
3	Rapid Hydrogen-Deuterium Exchange in Liquid Droplets. <i>Journal of the American Chemical Society</i> , 2017, 139, 6851-6854.	13.7	70
4	Preparative microdroplet synthesis of carboxylic acids from aerobic oxidation of aldehydes. <i>Chemical Science</i> , 2018, 9, 5207-5211.	7.4	55
5	Microdroplets Accelerate Ring Opening of Epoxides. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1036-1043.	2.8	38
6	Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry: Mechanistic Studies and Methods for Improving the Structural Identification of Carbohydrates. <i>Mass Spectrometry</i> , 2017, 6, S0072-S0072.	0.6	23
7	Mechanistic Analysis of the C-H Amination Reaction of Menthol by CuBr ₂ and Selectfluor. <i>Journal of Organic Chemistry</i> , 2018, 83, 5681-5687.	3.2	15
8	Mechanisms for efficient clay dispersing effect with tannins and sodium hydroxide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 630, 127589.	4.7	13
9	Coupled Space- and Velocity-Focusing in Time-of-Flight Mass Spectrometry—a Comprehensive Theoretical Investigation. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 1722-1731.	2.8	10
10	Upgrading Asphaltene by Oil Droplets Striking a Charged TiO ₂ -Immobilized Paper Surface. <i>Energy & Fuels</i> , 2017, 31, 12685-12690.	5.1	4
11	A Dynamic Data Correction Method for Enhancing Resolving Power of Integrated Spectra in Spectroscopic Analysis. <i>Analytical Chemistry</i> , 2020, 92, 12763-12768.	6.5	4
12	Extended Graphite Supported Flower-like MnO ₂ as Bifunctional Materials for Supercapacitors and Glucose Sensing. <i>Nanomaterials</i> , 2021, 11, 2881.	4.1	4
13	Aptamer-Functionalized Glass Fiber Paper Platform for Rapid Upconcentration and Detection of Small Molecules. <i>Analytical Chemistry</i> , 2022, 94, 5651-5657.	6.5	4
14	Spraying Model PAHs on a Charged TiO ₂ Surface for High-Efficiency Degradation. <i>Energy & Fuels</i> , 2020, 34, 4289-4295.	5.1	1