

Santosh Karki

List of Publications by Year in descending order

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14
papers

146
citations

1163117

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14
docs citations

14
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of Internal Energy Distributions of Laser Electrospray Mass Spectrometry using Thermometer Ions and Other Biomolecules. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1572-1582.	2.8	21
2	Quantitative Measurements of Small Molecule Mixtures Using Laser Electrospray Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 3629-3637.	6.5	20
3	Laser Electrospray Mass Spectrometry Minimizes Ion Suppression Facilitating Quantitative Mass Spectral Response for Multicomponent Mixtures of Proteins. <i>Analytical Chemistry</i> , 2013, 85, 6667-6673.	6.5	17
4	Fundamental Studies of New Ionization Technologies and Insights from IMS-MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1133-1147.	2.8	17
5	Reactive Pendant Mn ^{•O} in a Synthetic Structural Model of a Proposed S ₄ State in the Photosynthetic Oxygen Evolving Complex. <i>Journal of the American Chemical Society</i> , 2017, 139, 4675-4681.	13.7	15
6	Direct Analysis of Proteins from Solutions with High Salt Concentration Using Laser Electrospray Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1002-1011.	2.8	14
7	Increasing Protein Charge State When Using Laser Electrospray Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 706-715.	2.8	10
8	An overview of biological applications and fundamentals of new <i>inlet</i> and <i>vacuum</i> ionization technologies. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e8829.	1.5	9
9	Development of a robotics platform for automated multi-ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e8449.	1.5	9
10	Assessment of Reproducibility of Laser Electrospray Mass Spectrometry using Electrospray Deposition of Analyte. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 880-886.	2.8	5
11	Isolating Protein Charge State Reduction in Electrospray Droplets Using Femtosecond Laser Vaporization. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 470-478.	2.8	4
12	Comparison of gaseous ubiquitin ion structures obtained from a solid and solution matrix using ion mobility spectrometry/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e8793.	1.5	3
13	Quantification of Protein-Ligand Interactions by Laser Electrospray Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1484-1492.	2.8	1
14	New mass spectrometry concepts for characterization of synthetic polymers and additives. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8768.	1.5	1