

Huihui Liu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

575
citations

12
h-index

23
g-index

30
ext. papers

752
ext. citations

10.3
avg, IF

3.74
L-index

#	Paper	IF	Citations
25	Mass spectrometry imaging reveals the sub-organ distribution of carbon nanomaterials. <i>Nature Nanotechnology</i> , 2015 , 10, 176-82	28.7	131
24	MALDI-TOF MS imaging of metabolites with a N-(1-naphthyl) ethylenediamine dihydrochloride matrix and its application to colorectal cancer liver metastasis. <i>Analytical Chemistry</i> , 2015 , 87, 422-30	7.8	86
23	1,5-Diaminonaphthalene hydrochloride assisted laser desorption/ionization mass spectrometry imaging of small molecules in tissues following focal cerebral ischemia. <i>Analytical Chemistry</i> , 2014 , 86, 10114-21	7.8	72
22	Mass spectrometry imaging of the in situ drug release from nanocarriers. <i>Science Advances</i> , 2018 , 4, eaat1039	10.3	46
21	N-Phenyl-2-naphthylamine as a Novel MALDI Matrix for Analysis and in Situ Imaging of Small Molecules. <i>Analytical Chemistry</i> , 2018 , 90, 729-736	7.8	33
20	Ultratrace and robust visual sensor of Cd ions based on the size-dependent optical properties of Au@g-CNQDs nanoparticles in mice models. <i>Biosensors and Bioelectronics</i> , 2018 , 103, 87-93	11.8	27
19	Differentiation and Relative Quantitation of Disaccharide Isomers by MALDI-TOF/TOF Mass Spectrometry. <i>Analytical Chemistry</i> , 2018 , 90, 1525-1530	7.8	21
18	Fluorographene nanosheets: a new carbon-based matrix for the detection of small molecules by MALDI-TOF MS. <i>RSC Advances</i> , 2016 , 6, 99714-99719	3.7	18
17	(S)-Oxiracetam is the Active Ingredient in Oxiracetam that Alleviates the Cognitive Impairment Induced by Chronic Cerebral Hypoperfusion in Rats. <i>Scientific Reports</i> , 2017 , 7, 10052	4.9	17
16	Utilizing a Mini-Humidifier To Deposit Matrix for MALDI Imaging. <i>Analytical Chemistry</i> , 2018 , 90, 8309-8313	7.8	16
15	Laser cleavable probes for multiplexed glycan detection by single cell mass spectrometry. <i>Chemical Science</i> , 2019 , 10, 10958-10962	9.4	16
14	In situ bioconjugation and ambient surface modification using reactive charged droplets. <i>Analytical Chemistry</i> , 2015 , 87, 3144-8	7.8	13
13	Application of Graphdiyne in Surface-Assisted Laser Desorption Ionization Mass Spectrometry. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 1914-1920	9.5	11
12	Laser Cleavable Probes-Based Cell Surface Engineering for in Situ Sialoglycoconjugates Profiling by Laser Desorption/Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2018 , 90, 6397-6402	7.8	11
11	Ultrafast Photocatalytic Reaction Screening by Mass Spectrometry. <i>Analytical Chemistry</i> , 2020 , 92, 6564-6570	6.5	8
10	MALDI-TOF/TOF tandem mass spectrometry imaging reveals non-uniform distribution of disaccharide isomers in plant tissues. <i>Food Chemistry</i> , 2021 , 338, 127984	8.5	8
9	Direct identification and metabolomic analysis of Huanglongbing associated with <i>Candidatus Liberibacter</i> spp. in navel orange by MALDI-TOF-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 3091-3101	4.4	7

8	Mass spectrometry for multi-dimensional characterization of natural and synthetic materials at the nanoscale. <i>Chemical Society Reviews</i> , 2021 , 50, 5243-5280	58.5	7
7	Mass, Size, and Density Measurements of Microparticles in a Quadrupole Ion Trap. <i>Analytical Chemistry</i> , 2019 , 91, 13508-13513	7.8	6
6	Pocket-Size "MasSpec Pointer" for Ambient Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2021 , 93, 13326-13333	7.8	6
5	Application of flowerlike MgO for highly sensitive determination of lead via matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30 Suppl 1, 208-16	2.2	4
4	Mass Spectrometry Imaging Reveals In Situ Behaviors of Multiple Components in Aerosol Particles. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23225-23231	16.4	4
3	TiO ₂ /MXene-Assisted LDI-MS for Urine Metabolic Profiling in Urinary Disease. <i>Advanced Functional Materials</i> , 2106743	15.6	3
2	Mass Spectrometry Imaging Reveals In Situ Behaviors of Multiple Components in Aerosol Particles. <i>Angewandte Chemie</i> , 2021 , 133, 23413	3.6	0
1	Innenrücktitelbild: Mass Spectrometry Imaging Reveals In Situ Behaviors of Multiple Components in Aerosol Particles (Angew. Chem. 43/2021). <i>Angewandte Chemie</i> , 2021 , 133, 23655	3.6	