Zhenwei Wei

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/965055/publications.pdf

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20	781	687363 13	713466 21
papers	citations	h-index	g-index

21	21	21	523
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Accelerated Reaction Kinetics in Microdroplets: Overview and Recent Developments. Annual Review of Physical Chemistry, 2020, 71, 31-51.	10.8	261
2	Pulsed Direct Current Electrospray: Enabling Systematic Analysis of Small Volume Sample by Boosting Sample Economy. Analytical Chemistry, 2015, 87, 11242-11248.	6.5	75
3	Accelerated reactions of amines with carbon dioxide driven by superacid at the microdroplet interface. Chemical Science, 2021, 12, 2242-2250.	7.4	75
4	Reaction Acceleration in Thin Films with Continuous Product Deposition for Organic Synthesis. Angewandte Chemie - International Edition, 2017, 56, 9386-9390.	13.8	58
5	Rapid Removal of Matrices from Smallâ€Volume Samples by Stepâ€Voltage Nanoelectrospray. Angewandte Chemie - International Edition, 2013, 52, 11025-11028.	13.8	53
6	Reaction Acceleration Promoted by Partial Solvation at the Gas/Solution Interface. ChemPlusChem, 2021, 86, 1362-1365.	2.8	50
7	High yield accelerated reactions in nonvolatile microthin films: chemical derivatization for analysis of single-cell intracellular fluid. Chemical Science, 2018, 9, 7779-7786.	7.4	42
8	Screening of the Suzuki Cross-Coupling Reaction Using Desorption Electrospray Ionization in High-Throughput and in Leidenfrost Droplet Experiments. Journal of the American Society for Mass Spectrometry, 2019, 30, 2144-2151.	2.8	28
9	In Situ Ion-Transmission Mass Spectrometry for Paper-Based Analytical Devices. Analytical Chemistry, 2016, 88, 10805-10810.	6.5	26
10	Reaction acceleration at airâ€solution interfaces: Anisotropic rate constants for Katritzky transamination. Journal of Mass Spectrometry, 2021, 56, e4585.	1.6	25
11	Highâ€Throughput Bioassays using â€œDipâ€andâ€Goâ€•Multiplexed Electrospray Mass Spectrometry. Angewandte Chemie - International Edition, 2019, 58, 17594-17598.	13.8	19
12	Reaction Acceleration at Solid/Solution Interfaces: Katritzky Reaction Catalyzed by Glass Particles. Angewandte Chemie - International Edition, 2021, 60, 2929-2933.	13.8	17
13	Reaction Acceleration in Thin Films with Continuous Product Deposition for Organic Synthesis. Angewandte Chemie, 2017, 129, 9514-9518.	2.0	14
14	Nebulization Prior to Isolation, Ionization, and Dissociation of the Neutral Serine Octamer Allows Its Characterization. Angewandte Chemie - International Edition, 2018, 57, 17141-17145.	13.8	13
15	Highâ€Throughput Bioassays using â€œDipâ€andâ€Goâ€•Multiplexed Electrospray Mass Spectrometry. Angewandte Chemie, 2019, 131, 17758-17762.	2.0	6
16	Pd Reaction Intermediates in Suzukiâ€Miyaura Crossâ€Coupling Characterized by Mass Spectrometry. ChemPlusChem, 2022, , e202100545.	2.8	5
17	Collection and Characterization by Mass Spectrometry of the Neutral Serine Octamer Generated upon Sublimation. Analytical Chemistry, 2021, 93, 1092-1099.	6.5	4
18	Reaction Acceleration at Solid/Solution Interfaces: Katritzky Reaction Catalyzed by Glass Particles. Angewandte Chemie, 2021, 133, 2965-2969.	2.0	3

#	Article	IF	Citations
19	Nebulization Prior to Isolation, Ionization, and Dissociation of the Neutral Serine Octamer Allows Its Characterization. Angewandte Chemie, 2018, 130, 17387-17391.	2.0	1
20	Development of Pico-ESI-MS for Single-Cell Metabolomics Analysis. Methods in Molecular Biology, 2020, 2064, 31-59.	0.9	1