

Xiaoming Ren

List of Publications by Year in descending order

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29
papers

1,152
citations

516710

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642732

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29
all docs

29
docs citations

29
times ranked

1187
citing authors

#	ARTICLE	IF	CITATIONS
1	53-attosecond X-ray pulses reach the carbon K-edge. Nature Communications, 2017, 8, 186.	12.8	313
2	High-harmonic generation in amorphous solids. Nature Communications, 2017, 8, 724.	12.8	145
3	Laser waveform control of extreme ultraviolet high harmonics from solids. Optics Letters, 2017, 42, 1816.	3.3	116
4	High-efficiency optical parametric chirped-pulse amplifier in BiB ₃ O ₆ for generation of 3-fs, two-cycle, carrier-envelope-phase-stable pulses at 17-fs. Optics Letters, 2016, 41, 1142.	3.3	89
5	Attosecond light sources in the water window. Journal of Optics (United Kingdom), 2018, 20, 023001.	2.2	61
6	Polarization gating of high harmonic generation in the water window. Applied Physics Letters, 2016, 108, .	3.3	56
7	Multipulse Three-Dimensional Alignment of Asymmetric Top Molecules. Physical Review Letters, 2014, 112, 173602.	7.8	47
8	Attosecond transient absorption spectrum of argon at the $L_{2,3}$ edge. Physical Review A, 2018, 97, .	2.4	17
9	Measuring the angle-dependent photoionization cross section of nitrogen using high-harmonic generation. Physical Review A, 2013, 88, .	2.5	35
10	Generation of 1-kHz, 23-fs, 88-fs, 25-fs pulses from a Cr ²⁺ :ZnSe chirped pulse amplifier. Optics Letters, 2018, 43, 3381.	3.3	34
11	Generation of octave-spanning mid-infrared pulses from cascaded second-order nonlinear processes in a single crystal. Scientific Reports, 2017, 7, 11097.	3.3	29
12	High-energy two-cycle pulses at 32-fs by a broadband-pumped dual-chirped optical parametric amplification. Optics Express, 2016, 24, 24989.	3.4	28
13	Towards Terawatt Sub-Cycle Long-Wave Infrared Pulses via Chirped Optical Parametric Amplification and Indirect Pulse Shaping. Scientific Reports, 2017, 7, 45794.	3.3	27
14	Carrier-envelope-phase stabilized terawatt class laser at 1 kHz with a wavelength tunable option. Optics Express, 2015, 23, 4563.	3.4	25
15	Single-shot carrier-envelope-phase tagging using an π interferometer and a phase meter: a comparison. Journal of Optics (United Kingdom), 2017, 19, 124017.	2.2	20
16	Metric for three-dimensional alignment of molecules. Physical Review A, 2012, 85, .	2.5	18
17	N^2 HOMO-1 orbital cross section revealed through high-order-harmonic generation. Physical Review A, 2017, 95, .	2.5	15
18	Double optical gating for generating high flux isolated attosecond pulses in the soft X-ray regime. Optics Express, 2019, 27, 30280.	3.4	15

