

Yan-Long Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9531586/publications.pdf>

Version: 2024-02-01

32
papers

713
citations

567281
15
h-index

552781
26
g-index

34
all docs

34
docs citations

34
times ranked

907
citing authors

#	ARTICLE	IF	CITATIONS
1	Segmental Bronchial Allergen Challenge Elicits Distinct Metabolic Phenotypes in Allergic Asthma. <i>Metabolites</i> , 2022, 12, 381.	2.9	2
2	Airway fibrin formation cascade in allergic asthma exacerbation: implications for inflammation and remodeling. <i>Clinical Proteomics</i> , 2022, 19, 15.	2.1	3
3	Ultrahigh-Resolution Mass Spectrometry-Based Platform for Plasma Metabolomics Applied to Type 2 Diabetes Research. <i>Journal of Proteome Research</i> , 2021, 20, 463-473.	3.7	15
4	Systemic Metabolic Alterations Correlate with Islet-Level Prostaglandin E2 Production and Signaling Mechanisms That Predict β^2 -Cell Dysfunction in a Mouse Model of Type 2 Diabetes. <i>Metabolites</i> , 2021, 11, 58.	2.9	16
5	Discovery of RSV-Induced BRD4 Protein Interactions Using Native Immunoprecipitation and Parallel Accumulation-Serial Fragmentation (PASEF) Mass Spectrometry. <i>Viruses</i> , 2021, 13, 454.	3.3	20
6	High-Throughput Multi-attribute Analysis of Antibody-Drug Conjugates Enabled by Trapped Ion Mobility Spectrometry and Top-Down Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 10013-10021.	6.5	29
7	Structural O-Glycoform Heterogeneity of the SARS-CoV-2 Spike Protein Receptor-Binding Domain Revealed by Top-Down Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2021, 143, 12014-12024.	13.7	48
8	Multomics Method Enabled by Sequential Metabolomics and Proteomics for Human Pluripotent Stem-Cell-Derived Cardiomyocytes. <i>Journal of Proteome Research</i> , 2021, 20, 4646-4654.	3.7	10
9	Nanoproteomics enables proteoform-resolved analysis of low-abundance proteins in human serum. <i>Nature Communications</i> , 2020, 11, 3903.	12.8	43
10	Rapid Analysis of Reduced Antibody Drug Conjugate by Online LC-MS/MS with Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 15096-15103.	6.5	8
11	High-Throughput Proteomics Enabled by a Photocleavable Surfactant. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8406-8410.	13.8	37
12	High-Throughput Proteomics Enabled by a Photocleavable Surfactant. <i>Angewandte Chemie</i> , 2020, 132, 8484-8488.	2.0	14
13	MS-Derived Isotopic Fine Structure Reveals Forazoline A as a Thioketone-Containing Marine-Derived Natural Product. <i>Organic Letters</i> , 2020, 22, 1275-1279.	4.6	12
14	Structural and Energetic Effects of O2- ² -Ribose Methylation of Protonated Pyrimidine Nucleosides. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2318-2334.	2.8	5
15	Analysis of cardiac troponin proteoforms by top-down mass spectrometry. <i>Methods in Enzymology</i> , 2019, 626, 347-374.	1.0	10
16	Middle-Down Multi-Attribute Analysis of Antibody-Drug Conjugates with Electron Transfer Dissociation. <i>Analytical Chemistry</i> , 2019, 91, 11661-11669.	6.5	22
17	Structures and Relative Glycosidic Bond Stabilities of Protonated 2-Fluoro-Substituted Purine Nucleosides. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1521-1536.	2.8	5
18	Interactions between nonresonant rf fields and atoms with strong spin-exchange collisions. <i>Physical Review A</i> , 2019, 99, .	2.5	10

#	ARTICLE	IF	CITATIONS
19	Influence of 2- ² -fluoro modification on glycosidic bond stabilities and gas-phase ion structures of protonated pyrimidine nucleosides. <i>Journal of Fluorine Chemistry</i> , 2019, 219, 10-22.	1.7	13
20	Simultaneous Quantification of Protein Expression and Modifications by Top-down Targeted Proteomics: A Case of the Sarcomeric Subproteome. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 594-605.	3.8	27
21	Relative glycosidic bond stabilities of naturally occurring methylguanosines: 7-methylation is intrinsically activating. <i>European Journal of Mass Spectrometry</i> , 2019, 25, 16-29.	1.0	6
22	Conformations and N-glycosidic bond stabilities of sodium cationized 2- ² -deoxycytidine and cytidine: Solution conformation of [Cyd + Na] ⁺ is preserved upon ESI. <i>International Journal of Mass Spectrometry</i> , 2018, 429, 18-27.	1.5	20
23	Structural and Energetic Effects of 2- ² -Ribose Methylation of Protonated Purine Nucleosides. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9147-9160.	2.6	16
24	Modified Quadrupole Ion Trap Mass Spectrometer for Infrared Ion Spectroscopy: Application to Protonated Thiated Uridines. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 2125-2137.	2.8	20
25	Effects of sodium cationization versus protonation on the conformations and N-glycosidic bond stabilities of sodium cationized Urd and dUrd: solution conformation of [Urd+Na] ⁺ is preserved upon ESI. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 17637-17652.	2.8	20
26	Gas-Phase Conformations and N-Glycosidic Bond Stabilities of Sodium Cationized 2- ² -Deoxyguanosine and Guanosine: Sodium Cations Preferentially Bind to the Guanine Residue. <i>Journal of Physical Chemistry B</i> , 2017, 121, 4048-4060.	2.6	24
27	Influence of Linkage Stereochemistry and Protecting Groups on Glycosidic Bond Stability of Sodium Cationized Glycosyl Phosphates. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2602-2613.	2.8	8
28	IRMPD Action Spectroscopy, ER-CID Experiments, and Theoretical Studies of Sodium Cationized Thymidine and 5-Methyluridine: Kinetic Trapping During the ESI Desolvation Process Preserves the Solution Structure of [Thd+Na] ⁺ . <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2423-2437.	2.8	22
29	Influence of Sodium Cationization versus Protonation on the Gas-Phase Conformations and Glycosidic Bond Stabilities of 2- ² -Deoxyadenosine and Adenosine. <i>Journal of Physical Chemistry B</i> , 2016, 120, 8892-8904.	2.6	24
30	Evaluation of Hybrid Theoretical Approaches for Structural Determination of a Glycine-Linked Cisplatin Derivative via Infrared Multiple Photon Dissociation (IRMPD) Action Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2015, 119, 10980-10987.	2.5	35
31	Role of tumor necrosis factor alpha-induced protein 1 in paclitaxel resistance. <i>Oncogene</i> , 2014, 33, 3246-3255.	5.9	17
32	Colloidal Synthesis of Cu ₂ CdSnSe ₄ Nanocrystals and Hot-Pressing to Enhance the Thermoelectric Figure-of-Merit. <i>Journal of the American Chemical Society</i> , 2011, 133, 15910-15913.	13.7	149