

Amanda L Patrick

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

281
citations

1040056

9
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of ESI conditions on kinetic trapping of the solution-phase protonation isomer of p-aminobenzoic acid in the gas phase. <i>International Journal of Mass Spectrometry</i> , 2017, 418, 148-155.	1.5	57
2	Optical imaging in tissue with X-ray excited luminescent sensors. <i>Analyst</i> , 2011, 136, 3438.	3.5	31
3	High-Resolution Chemical Imaging through Tissue with an X-ray Scintillator Sensor. <i>Analytical Chemistry</i> , 2011, 83, 5045-5049.	6.5	27
4	Differentiating Sulfopeptide and Phosphopeptide Ions via Resonant Infrared Photodissociation. <i>Analytical Chemistry</i> , 2014, 86, 5547-5552.	6.5	25
5	Screening for Phosphorylated and Nonphosphorylated Peptides by Infrared Photodissociation Spectroscopy. <i>Analytical Chemistry</i> , 2012, 84, 9907-9912.	6.5	21
6	Theoretical and Experimental Insights into the Dissociation of 2-Hydroxyethylhydrazinium Nitrate Clusters Formed via Electrospray. <i>Journal of Physical Chemistry A</i> , 2018, 122, 1960-1966.	2.5	19
7	Insights into the fragmentation pathways of gas-phase protonated sulfoserine. <i>International Journal of Mass Spectrometry</i> , 2015, 379, 26-32.	1.5	17
8	Peptide Fragmentation Products in Mass Spectrometry Probed by Infrared Spectroscopy. <i>Topics in Current Chemistry</i> , 2014, 364, 153-181.	4.0	12
9	Electrospray ionization enters the final frontier: Mass spectrometry's role in understanding electrospray thrusters and their plumes. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8587.	1.5	11
10	Thermal- and collision-induced dissociation studies of functionalized imidazolium-based ionic liquid cations. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4518.	1.6	11
11	Hands-On Electrospray Ionization Mass Spectrometry for Undergraduate Biochemistry Students: Peptide Identification by Ladder Sequencing. <i>Journal of Chemical Education</i> , 2020, 97, 1437-1442.	2.3	9
12	Infrared multiple photon dissociation (IRMPD) spectroscopy and its potential for the clinical laboratory. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , 2022, 23, 14-25.	2.4	9
13	Dissociation pathways of protic ionic liquid clusters: Alkylammonium nitrates. <i>Journal of Mass Spectrometry</i> , 2019, 54, 371-377.	1.6	7
14	Perfluorocyclohexenyl (PFCH) aromatic ether polymers from perfluorocyclohexene and polycyclic aromatic bisphenols. <i>Polymer Chemistry</i> , 2020, 11, 5051-5056.	3.9	6
15	H ₂ SO ₄ and SO ₃ Transfer Reactions in a Sulfopeptide-Basic Peptide Complex. <i>Analytical Chemistry</i> , 2015, 87, 9551-9554.	6.5	5
16	A Combined Infrared Ion Spectroscopy and Computational Chemistry Study of Hydroxyproline Isomers. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1205-1211.	2.8	5
17	Instructor's Reference for Integrating Mass Spectrometry into the General Chemistry Classroom. <i>Journal of Chemical Education</i> , 2020, 97, 3595-3602.	2.3	4
18	Gas-phase dissociation pathways of Beta-2 agonists. <i>International Journal of Mass Spectrometry</i> , 2021, 463, 116548.	1.5	3

#	ARTICLE	IF	CITATIONS
19	Mechanistic insights into intramolecular phosphate group transfer during collision induced dissociation of phosphopeptides. <i>Journal of Mass Spectrometry</i> , 2019, 54, 449-458.	1.6	2
20	Fundamental investigations at the nexus of ionic liquids and mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2022, 479, 116896.	1.5	0