

# Nicholas A Pierson

## List of Publications by Year in descending order

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11  
papers

949  
citations

933447

10  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1027  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of ortho-Substituted Benzoic Acid/Ester Derivatives via the Gas-Phase Neighboring Group Participation Effect in (+)-ESI High Resolution Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 694-703.	2.8	1
2	Cis $\rightarrow$ Trans Isomerization of Pro <sup>7+</sup> in Oxytocin Regulates Zn <sup>2+</sup> Binding. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 1376-1382.	2.8	10
3	Nickel-Catalyzed Asymmetric Alkene Hydrogenation of $\hat{1},\hat{2}$ -Unsaturated Esters: High-Throughput Experimentation-Enabled Reaction Discovery, Optimization, and Mechanistic Elucidation. <i>Journal of the American Chemical Society</i> , 2016, 138, 3562-3569.	13.7	165
4	An IMS $\rightarrow$ IMS threshold method for semi-quantitative determination of activation barriers: Interconversion of proline cis $\rightarrow$ trans forms in triply protonated bradykinin. <i>International Journal of Mass Spectrometry</i> , 2015, 377, 646-654.	1.5	41
5	From Solution to the Gas Phase: Factors That Influence Kinetic Trapping of Substance P in the Gas Phase. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14336-14344.	2.6	34
6	Ion Mobility Analysis of Molecular Dynamics. <i>Annual Review of Physical Chemistry</i> , 2014, 65, 175-196.	10.8	163
7	From Solution to the Gas Phase: Stepwise Dehydration and Kinetic Trapping of Substance P Reveals the Origin of Peptide Conformations. <i>Journal of the American Chemical Society</i> , 2013, 135, 19147-19153.	13.7	133
8	<i>Cis</i> $\rightarrow$ <i>Trans</i> Isomerizations of Proline Residues Are Key to Bradykinin Conformations. <i>Journal of the American Chemical Society</i> , 2013, 135, 3186-3192.	13.7	89
9	Conformation Types of Ubiquitin [M+8H] <sup>8+</sup> Ions from Water:Methanol Solutions: Evidence for the N and A States in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2012, 116, 3344-3352.	2.6	87
10	Number of Solution States of Bradykinin from Ion Mobility and Mass Spectrometry Measurements. <i>Journal of the American Chemical Society</i> , 2011, 133, 13810-13813.	13.7	142
11	Evidence for a Quasi-Equilibrium Distribution of States for Bradykinin [M + 3H] <sup>3+</sup> Ions in the Gas Phase. <i>Journal of Physical Chemistry B</i> , 2010, 114, 7777-7783.	2.6	84