

Martin Huppert

List of Publications by Year in descending order

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Version: 2024-02-01

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	Evolution and ion kinetics of a XUV-induced nanoplasma in ammonia clusters. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 024002.	1.5	2
2	Two-color x-ray free-electron laser by photocathode laser emittance spoiler. Physical Review Accelerators and Beams, 2021, 24, .	1.6	7
3	Experimental demonstration of two-color x-ray free-electron-laser pulses via wakefield excitation. Physical Review Accelerators and Beams, 2021, 24, .	1.6	3
4	Attosecond spectroscopy of liquid water. Science, 2020, 369, 974-979.	12.6	72
5	A compact and cost-effective hard X-ray free-electron laser driven by a high-brightness and low-energy electron beam. Nature Photonics, 2020, 14, 748-754.	31.4	140
6	Time-resolved formation of excited atomic and molecular states in XUV-induced nanoplasmas in ammonia clusters. Physical Chemistry Chemical Physics, 2020, 22, 7828-7834.	2.8	3
7	Complete characterisation of attosecond SXR pulses generated by MIR laser sources. EPJ Web of Conferences, 2019, 205, 01021.	0.3	0
8	Real-Time Dynamics of the Formation of Hydrated Electrons upon Irradiation of Water Clusters with Extreme Ultraviolet Light. Physical Review Letters, 2019, 122, 133001.	7.8	16
9	The SwissFEL soft X-ray free-electron laser beamline: Athos. Journal of Synchrotron Radiation, 2019, 26, 1073-1084.	2.4	51
10	Time-resolved x-ray absorption spectroscopy with a water window high-harmonic source. Science, 2017, 355, 264-267.	12.6	292
11	Spin-orbit delays in photoemission. Physical Review A, 2017, 95, .	2.5	40
12	Time-resolved X-ray absorption spectroscopy with a water-window high-harmonic source. , 2017, , .		0
13	Streaking of 43-attosecond soft-X-ray pulses generated by a passively CEP-stable mid-infrared driver. Optics Express, 2017, 25, 27506.	3.4	385
14	Attosecond streaking of soft-X-ray pulses generated by a mid-IR laser. , 2017, , .		0
15	Attosecond time-resolved photoelectron spectroscopy of liquids. , 2017, , .		0
16	Time-resolved X-ray absorption spectroscopy with a water-window high-harmonic source. , 2017, , .		0
17	A table-top monochromator for tunable femtosecond XUV pulses generated in a semi-infinite gas cell: Experiment and simulations. Review of Scientific Instruments, 2016, 87, 073102.	1.3	27
18	Attosecond Delays in Molecular Photoionization. Physical Review Letters, 2016, 117, 093001.	7.8	188

#	ARTICLE	IF	CITATIONS
19	In situ frequency gating and beam splitting of vacuum- and extreme-ultraviolet pulses. Light: Science and Applications, 2016, 5, e16170-e16170.	16.6	8
20	Attosecond beamline with actively stabilized and spatially separated beam paths. Review of Scientific Instruments, 2015, 86, 123106.	1.3	29
21	Photoelectron spectrometer for attosecond spectroscopy of liquids and gases. Review of Scientific Instruments, 2015, 86, 123905.	1.3	42
22	Ultrafast time-resolved photoelectron spectroscopy of solvated systems. Journal of Physics: Conference Series, 2015, 635, 112127.	0.4	0
23	Relativistic photoionization delays and the role of auto-ionizing resonances. Journal of Physics: Conference Series, 2015, 635, 092135.	0.4	1
24	Coupling single molecules to microcavities. , 2011, , .		0
25	Overview of SwissFEL dual-photocathode laser capabilities and perspectives for exotic FEL modes. High Power Laser Science and Engineering, 0, , 1-51.	4.6	3