

# Santosh Karki

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12001220/publications.pdf>

Version: 2024-02-01

14  
papers

146  
citations

1163117

8  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

170  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Development of a robotics platform for automated multi-ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e8449.	1.5	9
4	New mass spectrometry concepts for characterization of synthetic polymers and additives. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8768.	1.5	1
5	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
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	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
8	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
9	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
10	Reactive Pendant Mn•O in a Synthetic Structural Model of a Proposed S <sub>4</sub> State in the Photosynthetic Oxygen Evolving Complex. <i>Journal of the American Chemical Society</i> , 2017, 139, 4675-4681.	13.7	15
11	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
12	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
13	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
14	Quantitative Measurements of Small Molecule Mixtures Using Laser Electrospray Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 3629-3637.	6.5	20