

Martin Huppert

List of Publications by Year in descending order

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25
papers

1,309
citations

840776

11
h-index

888059

17
g-index

26
all docs

26
docs citations

26
times ranked

1605
citing authors

#	ARTICLE	IF	CITATIONS
1	Streaking of 43-attosecond soft-X-ray pulses generated by a passively CEP-stable mid-infrared driver. <i>Optics Express</i> , 2017, 25, 27506.	3.4	385
2	Time-resolved x-ray absorption spectroscopy with a water window high-harmonic source. <i>Science</i> , 2017, 355, 264-267.	12.6	292
3	Attosecond Delays in Molecular Photoionization. <i>Physical Review Letters</i> , 2016, 117, 093001.	7.8	188
4	A compact and cost-effective hard X-ray free-electron laser driven by a high-brightness and low-energy electron beam. <i>Nature Photonics</i> , 2020, 14, 748-754.	31.4	140
5	Attosecond spectroscopy of liquid water. <i>Science</i> , 2020, 369, 974-979.	12.6	72
6	The SwissFEL soft X-ray free-electron laser beamline: Athos. <i>Journal of Synchrotron Radiation</i> , 2019, 26, 1073-1084.	2.4	51
7	Photoelectron spectrometer for attosecond spectroscopy of liquids and gases. <i>Review of Scientific Instruments</i> , 2015, 86, 123905.	1.3	42
8	Spin-orbit delays in photoemission. <i>Physical Review A</i> , 2017, 95, .	2.5	40
9	Attosecond beamline with actively stabilized and spatially separated beam paths. <i>Review of Scientific Instruments</i> , 2015, 86, 123106.	1.3	29
10	A table-top monochromator for tunable femtosecond XUV pulses generated in a semi-infinite gas cell: Experiment and simulations. <i>Review of Scientific Instruments</i> , 2016, 87, 073102.	1.3	27
11	Real-Time Dynamics of the Formation of Hydrated Electrons upon Irradiation of Water Clusters with Extreme Ultraviolet Light. <i>Physical Review Letters</i> , 2019, 122, 133001.	7.8	16
12	In situ frequency gating and beam splitting of vacuum- and extreme-ultraviolet pulses. <i>Light: Science and Applications</i> , 2016, 5, e16170-e16170.	16.6	8
13	Two-color x-ray free-electron laser by photocathode laser emittance spoiler. <i>Physical Review Accelerators and Beams</i> , 2021, 24, .	1.6	7
14	Time-resolved formation of excited atomic and molecular states in XUV-induced nanoplasmas in ammonia clusters. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 7828-7834.	2.8	3
15	Experimental demonstration of two-color x-ray free-electron-laser pulses via wakefield excitation. <i>Physical Review Accelerators and Beams</i> , 2021, 24, .	1.6	3
16	Overview of SwissFEL dual-photocathode laser capabilities and perspectives for exotic FEL modes. <i>High Power Laser Science and Engineering</i> , 0, , 1-51.	4.6	3
17	Evolution and ion kinetics of a XUV-induced nanoplasma in ammonia clusters. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021, 54, 024002.	1.5	2
18	Relativistic photoionization delays and the role of auto-ionizing resonances. <i>Journal of Physics: Conference Series</i> , 2015, 635, 092135.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Coupling single molecules to microcavities. , 2011, , .		0
20	Ultrafast time-resolved photoelectron spectroscopy of solvated systems. Journal of Physics: Conference Series, 2015, 635, 112127.	0.4	0
21	Time-resolved X-ray absorption spectroscopy with a water-window high-harmonic source. , 2017, , .		0
22	Attosecond streaking of soft-X-ray pulses generated by a mid-IR laser. , 2017, , .		0
23	Attosecond time-resolved photoelectron spectroscopy of liquids. , 2017, , .		0
24	Complete characterisation of attosecond SXR pulses generated by MIR laser sources. EPJ Web of Conferences, 2019, 205, 01021.	0.3	0
25	Time-resolved X-ray absorption spectroscopy with a water-window high-harmonic source. , 2017, , .		0