

# 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	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
2	Fundamental investigations at the nexus of ionic liquids and mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2022, 479, 116896.	1.5	0
3	Gas-phase dissociation pathways of Beta-2 agonists. <i>International Journal of Mass Spectrometry</i> , 2021, 463, 116548.	1.5	3
4	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
5	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
6	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
7	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
8	Perfluorocyclohexenyl (PFCH) aromatic ether polymers from perfluorocyclohexene and polycyclic aromatic bisphenols. <i>Polymer Chemistry</i> , 2020, 11, 5051-5056.	3.9	6
9	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
10	Dissociation pathways of protic ionic liquid clusters: Alkylammonium nitrates. <i>Journal of Mass Spectrometry</i> , 2019, 54, 371-377.	1.6	7
11	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
12	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
13	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
14	Insights into the fragmentation pathways of gas-phase protonated sulfoserine. <i>International Journal of Mass Spectrometry</i> , 2015, 379, 26-32.	1.5	17
15	H <sub>2</sub> SO <sub>4</sub> and SO <sub>3</sub> Transfer Reactions in a Sulfopeptide-Basic Peptide Complex. <i>Analytical Chemistry</i> , 2015, 87, 9551-9554.	6.5	5
16	Peptide Fragmentation Products in Mass Spectrometry Probed by Infrared Spectroscopy. <i>Topics in Current Chemistry</i> , 2014, 364, 153-181.	4.0	12
17	Differentiating Sulfopeptide and Phosphopeptide Ions via Resonant Infrared Photodissociation. <i>Analytical Chemistry</i> , 2014, 86, 5547-5552.	6.5	25
18	Screening for Phosphorylated and Nonphosphorylated Peptides by Infrared Photodissociation Spectroscopy. <i>Analytical Chemistry</i> , 2012, 84, 9907-9912.	6.5	21

#	ARTICLE	IF	CITATIONS
19	Optical imaging in tissue with X-ray excited luminescent sensors. <i>Analyst, The</i> , 2011, 136, 3438.	3.5	31
20	High-Resolution Chemical Imaging through Tissue with an X-ray Scintillator Sensor. <i>Analytical Chemistry</i> , 2011, 83, 5045-5049.	6.5	27