Jasper Peschel

List of Publications by Year in descending order

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933447 1199594 16 233 10 12 citations h-index g-index papers 16 16 16 397 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Spatiotemporal coupling of attosecond pulses. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4779-4787.	7.1	58
2	Î 10-gigawatt attosecond source for non-linear XUV optics and XUV-pump-XUV-probe studies. Scientific Reports, 2020, 10, 3759.	3.3	32
3	Focusing Properties of High-Order Harmonics. Ultrafast Science, 2021, 2021, .	11.2	23
4	Micro-Focusing of Broadband High-Order Harmonic Radiation by a Double Toroidal Mirror. Applied Sciences (Switzerland), $2017, 7, 1159$.	2.5	21
5	Single-shot extreme-ultraviolet wavefront measurements of high-order harmonics. Optics Express, 2019, 27, 2656.	3.4	19
6	Time-resolved relaxation and fragmentation of polycyclic aromatic hydrocarbons investigated in the ultrafast XUV-IR regime. Nature Communications, 2021, 12, 6107.	12.8	18
7	Time-resolved site-selective imaging of predissociation and charge transfer dynamics: the CH3I B-band. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 224001.	1.5	14
8	Dissociation dynamics of the diamondoid adamantane upon photoionization by XUV femtosecond pulses. Scientific Reports, 2020, 10, 2884.	3.3	13
9	A Versatile Velocity Map Ion-Electron Covariance Imaging Spectrometer for High-Intensity XUV Experiments. Applied Sciences (Switzerland), 2018, 8, 998.	2.5	11
10	Singleshot polychromatic coherent diffractive imaging with a high-order harmonic source. Optics Express, 2020, 28, 394.	3.4	10
11	Time-resolved photoelectron imaging of complex resonances in molecular nitrogen. Journal of Chemical Physics, 2021, 154, 144305.	3.0	8
12	Formative period in the x-ray-induced photodissociation of organic molecules. Physical Review Research, 2021, 3, .	3.6	6
13	Spatiotemporal Coupling of Attosecond Pulses. , 2019, , .		0
14	Time-resolved dynamics of thiophene dication $\hat{a} \in ``probing parent molecule survival times and multi-step dissociation processes of cyclic molecules by free-electron-laser experiments combined with theoretical simulations. Journal of Physics: Conference Series, 2020, 1412, 112007.$	0.4	0
15	Ultrafast ionization and fragmentation dynamics of polycyclic atomatic hydro-carbons by XUV radiation. Journal of Physics: Conference Series, 2020, 1412, 112008.	0.4	0
16	Photodissociation dynamics of the diamondoid adamantane induced by attosecond XUV pulses. Journal of Physics: Conference Series, 2020, 1412, 152082.	0.4	0