

Bernd SchÄ¼tte

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

944
citations

430874

18
h-index

434195

31
g-index

49
all docs

49
docs citations

49
times ranked

1129
citing authors

#	ARTICLE	IF	CITATIONS
19	Extreme-ultraviolet spectral compression by four-wave mixing. <i>Nature Photonics</i> , 2021, 15, 263-266.	31.4	17
20	Attosecond investigation of extreme-ultraviolet multi-photon multi-electron ionization. <i>Optica</i> , 2022, 9, 639.	9.3	17
21	Efficient Autoionization Following Intense Laser-Cluster Interactions. <i>Physical Review Letters</i> , 2015, 114, 123002.	7.8	13
22	Propagation-assisted generation of intense few-femtosecond high-harmonic pulses. <i>JPhys Photonics</i> , 2020, 2, 034002.	4.6	13
23	Real-time fragmentation dynamics of clusters ionized by intense extreme-ultraviolet pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 185101.	1.5	11
24	Strong-field ionization of clusters using two-cycle pulses at 1.8 μm . <i>Scientific Reports</i> , 2016, 6, 39664.	3.3	11
25	Rabi oscillations in extreme ultraviolet ionization of atomic argon. <i>Physical Review A</i> , 2017, 95, .	2.5	11
26	Low-Energy Electron Emission in the Strong-Field Ionization of Rare Gas Clusters. <i>Physical Review Letters</i> , 2018, 121, 063202.	7.8	11
27	Autoionization following nanoplasma formation in atomic and molecular clusters. <i>European Physical Journal D</i> , 2016, 70, 1.	1.3	6
28	Spectral shifts and asymmetries in mid-infrared assisted high-order harmonic generation. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2018, 35, A32.	2.1	5
29	Tracing transient charges in expanding clusters. <i>Physical Review A</i> , 2017, 95, .	2.5	4
30	THz streak camera performance for single-shot characterization of XUV pulses with complex temporal structures. <i>Optics Express</i> , 2020, 28, 20686.	3.4	4
31	Mapping ultrafast ionization of atoms and clusters with terahertz-streaking delay. <i>Physical Review A</i> , 2019, 99, .	2.5	3
32	Correlated electronic decay following intense near-infrared ionization of clusters. <i>Journal of Physics: Conference Series</i> , 2015, 635, 012025.	0.4	2
33	Intense XUV pulses from a compact HHG setup using a single harmonic. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 0, , .	1.5	2
34	Time-resolved investigation of transient charges in laser-produced nanoplasmas. <i>Journal of Physics: Conference Series</i> , 2015, 635, 102005.	0.4	1
35	Application of Matched-Filter Concepts to Unbiased Selection of Data in Pump-Probe Experiments with Free Electron Lasers. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 621.	2.5	1
36	Lower limit of the lasing threshold in an organic microcavity. <i>Proceedings of SPIE</i> , 2008, , .	0.8	0

#	ARTICLE	IF	CITATIONS
37	Oblique angle lasing in a periodically pumped organic microcavity. Proceedings of SPIE, 2010, , .	0.8	0
38	XUV femtosecond pulse width characterization with a laser-based terahertz-field-driven streak camera. , 2011, , .		0
39	Chirped Auger electron emission due to field-assisted post-collision interaction. EPJ Web of Conferences, 2013, 41, 02006.	0.3	0
40	Interatomic Coulombic Decay Processes after Multiple Valence Excitations in Ne Clusters. Journal of Physics: Conference Series, 2015, 635, 112067.	0.4	0
41	Intracluster Coulombic decay following intense NIR ionization of clusters. Journal of Physics: Conference Series, 2015, 635, 102004.	0.4	0
42	NIR ionization avalanching in clusters ignited by ultrashort XUV pulses. , 2016, , .		0
43	Ultrafast multi-electron dynamics studied with THz-field streaking. EPJ Web of Conferences, 2018, 195, 07003.	0.3	0
44	Attosecond control of multi-photon multiple ionization dynamics. , 2021, , .		0
45	Recombination-Induced Autoionization Process in Rare-Gas Clusters. Springer Proceedings in Physics, 2015, , 56-59.	0.2	0
46	Tracing Nonlinear Cluster Dynamics Induced by Intense XUV, NIR and MIR Laser Pulses. Springer Series in Chemical Physics, 2017, , 85-110.	0.2	0
47	Table-top XUV Beamline for Coherent Diffractive Imaging of Isolated Gas-phase Nanoparticles. , 2020, , .		0
48	Attosecond control of multi-photon multi-electron dynamics. , 2021, , .		0
49	Attosecond multi-photon multi-electron dynamics. , 2022, , .		0