

Zhibin Yin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3561084/publications.pdf>

Version: 2024-02-01

37
papers

581
citations

777949

13
h-index

721071

23
g-index

38
all docs

38
docs citations

38
times ranked

421
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereoselective toxicity mechanism of neonicotinoid dinotefuran in honeybees: New perspective from a spatial metabolomics study. <i>Science of the Total Environment</i> , 2022, 809, 151116.	3.9	18
2	Environmentally-driven metabolite and lipid variations correspond to altered bioactivities of black wolfberry fruit. <i>Food Chemistry</i> , 2022, 372, 131342.	4.2	14
3	Single-cell mass spectrometry imaging of TiO ₂ nanoparticles with subcellular resolution. <i>Chinese Journal of Analytical Chemistry</i> , 2022, 50, 100085.	0.9	1
4	Sample preparation optimization of insects and zebrafish for whole-body mass spectrometry imaging. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 4777-4790.	1.9	5
5	Plasmonic Gold Nanoshell-Assisted Laser Desorption/Ionization Mass Spectrometry for Small-Biomolecule Analysis and Tissue Imaging. <i>ACS Applied Nano Materials</i> , 2022, 5, 9633-9645.	2.4	11
6	Spatially resolved metabolomics reveals variety-specific metabolic changes in banana pulp during postharvest senescence. <i>Food Chemistry: X</i> , 2022, 15, 100371.	1.8	7
7	Discrimination of isomeric monosaccharide derivatives using collision-induced fingerprinting coupled to ion mobility mass spectrometry. <i>Talanta</i> , 2021, 224, 121901.	2.9	9
8	Spatiotemporal Visualization of Insecticides and Fungicides within Fruits and Vegetables Using Gold Nanoparticle-Immersed Paper Imprinting Mass Spectrometry Imaging. <i>Nanomaterials</i> , 2021, 11, 1327.	1.9	13
9	Insights into the degradation and toxicity difference mechanism of neonicotinoid pesticides in honeybees by mass spectrometry imaging. <i>Science of the Total Environment</i> , 2021, 774, 145170.	3.9	24
10	Cleavable and tunable cysteine-specific arylation modification with aryl thioethers. <i>Chemical Science</i> , 2021, 12, 5209-5215.	3.7	18
11	Novel Electrophilic Warhead Targeting a Triple-Negative Breast Cancer Driver in Live Cells Revealed by "Inverse Drug Discovery". <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15582-15592.	2.9	10
12	Rapid structural discrimination of IgG antibodies by multicharge-state collision-induced unfolding. <i>RSC Advances</i> , 2021, 11, 36502-36510.	1.7	1
13	Nanoscale Three-Dimensional Imaging of Drug Distributions in Single Cells via Laser Desorption Post-Ionization Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2021, 143, 21648-21656.	6.6	20
14	Perspective on Advances in Laser-Based High-Resolution Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2020, 92, 543-553.	3.2	47
15	High-Pressure Electrospray Ionization Yields Supercharged Protein Complexes from Native Solutions While Preserving Noncovalent Interactions. <i>Analytical Chemistry</i> , 2020, 92, 12312-12321.	3.2	11
16	Micro-Lensed Fiber Laser Desorption Mass Spectrometry Imaging Reveals Subcellular Distribution of Drugs within Single Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17864-17871.	7.2	52
17	Micro-Lensed Fiber Laser Desorption Mass Spectrometry Imaging Reveals Subcellular Distribution of Drugs within Single Cells. <i>Angewandte Chemie</i> , 2020, 132, 18020-18027.	1.6	10
18	Nanoparticle-immersed paper imprinting mass spectrometry imaging reveals uptake and translocation mechanism of pesticides in plants. <i>Nano Research</i> , 2020, 13, 611-620.	5.8	47

#	ARTICLE	IF	CITATIONS
19	Subcellular chemical imaging of structurally similar acridine drugs by near-field laser desorption/laser postionization mass spectrometry. <i>Nano Research</i> , 2020, 13, 745-751.	5.8	18
20	Single-cell imaging of AuNPs and AgNPs by near-field desorption ionization mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 927-932.	1.6	7
21	InnenrÃ¼cktitelbild: Chemical and Topographical Single-Cell Imaging by Near-Field Desorption Mass Spectrometry (<i>Angew. Chem.</i> 14/2019). <i>Angewandte Chemie</i> , 2019, 131, 4793-4793.	1.6	0
22	Chemical and Topographical Single-Cell Imaging by Near-Field Desorption Mass Spectrometry. <i>Angewandte Chemie</i> , 2019, 131, 4589-4594.	1.6	12
23	Chemical and Topographical Single-Cell Imaging by Near-Field Desorption Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4541-4546.	7.2	62
24	Improved detection sensitivity of elements in solids via laser postionization in laser desorption time-of-flight mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2018, 53, 435-443.	0.7	4
25	Confirmatory surface analysis of equivocal documents with pigment-based gel inks via laser desorption laser postionization mass spectrometry imaging. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1445-1452.	1.9	11
26	Direct and comprehensive analysis of dyes based on integrated molecular and structural information via laser desorption laser postionization mass spectrometry. <i>Talanta</i> , 2018, 176, 116-123.	2.9	10
27	Approaching Standardless Quantitative Elemental Analysis of Solids: Microsecond Pulsed Glow Discharge and Buffer-Gas-Assisted Laser Ionization Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 13222-13228.	3.2	8
28	Depth profiling of nanometer thin layers by laser desorption and laser postionization time-of-flight mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 1878-1884.	1.6	5
29	Microtrace Analysis of Rare Earth Element Residues in Femtogram Quantities by Laser Desorption and Laser Postionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 7455-7461.	3.2	15
30	Pulsed radio-frequency discharge inductively coupled plasma mass spectrometry for oxide analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016, 122, 69-74.	1.5	1
31	Elemental fractionation and matrix effects in laser sampling based spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 358-382.	1.6	55
32	Nanoscale surface analysis that combines scanning probe microscopy and mass spectrometry: A critical review. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 75, 24-34.	5.8	25
33	Pulsed Microdischarge with Inductively Coupled Plasma Mass Spectrometry for Elemental Analysis on Solid Metal Samples. <i>Analytical Chemistry</i> , 2015, 87, 4871-4878.	3.2	9
34	Probing gas-phase interactions of peptides with "naked" metal ions. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 1970-1979.	1.6	3
35	Comprehensive analysis of metalloporphyrins via high irradiance laser ionization time-of-flight mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 1714-1719.	1.6	9
36	Thermal Diffusion Desorption for the Comprehensive Analysis of Organic Compounds. <i>Analytical Chemistry</i> , 2014, 86, 6372-6378.	3.2	5

#	ARTICLE	IF	CITATIONS
37	Role of three-body recombination for charge reduction in MALDI process. <i>Analyst, The</i> , 2013, 138, 2964.	1.7	4