Huihui Liu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10038765/publications.pdf

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28	903	566801	500791
papers	citations	15	28
		h-index	g-index

30	30	30	1181
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mass spectrometry imaging reveals the sub-organ distribution of carbon nanomaterials. Nature Nanotechnology, 2015, 10, 176-182.	15.6	164
2	MALDI-TOF MS Imaging of Metabolites with a N-(1-Naphthyl) Ethylenediamine Dihydrochloride Matrix and Its Application to Colorectal Cancer Liver Metastasis. Analytical Chemistry, 2015, 87, 422-430.	3.2	120
3	1,5-Diaminonaphthalene Hydrochloride Assisted Laser Desorption/Ionization Mass Spectrometry Imaging of Small Molecules in Tissues Following Focal Cerebral Ischemia. Analytical Chemistry, 2014, 86, 10114-10121.	3.2	105
4	Mass spectrometry imaging of the in situ drug release from nanocarriers. Science Advances, 2018, 4, eaat9039.	4.7	70
5	N-Phenyl-2-naphthylamine as a Novel MALDI Matrix for Analysis and in Situ Imaging of Small Molecules. Analytical Chemistry, 2018, 90, 729-736.	3.2	51
6	Ultratrace and robust visual sensor of Cd2+ ions based on the size-dependent optical properties of Au@g-CNQDs nanoparticles in mice models. Biosensors and Bioelectronics, 2018, 103, 87-93.	5.3	37
7	Differentiation and Relative Quantitation of Disaccharide Isomers by MALDI-TOF/TOF Mass Spectrometry. Analytical Chemistry, 2018, 90, 1525-1530.	3.2	33
8	MALDI-TOF/TOF tandem mass spectrometry imaging reveals non-uniform distribution of disaccharide isomers in plant tissues. Food Chemistry, 2021, 338, 127984.	4.2	33
9	Utilizing a Mini-Humidifier To Deposit Matrix for MALDI Imaging. Analytical Chemistry, 2018, 90, 8309-8313.	3.2	28
10	TiO₂/MXeneâ€Assisted LDIâ€MS for Urine Metabolic Profiling in Urinary Disease. Advanced Functional Materials, 2021, 31, 2106743.	7.8	27
11	Laser cleavable probes for in situ multiplexed glycan detection by single cell mass spectrometry. Chemical Science, 2019, 10, 10958-10962.	3.7	26
12	(S)-Oxiracetam is the Active Ingredient in Oxiracetam that Alleviates the Cognitive Impairment Induced by Chronic Cerebral Hypoperfusion in Rats. Scientific Reports, 2017, 7, 10052.	1.6	25
13	Mass spectrometry for multi-dimensional characterization of natural and synthetic materials at the nanoscale. Chemical Society Reviews, 2021, 50, 5243-5280.	18.7	23
14	Application of Graphdiyne in Surface-Assisted Laser Desorption Ionization Mass Spectrometry. ACS Applied Materials & Interfaces, 2021, 13, 1914-1920.	4.0	23
15	Fluorographene nanosheets: a new carbon-based matrix for the detection of small molecules by MALDI-TOF MS. RSC Advances, 2016, 6, 99714-99719.	1.7	21
16	Mass Spectrometry Imaging Reveals In Situ Behaviors of Multiple Components in Aerosol Particles. Angewandte Chemie - International Edition, 2021, 60, 23225-23231.	7.2	16
17	Laser Cleavable Probes-Based Cell Surface Engineering for in Situ Sialoglycoconjugates Profiling by Laser Desorption/Ionization Mass Spectrometry. Analytical Chemistry, 2018, 90, 6397-6402.	3.2	15
18	In Situ Bioconjugation and Ambient Surface Modification Using Reactive Charged Droplets. Analytical Chemistry, 2015, 87, 3144-3148.	3.2	14

#	Article	IF	Citations
19	Direct identification and metabolomic analysis of Huanglongbing associated with Candidatus Liberibacter spp. in navel orange by MALDI-TOF-MS. Analytical and Bioanalytical Chemistry, 2020, 412, 3091-3101.	1.9	14
20	Ultrafast Photocatalytic Reaction Screening by Mass Spectrometry. Analytical Chemistry, 2020, 92, 6564-6570.	3.2	12
21	Pocket-Size â€œMasSpec Pointerâ€•for Ambient Ionization Mass Spectrometry. Analytical Chemistry, 2021, 93, 13326-13333.	3.2	12
22	Development of an Automatic Ultrasonic Matrix Sprayer for Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging. Analytical Chemistry, 2022, 94, 6457-6462.	3.2	9
23	Mass, Size, and Density Measurements of Microparticles in a Quadrupole Ion Trap. Analytical Chemistry, 2019, 91, 13508-13513.	3.2	8
24	Application of flowerlike MgO for highly sensitive determination of lead via matrixâ€assisted laser desorption/ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 208-216.	0.7	5
25	Laser Desorption/Ionization Mass Spectrometry Imaging: A New Tool to See through Nanoscale Particles in Biological Systems. Chemistry - A European Journal, 2022, 28, .	1.7	4
26	Mass Spectrometry Imaging Reveals In Situ Behaviors of Multiple Components in Aerosol Particles. Angewandte Chemie, 2021, 133, 23413-23419.	1.6	3
27	High Speed Mass Measurement of a Single Metalâ€“Organic Framework Nanocrystal in a Paul Trap. Analytical Chemistry, 2022, 94, 2686-2692.	3.2	3
28	InnenrÃ¼cktitelbild: Mass Spectrometry Imaging Reveals In Situ Behaviors of Multiple Components in Aerosol Particles (Angew. Chem. 43/2021). Angewandte Chemie, 2021, 133, 23655-23655.	1.6	0