

CÃ©dric Bomme

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

521
citations

759233

12
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

737
citing authors

#	ARTICLE	IF	CITATIONS
1	High-repetition-rate and high-photon-flux 70 eV high-harmonic source for coincidence ion imaging of gas-phase molecules. <i>Optics Express</i> , 2016, 24, 18133.	3.4	60
2	Charge transfer in dissociating iodomethane and fluoromethane molecules ionized by intense femtosecond X-ray pulses. <i>Structural Dynamics</i> , 2016, 3, 043207.	2.3	59
3	Imaging molecular structure through femtosecond photoelectron diffraction on aligned and oriented gas-phase molecules. <i>Faraday Discussions</i> , 2014, 171, 57-80.	3.2	55
4	Coulomb-explosion imaging of concurrent CH_2BrI photodissociation dynamics. <i>Physical Review A</i> , 2017, 96, .	2.5	50
5	Coulomb explosion imaging of CH_3I and CH_2ClI photodissociation dynamics. <i>Journal of Chemical Physics</i> , 2018, 149, 204313.	3.0	46
6	Photodissociation of aligned CH_3I and $\text{C}_6\text{H}_3\text{F}_2\text{I}$ molecules probed with time-resolved Coulomb explosion imaging by site-selective extreme ultraviolet ionization. <i>Structural Dynamics</i> , 2018, 5, 014301.	2.3	40
7	Time-resolved inner-shell photoelectron spectroscopy: From a bound molecule to an isolated atom. <i>Physical Review A</i> , 2018, 97, .	2.5	40
8	CAMP@FLASH: an end-station for imaging, electron- and ion-spectroscopy, and pump-probe experiments at the FLASH free-electron laser. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1529-1540.	2.4	37
9	Jitter-correction for IR/UV-XUV pump-probe experiments at the FLASH free-electron laser. <i>New Journal of Physics</i> , 2017, 19, 043009.	2.9	34
10	Identification of absolute geometries of cis and trans molecular isomers by Coulomb Explosion Imaging. <i>Scientific Reports</i> , 2016, 6, 38202.	3.3	32
11	Alignment, orientation, and Coulomb explosion of difluoroiodobenzene studied with the pixel imaging mass spectrometry (PlmMS) camera. <i>Journal of Chemical Physics</i> , 2017, 147, 013933.	3.0	26
12	Time-resolved ion imaging at free-electron lasers using TimepixCam. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 336-345.	2.4	15
13	Photophysics of indole upon X-ray absorption. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 20205-20216.	2.8	9
14	Amplified spontaneous emission in the extreme ultraviolet by expanding xenon clusters. <i>Physical Review A</i> , 2020, 101, .	2.5	6
15	XUV double-pulses with femtosecond to 650 ps separation from a multilayer-mirror-based split-and-delay unit at FLASH. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1517-1528.	2.4	6
16	Near-threshold two-photon double ionization of Kr in the vacuum ultraviolet. <i>Physical Review A</i> , 2021, 103, .	2.5	3
17	Imaging multiphoton ionization dynamics of CH_3I at a high repetition rate XUV free-electron laser. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021, 54, 014001.	1.5	3