Xiaoming Ren

List of Publications by Year
in descending order

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29	1,152	516710 16	642732 23
papers	citations	h-index	g-index

29	29	29	1187
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In-line Spectral Interferometry in Shortwave-Infrared Laser Filaments in Air. Physical Review Letters, 2019, 123, 223203.	7.8	3
2	Double optical gating for generating high flux isolated attosecond pulses in the soft X-ray regime. Optics Express, 2019, 27, 30280.	3.4	15
3	Attosecond light sources in the water window. Journal of Optics (United Kingdom), 2018, 20, 023001.	2.2	61
4	Attosecond transient absorption spectrum of argon at the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>L</mml:mi><mml:mrow><mml:mn>2</mml:mn>	2.5	37
5	Generation of 1â€‰â€‰kHz, 23â€‰â€‰mJ, 88â€‰â€‰fs, 25â€‰â€‰Î¼m pulses from a Cr²⁺:ZnSe chirped pulse a Letters, 2018, 43, 3381.	3.3	34
6	Generation of high-energy narrowband 205â€‰â€‰Î¼m pulses for seeding a Ho:YLF laser. Photonics Research, 2018, 6, 1.	7.0	12
7	Simultaneous few-cycle pulse generation of the depleted pump and signal from an optical parametric amplifier. Journal of the Optical Society of America B: Optical Physics, 2018, 35, A45.	2.1	2
8	Ultrashort laser-induced periodic structures on ZnSe substrate. , 2018, , .		1
9	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
10	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">N</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> HOMO-1 orbital cross section revealed through high-order-harmonic generation. Physical Review A, 2017, 95, .	2.5	15
11	High-harmonic generation in amorphous solids. Nature Communications, 2017, 8, 724.	12.8	145
12	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
13	53-attosecond X-ray pulses reach the carbon K-edge. Nature Communications, 2017, 8, 186.	12.8	313
14	Single-shot carrier-envelope-phase tagging using an fâ€“2f interferometer and a phase meter: a comparison. Journal of Optics (United Kingdom), 2017, 19, 124017.	2.2	20
15	Laser waveform control of extreme ultraviolet high harmonics from solids. Optics Letters, 2017, 42, 1816.	3.3	116
16	Towards a High-Energy Sub-Cycle 4-12 Âµm Laser. , 2017, , .		0
17	Polarization gating of high harmonic generation in the water window. Applied Physics Letters, 2016, 108, .	3.3	56
18	High-energy two-cycle pulses at 32 Î¼m by a broadband-pumped dual-chirped optical parametric amplification. Optics Express, 2016, 24, 24989.	3.4	28

#	Article	IF	Citations
19	High-efficiency optical parametric chirped-pulse amplifier in BiB_3O_6 for generation of 3â€‰â€‰mJ, two-cycle, carrier-envelope-phase-stable pulses at 17â€‰â€‰l¼m. Optics Letters, 2016, 41, 1142.	3.3	89
20	Polarization Gating of High Harmonic Generation in the Water Window. , 2016, , .		0
21	Carrier-envelope-phase stabilized terawatt class laser at 1 kHz with a wavelength tunable option. Optics Express, 2015, 23, 4563.	3.4	25
22	Long term carrier-envelope-phase stabilization of a terawatt-class Ti:Sapphire laser. , 2015, , .		0
23	Alignment-assisted field-free orientation of rotationally cold CO molecules. Physical Review A, 2014, 90, .	2.5	10
24	Multipulse Three-Dimensional Alignment of Asymmetric Top Molecules. Physical Review Letters, 2014, 112, 173602.	7.8	47
25	Simultaneous broadening of the depleted pump and signal from an optical parametric amplifier. , 2014, , .		0
26	Measuring the angle-dependent photoionization cross section of nitrogen using high-harmonic generation. Physical Review A, 2013, 88, .	2.5	35
27	Shape Resonance and Cooper Minimum in High Harmonic Generation from Strongly Aligned Nitrogen. , 2013, , .		0
28	Measurement of field-free alignment of jet-cooled molecules by nonresonant femtosecond degenerate four-wave mixing. Physical Review A, 2012, 85, .	2.5	14
29	Metric for three-dimensional alignment of molecules. Physical Review A, 2012, 85, .	2.5	18