Andrew R Korte

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9226317/publications.pdf

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21	688	566801 15	713013 21
papers	citations	h-index	g-index

22	22	22	888
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Application of chemical graph theory to PAH isomer enumeration and structure in laser desorption/ionization mass spectrometry studies of particulate from an ethylene diffusion flame. Proceedings of the Combustion Institute, 2021, 38, 1345-1353.	2.4	1
2	Mass spectrometry imaging of triglycerides in biological tissues by laser desorption ionization from silicon nanopost arrays. Journal of Mass Spectrometry, 2020, 55, e4443.	0.7	18
3	The Molecular Composition of Soot. Angewandte Chemie - International Edition, 2020, 59, 4484-4490.	7.2	36
4	Remote ablation chamber for high efficiency particle transfer in laser ablation electrospray ionization mass spectrometry. Analyst, The, 2020, 145, 5861-5869.	1.7	1
5	Multimodal imaging of biological tissues using combined MALDI and NAPA-LDI mass spectrometry for enhanced molecular coverage. Analyst, The, 2020, 145, 6910-6918.	1.7	21
6	The Molecular Composition of Soot. Angewandte Chemie, 2020, 132, 4514-4520.	1.6	18
7	High Throughput Complementary Analysis and Quantitation of Metabolites by MALDI- and Silicon Nanopost Array-Laser Desorption/Ionization-Mass Spectrometry. Analytical Chemistry, 2019, 91, 3951-3958.	3.2	32
8	Mass Spectrometry Imaging of Lipids in Human Skin Disease Model Hidradenitis Suppurativa by Laser Desorption Ionization from Silicon Nanopost Arrays. Scientific Reports, 2019, 9, 17508.	1.6	28
9	Matrixâ€free mass spectrometry imaging of mouse brain tissue sections on silicon nanopost arrays. Journal of Comparative Neurology, 2019, 527, 2101-2121.	0.9	23
10	Cellular and Subcellular Level Localization of Maize Lipids and Metabolites Using High-Spatial Resolution MALDI Mass Spectrometry Imaging. Methods in Molecular Biology, 2018, 1676, 217-231.	0.4	11
11	Trace Analysis and Reaction Monitoring by Nanophotonic Ionization Mass Spectrometry from Elevated Bowtie and Silicon Nanopost Arrays. Advanced Functional Materials, 2018, 28, 1801730.	7.8	31
12	Spatial Mapping and Profiling of Metabolite Distributions during Germination. Plant Physiology, 2017, 174, 2532-2548.	2.3	50
13	Enhanced sensitivity and metabolite coverage with remote laser ablation electrospray ionization-mass spectrometry aided by coaxial plume and gas dynamics. Analyst, The, 2017, 142, 3157-3164.	1.7	9
14	Molecular Imaging of Biological Samples on Nanophotonic Laser Desorption Ionization Platforms. Angewandte Chemie, 2016, 128, 4558-4562.	1.6	16
15	Large Scale Nanoparticle Screening for Small Molecule Analysis in Laser Desorption Ionization Mass Spectrometry. Analytical Chemistry, 2016, 88, 8926-8930.	3.2	82
16	Large-Scale Metabolite Analysis of Standards and Human Serum by Laser Desorption Ionization Mass Spectrometry from Silicon Nanopost Arrays. Analytical Chemistry, 2016, 88, 8989-8996.	3.2	38
17	Molecular Imaging of Biological Samples on Nanophotonic Laser Desorption Ionization Platforms. Angewandte Chemie - International Edition, 2016, 55, 4482-4486.	7.2	86
18	Titelbild: Molecular Imaging of Biological Samples on Nanophotonic Laser Desorption Ionization Platforms (Angew. Chem. 14/2016). Angewandte Chemie, 2016, 128, 4443-4443.	1.6	0

#	Article	IF	Citations
19	Subcellular-level resolution MALDI-MS imaging of maize leaf metabolites by MALDI-linear ion trap-Orbitrap mass spectrometer. Analytical and Bioanalytical Chemistry, 2015, 407, 2301-2309.	1.9	113
20	Multiplex MALDI-MS Imaging of Plant Metabolites Using a Hybrid MS System. Methods in Molecular Biology, 2015, 1203, 49-62.	0.4	13
21	MALDIâ€MS analysis and imaging of small molecule metabolites with 1,5â€diaminonaphthalene (DAN). Journal of Mass Spectrometry, 2014, 49, 737-741.	0.7	59