Casey D Foley

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6620309/publications.pdf

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18	255	1163117	996975
papers	citations	8	15
		h-index	g-index

19	19	19	257
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Magic matrices for ionization in mass spectrometry. International Journal of Mass Spectrometry, 2015, 377, 532-545.	1.5	43
2	Matrix-Assisted Ionization on a Portable Mass Spectrometer: Analysis Directly from Biological and Synthetic Materials. Analytical Chemistry, 2016, 88, 10831-10836.	6.5	42
3	Finite slice analysis (FINA)â€"A general reconstruction method for velocity mapped and time-sliced ion imaging. Journal of Chemical Physics, 2017, 147, 013913.	3.0	39
4	Use of Ion Mobility Spectrometryâ€"Mass Spectrometry to Elucidate Architectural Dispersity within Star Polymers. ACS Macro Letters, 2015, 4, 778-782.	4.8	30
5	Finite slice analysis (FINA) of sliced and velocity mapped images on a Cartesian grid. Journal of Chemical Physics, 2017, 147, 074201.	3.0	24
6	Rapid high mass resolution mass spectrometry using matrix-assisted ionization. Methods, 2016, 104, 63-68.	3.8	21
7	Unprecedented Ionization Processes in Mass Spectrometry Provide Missing Link between ESI and MALDI. ChemPhysChem, 2018, 19, 581-589.	2.1	16
8	Orbiting resonances in formaldehyde reveal coupling of roaming, radical, and molecular channels. Science, 2021, 374, 1122-1127.	12.6	15
9	Myelinâ€targeted, texaphyrinâ€based multimodal imaging agent for magnetic resonance and optical imaging. Contrast Media and Molecular Imaging, 2016, 11, 492-505.	0.8	8
10	Resolving Isomers of Star-Branched Poly(Ethylene Glycols) by IMS-MS Using Multiply Charged Ions. Journal of the American Society for Mass Spectrometry, 2021, 32, 21-32.	2.8	6
11	Mixed transitions in the UV photodissociation of propargyl chloride revealed by slice imaging and multireference ab initio calculations. Physical Chemistry Chemical Physics, 2018, 20, 27474-27481.	2.8	3
12	Comparison of gaseous ubiquitin ion structures obtained from a solid and solution matrix using ion mobility spectrometry/mass spectrometry. Rapid Communications in Mass Spectrometry, 2021, 35, e8793.	1.5	3
13	Imaging the Photodissociation Dynamics of Nitrous Acid (HONO): The Role of Torsion. Journal of Physical Chemistry A, 2017, 121, 7503-7510.	2.5	2
14	Imaging the infrared multiphoton excitation and dissociation of propargyl chloride. Physical Chemistry Chemical Physics, 2019, 21, 1528-1535.	2.8	2
15	New mass spectrometry concepts for characterization of synthetic polymers and additives. Rapid Communications in Mass Spectrometry, 2020, 34, e8768.	1.5	1
16	Unprecedented Ionization Processes in Mass Spectrometry Provide Missing Link between ESI and MALDI. ChemPhysChem, 2018, 19, 550-550.	2.1	0
17	Viewpoints on the 2019 Dynamics of Molecular Collisions Conference. Journal of Physical Chemistry A, 2020, 124, 772-780.	2.5	0
18	HDCO radical dissociation thresholds by velocity map imaging. Molecular Physics, 2021, 119, e1813344.	1.7	0