Huihui Liu

List of Publications by Year in Descending Order

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	Application of Graphdiyne in Surface-Assisted Laser Desorption Ionization Mass Spectrometry. *ACS Applied Materials & Interfaces*, **2021**, 13, 1914-1920	9.5	11
24	MALDI-TOF/TOF tandem mass spectrometry imaging reveals non-uniform distribution of disaccharide isomers in plant tissues. *Food Chemistry*, **2021**, 338, 127984	8.5	8
23	Mass spectrometry for multi-dimensional characterization of natural and synthetic materials at the nanoscale. *Chemical Society Reviews*, **2021**, 50, 5243-5280	58.5	7
22	Mass Spectrometry Imaging Reveals In Situ Behaviors of Multiple Components in Aerosol Particles. *Angewandte Chemie - International Edition*, **2021**, 60, 23225-23231	16.4	4
21	Mass Spectrometry Imaging Reveals In Situ Behaviors of Multiple Components in Aerosol Particles. *Angewandte Chemie*, **2021**, 133, 23413	3.6	0
20	Innenr□ktitelbild: Mass Spectrometry Imaging Reveals In Situ Behaviors of Multiple Components in Aerosol Particles (Angew. Chem. 43/2021). *Angewandte Chemie*, **2021**, 133, 23655	3.6	
19	Pocket-Size "MasSpec Pointer" for Ambient Ionization Mass Spectrometry. *Analytical Chemistry*, **2021**, 93, 13326-13333	7.8	6
18	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	4.4	7
17	Ultrafast Photocatalytic Reaction Screening by Mass Spectrometry. *Analytical Chemistry*, **2020**, 92, 6564-6570	7.8	8
16	Mass, Size, and Density Measurements of Microparticles in a Quadrupole Ion Trap. *Analytical Chemistry*, **2019**, 91, 13508-13513	7.8	6
15	Laser cleavable probes for multiplexed glycan detection by single cell mass spectrometry. *Chemical Science*, **2019**, 10, 10958-10962	9.4	16
14	Ultratrace and robust visual sensor of Cd ions based on the size-dependent optical properties of Au@g-CNQDs nanoparticles in mice models. *Biosensors and Bioelectronics*, **2018**, 103, 87-93	11.8	27
13	Differentiation and Relative Quantitation of Disaccharide Isomers by MALDI-TOF/TOF Mass Spectrometry. *Analytical Chemistry*, **2018**, 90, 1525-1530	7.8	21
12	Utilizing a Mini-Humidifier To Deposit Matrix for MALDI Imaging. *Analytical Chemistry*, **2018**, 90, 8309-8313	7.8	16
11	N-Phenyl-2-naphthylamine as a Novel MALDI Matrix for Analysis and in Situ Imaging of Small Molecules. *Analytical Chemistry*, **2018**, 90, 729-736	7.8	33
10	Mass spectrometry imaging of the in situ drug release from nanocarriers. *Science Advances*, **2018**, 4, eaat9039	14.3	46
9	Laser Cleavable Probes-Based Cell Surface Engineering for in Situ Sialoglycoconjugates Profiling by Laser Desorption/Ionization Mass Spectrometry. *Analytical Chemistry*, **2018**, 90, 6397-6402	7.8	11

8	(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	4.9	17
7	Application of flowerlike MgO for highly sensitive determination of lead via matrix-assisted laser desorption/ionization mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2016**, 30 Suppl 1, 208-16	2.2	4
6	Fluorographene nanosheets: a new carbon-based matrix for the detection of small molecules by MALDI-TOF MS. *RSC Advances*, **2016**, 6, 99714-99719	3.7	18
5	Mass spectrometry imaging reveals the sub-organ distribution of carbon nanomaterials. *Nature Nanotechnology*, **2015**, 10, 176-82	28.7	131
4	In situ bioconjugation and ambient surface modification using reactive charged droplets. *Analytical Chemistry*, **2015**, 87, 3144-8	7.8	13
3	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, 422-30	7.8	86
2	1,5-Diaminonaphthalene hydrochloride assisted laser desorption/ionization mass spectrometry imaging of small molecules in tissues following focal cerebral ischemia. *Analytical Chemistry*, **2014**, 86, 10114-21	7.8	72
1	TiO2/MXene-Assisted LDI-MS for Urine Metabolic Profiling in Urinary Disease. *Advanced Functional Materials*,2106743	15.6	3