

Jason Lee

List of Publications by Year in descending order

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23
papers

453
citations

687363

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713466

21
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all docs

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docs citations

23
times ranked

552
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimass Velocity-Map Imaging with the Pixel Imaging Mass Spectrometry (PlmMS) Sensor: An Ultra-Fast Event-Triggered Camera for Particle Imaging. <i>Journal of Physical Chemistry A</i> , 2012, 116, 10897-10903.	2.5	47
2	Coulomb explosion imaging of CH ₃ I and CH ₂ ClI photodissociation dynamics. <i>Journal of Chemical Physics</i> , 2018, 149, 204313.	3.0	46
3	Photodissociation of aligned CH ₃ I and C ₆ H ₃ F ₂ I molecules probed with time-resolved Coulomb explosion imaging by site-selective extreme ultraviolet ionization. <i>Structural Dynamics</i> , 2018, 5, 014301.	2.3	40
4	Time-resolved inner-shell photoelectron spectroscopy: From a bound molecule to an isolated atom. <i>Physical Review A</i> , 2018, 97, .	2.5	40
5	Communication: Gas-phase structural isomer identification by Coulomb explosion of aligned molecules. <i>Journal of Chemical Physics</i> , 2018, 148, .	3.0	35
6	Three-dimensional imaging of carbonyl sulfide and ethyl iodide photodissociation using the pixel imaging mass spectrometry camera. <i>Review of Scientific Instruments</i> , 2015, 86, 103113.	1.3	27
7	Alignment, orientation, and Coulomb explosion of difluoriodobenzene studied with the pixel imaging mass spectrometry (PlmMS) camera. <i>Journal of Chemical Physics</i> , 2017, 147, 013933.	3.0	26
8	Time-resolved multi-mass ion imaging: Femtosecond UV-VUV pump-probe spectroscopy with the PlmMS camera. <i>Journal of Chemical Physics</i> , 2017, 147, 013911.	3.0	20
9	Covariance-Map Imaging: A Powerful Tool for Chemical Dynamics Studies. <i>Journal of Physical Chemistry A</i> , 2021, 125, 1117-1133.	2.5	20
10	Three-dimensional covariance-map imaging of molecular structure and dynamics on the ultrafast timescale. <i>Communications Chemistry</i> , 2020, 3, .	4.5	19
11	Multi-channel photodissociation and XUV-induced charge transfer dynamics in strong-field-ionized methyl iodide studied with time-resolved recoil-frame covariance imaging. <i>Faraday Discussions</i> , 2021, 228, 571-596.	3.2	18
12	Time-resolved relaxation and fragmentation of polycyclic aromatic hydrocarbons investigated in the ultrafast XUV-IR regime. <i>Nature Communications</i> , 2021, 12, 6107.	12.8	18
13	High-sensitivity online detection for microfluidics via cavity ringdown spectroscopy. <i>RSC Advances</i> , 2012, 2, 5376.	3.6	16
14	Ultraviolet photochemistry of 2-bromothiophene explored using universal ionization detection and multi-mass velocity-map imaging with a PlmMS2 sensor. <i>Journal of Chemical Physics</i> , 2017, 147, 013914.	3.0	11
15	Electron-impact-ionization dynamics of SF ₆ . <i>Physical Review A</i> , 2017, 96, .	2.5	11
16	Development of the α -GP2-Detector: Modification of the PlmMS CMOS Sensor for Energy-Resolved Neutron Radiography. <i>IEEE Transactions on Nuclear Science</i> , 2017, 64, 2970-2981.	2.0	10
17	Total electron ionization cross-sections for molecules of astrochemical interest. <i>Molecular Physics</i> , 2019, 117, 3066-3075.	1.7	10
18	A localized view on molecular dissociation via electron-ion partial covariance. <i>Communications Chemistry</i> , 2022, 5, .	4.5	10

#	ARTICLE	IF	CITATIONS
19	Photofragmentation dynamics of N,N-dimethylformamide following excitation at 193 nm. Journal of Chemical Physics, 2017, 147, 013941.	3.0	9
20	UV-induced dissociation of CH ₂ BrI probed by intense femtosecond XUV pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 014001.	1.5	7
21	Covariance-map imaging study into the fragmentation dynamics of multiply charged CF ₃ I formed in electron-molecule collisions. Molecular Physics, 2021, 119, e1811909.	1.7	6
22	Predicting Coulomb explosion fragment angular distributions using molecular ground-state vibrational motion. Physical Chemistry Chemical Physics, 2022, 24, 11636-11645.	2.8	5
23	Fragmentation Dynamics of Fluorene Explored Using Ultrafast XUV-Vis Pump-Probe Spectroscopy. Frontiers in Physics, 2022, 10, .	2.1	2