

Anatoli Ulmer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1372036/publications.pdf>

Version: 2024-02-01

11
papers

315
citations

1040056

9
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

725
citing authors

#	ARTICLE	IF	CITATIONS
1	Femtosecond X-ray Fourier holography imaging of free-flying nanoparticles. <i>Nature Photonics</i> , 2018, 12, 150-153.	31.4	58
2	Electrospray sample injection for single-particle imaging with x-ray lasers. <i>Science Advances</i> , 2019, 5, eaav8801.	10.3	49
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	Considerations for three-dimensional image reconstruction from experimental data in coherent diffractive imaging. <i>IUCr</i> , 2018, 5, 531-541.	2.2	40
5	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
6	The role of transient resonances for ultra-fast imaging of single sucrose nanoclusters. <i>Nature Communications</i> , 2020, 11, 167.	12.8	27
7	Alignment, orientation, and Coulomb explosion of difluoriodobenzene studied with the pixel imaging mass spectrometry (PI _m MS) camera. <i>Journal of Chemical Physics</i> , 2017, 147, 013933.	3.0	26
8	Micrometer-sized droplets from liquid helium jets at low stagnation pressures. <i>Physics of Fluids</i> , 2022, 34, .	4.0	12
9	X-ray diffractive imaging of highly ionized helium nanodroplets. <i>Physical Review Research</i> , 2022, 4, .	3.6	12
10	The 1-Megapixel pnCCD detector for the Small Quantum Systems Instrument at the European XFEL: system and operation aspects. <i>Journal of Synchrotron Radiation</i> , 2021, 28, 576-587.	2.4	11
11	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