

Casey D Foley

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

255
citations

1163117

8
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

257
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	Resolving Isomers of Star-Branched Poly(Ethylene Glycols) by IMS-MS Using Multiply Charged Ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 21-32.	2.8	6
3	HDCO radical dissociation thresholds by velocity map imaging. <i>Molecular Physics</i> , 2021, 119, e1813344.	1.7	0
4	Orbiting resonances in formaldehyde reveal coupling of roaming, radical, and molecular channels. <i>Science</i> , 2021, 374, 1122-1127.	12.6	15
5	New mass spectrometry concepts for characterization of synthetic polymers and additives. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8768.	1.5	1
6	Viewpoints on the 2019 Dynamics of Molecular Collisions Conference. <i>Journal of Physical Chemistry A</i> , 2020, 124, 772-780.	2.5	0
7	Imaging the infrared multiphoton excitation and dissociation of propargyl chloride. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 1528-1535.	2.8	2
8	Unprecedented Ionization Processes in Mass Spectrometry Provide Missing Link between ESI and MALDI. <i>ChemPhysChem</i> , 2018, 19, 550-550.	2.1	0
9	Unprecedented Ionization Processes in Mass Spectrometry Provide Missing Link between ESI and MALDI. <i>ChemPhysChem</i> , 2018, 19, 581-589.	2.1	16
10	Mixed transitions in the UV photodissociation of propargyl chloride revealed by slice imaging and multireference ab initio calculations. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 27474-27481.	2.8	3
11	Finite slice analysis (FINA) – A general reconstruction method for velocity mapped and time-sliced ion imaging. <i>Journal of Chemical Physics</i> , 2017, 147, 013913.	3.0	39
12	Finite slice analysis (FINA) of sliced and velocity mapped images on a Cartesian grid. <i>Journal of Chemical Physics</i> , 2017, 147, 074201.	3.0	24
13	Imaging the Photodissociation Dynamics of Nitrous Acid (HONO): The Role of Torsion. <i>Journal of Physical Chemistry A</i> , 2017, 121, 7503-7510.	2.5	2
14	Myelin-targeted, texaphyrin-based multimodal imaging agent for magnetic resonance and optical imaging. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 492-505.	0.8	8
15	Rapid high mass resolution mass spectrometry using matrix-assisted ionization. <i>Methods</i> , 2016, 104, 63-68.	3.8	21
16	Matrix-Assisted Ionization on a Portable Mass Spectrometer: Analysis Directly from Biological and Synthetic Materials. <i>Analytical Chemistry</i> , 2016, 88, 10831-10836.	6.5	42
17	Use of Ion Mobility Spectrometry-Mass Spectrometry to Elucidate Architectural Diversity within Star Polymers. <i>ACS Macro Letters</i> , 2015, 4, 778-782.	4.8	30
18	Magic matrices for ionization in mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2015, 377, 532-545.	1.5	43