

Corinne A Lutomski

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

473
citations

759233

12
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

709
citing authors

#	ARTICLE	IF	CITATIONS
1	Allosteric Inhibition of the SARS-CoV-2 Main Protease: Insights from Mass Spectrometry Based Assays**. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23544-23548.	13.8	92
2	Hepatitis B Virus Capsid Completion Occurs through Error Correction. <i>Journal of the American Chemical Society</i> , 2017, 139, 16932-16938.	13.7	71
3	Multiple Pathways in Capsid Assembly. <i>Journal of the American Chemical Society</i> , 2018, 140, 5784-5790.	13.7	49
4	Heterogeneity of Glycan Processing on Trimeric SARS-CoV-2 Spike Protein Revealed by Charge Detection Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2021, 143, 3959-3966.	13.7	45
5	Magic matrices for ionization in mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2015, 377, 532-545.	1.5	43
6	Multiple Roles of SARS-CoV-2 N Protein Facilitated by Proteoform-Specific Interactions with RNA, Host Proteins, and Convalescent Antibodies. <i>Jacs Au</i> , 2021, 1, 1147-1157.	7.9	28
7	Resolution of Lipoprotein Subclasses by Charge Detection Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 6353-6356.	6.5	24
8	Lot-to-Lot Variation in Adeno-Associated Virus Serotype 9 (AAV9) Preparations. <i>Human Gene Therapy Methods</i> , 2019, 30, 214-225.	2.1	18
9	Characterizing synthetic polymers and additives using new ionization methods for mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1175-1184.	1.5	17
10	Transmission Geometry Laserspray Ionization <i><i>Vacuum</i></i> Using an Atmospheric Pressure Inlet. <i>Analytical Chemistry</i> , 2014, 86, 6208-6213.	6.5	16
11	Unprecedented Ionization Processes in Mass Spectrometry Provide Missing Link between ESI and MALDI. <i>ChemPhysChem</i> , 2018, 19, 581-589.	2.1	16
12	Matrix-Assisted Ionization-Ion Mobility Spectrometry-Mass Spectrometry: Selective Analysis of a Europium-PEG Complex in a Crude Mixture. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 2086-2095.	2.8	14
13	Toward high spatial resolution sampling and characterization of biological tissue surfaces using mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4053-4061.	3.7	12
14	Allosteric Inhibition of the SARS-CoV-2 Main Protease: Insights from Mass Spectrometry Based Assays**. <i>Angewandte Chemie</i> , 2020, 132, 23750-23754.	2.0	10
15	An overview of biological applications and fundamentals of new <i><i>inlet</i></i> and <i><i>vacuum</i></i> ionization technologies. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e8829.	1.5	9
16	Thermal Analysis of a Mixture of Ribosomal Proteins by vT-ESI-MS: Toward a Parallel Approach for Characterizing the Stabilitome. <i>Analytical Chemistry</i> , 2021, 93, 8484-8492.	6.5	8
17	New mass spectrometry concepts for characterization of synthetic polymers and additives. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8768.	1.5	1
18	Unprecedented Ionization Processes in Mass Spectrometry Provide Missing Link between ESI and MALDI. <i>ChemPhysChem</i> , 2018, 19, 550-550.	2.1	0

#	ARTICLE	IF	CITATIONS
19	Calcium Contributes to Polarized Targeting of HIV Assembly Machinery by Regulating Complex Stability. Jacs Au, 2022, 2, 522-530.	7.9	0