

Yuxi Fu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

379
citations

933447

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21
all docs

21
docs citations

21
times ranked

332
citing authors

#	ARTICLE	IF	CITATIONS
1	Dispersed pulses created by aperiodic binary spectral phase jump and applications for pulse shaping. Optics Express, 2021, 29, 12319.	3.4	0
2	Apparatus for generation of nanojoule-class water-window high-order harmonics. Review of Scientific Instruments, 2021, 92, 063001.	1.3	9
3	A Custom-Tailored Multi-TW Optical Electric Field for Gigawatt Soft-X-Ray Isolated Attosecond Pulses. Ultrafast Science, 2021, 2021, .	11.2	28
4	Characteristics of nonlinear terahertz-wave radiation generated by mid-infrared femtosecond pulse laser excitation. Applied Physics Express, 2021, 14, 092004.	2.4	4
5	Fully stabilized multi-TW optical waveform synthesizer: Toward gigawatt isolated attosecond pulses. Science Advances, 2020, 6, eaay2802.	10.3	36
6	High efficiency ultrafast water-window harmonic generation for single-shot soft X-ray spectroscopy. Communications Physics, 2020, 3, .	5.3	47
7	Optimization of a multi-TW few-cycle 1.7- μm source based on Type-I BBO dual-chirped optical parametric amplification. Optics Express, 2020, 28, 15138.	3.4	9
8	Demonstration of a Nano-Joule Class Water Window High Harmonic Light Source. , 2020, , .		0
9	High-energy mid-infrared femtosecond pulses at 3.3 μm directly generated by dual-chirped optical parametric amplification. EPJ Web of Conferences, 2019, 205, 01008.	0.3	1
10	Dual-Chirped Optical Parametric Amplification: A Method for Generating Super-Intense Mid-Infrared Few-Cycle Pulses. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-13.	2.9	6
11	Generation of high-flux soft X-ray high harmonics driven by loosely focused TW-class infrared pulses. EPJ Web of Conferences, 2019, 205, 02012.	0.3	0
12	Generation of high-energy mid-infrared pulses via dual-chirped OPA. , 2019, , .		0
13	Towards GW-Scale Isolated Attosecond Pulse Far beyond Carbon K-Edge Driven by Mid-Infrared Waveform Synthesizer. Applied Sciences (Switzerland), 2018, 8, 2451.	2.5	10
14	Towards a petawatt-class few-cycle infrared laser system via dual-chirped optical parametric amplification. Scientific Reports, 2018, 8, 7692.	3.3	29
15	TW-scale mid-infrared pulses near 3.3 μm directly generated by dual-chirped optical parametric amplification. Applied Physics Letters, 2018, 112, .	3.3	36
16	Energy Scaling of Infrared Femtosecond Pulses by Dual-Chirped Optical Parametric Amplification. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	8
17	235-mJ femtosecond infrared pulse by DC-OPA. , 2017, , .		0
18	Optimization and characterization of dual-chirped optical parametric amplification. Journal of Optics (United Kingdom), 2015, 17, 124001.	2.2	17

#	ARTICLE	IF	CITATIONS
19	High-energy infrared femtosecond pulses generated by dual-chirped optical parametric amplification. Optics Letters, 2015, 40, 5082.	3.3	51
20	Carrier-envelope phase stabilization of a 16 TW, 10 ¹⁴ Hz Ti:sapphire laser. Optics Letters, 2015, 40, 4835.	3.3	24
21	Generation of a coherent x ray in the water window region at 1 kHz repetition rate using a mid-infrared pump source. Optics Letters, 2009, 34, 1747.	3.3	64