

Yuxi Fu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

379
citations

933447

10
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

332
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of a coherent x ray in the water window region at 1 kHz repetition rate using a mid-infrared pump source. <i>Optics Letters</i> , 2009, 34, 1747.	3.3	64
2	High-energy infrared femtosecond pulses generated by dual-chirped optical parametric amplification. <i>Optics Letters</i> , 2015, 40, 5082.	3.3	51
3	High efficiency ultrafast water-window harmonic generation for single-shot soft X-ray spectroscopy. <i>Communications Physics</i> , 2020, 3, .	5.3	47
4	TW-scale mid-infrared pulses near $3.3\ \mu\text{m}$ directly generated by dual-chirped optical parametric amplification. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	36
5	Fully stabilized multi-TW optical waveform synthesizer: Toward gigawatt isolated attosecond pulses. <i>Science Advances</i> , 2020, 6, eaay2802.	10.3	36
6	Towards a petawatt-class few-cycle infrared laser system via dual-chirped optical parametric amplification. <i>Scientific Reports</i> , 2018, 8, 7692.	3.3	29
7	A Custom-Tailored Multi-TW Optical Electric Field for Gigawatt Soft-X-Ray Isolated Attosecond Pulses. <i>Ultrafast Science</i> , 2021, 2021, .	11.2	28
8	Carrier-envelope phase stabilization of a 16 TW, 10 μm Ti:sapphire laser. <i>Optics Letters</i> , 2015, 40, 4835.	3.3	24
9	Optimization and characterization of dual-chirped optical parametric amplification. <i>Journal of Optics (United Kingdom)</i> , 2015, 17, 124001.	2.2	17
10	Towards GW-Scale Isolated Attosecond Pulse Far beyond Carbon K-Edge Driven by Mid-Infrared Waveform Synthesizer. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2451.	2.5	10
11	Apparatus for generation of nanojoule-class water-window high-order harmonics. <i>Review of Scientific Instruments</i> , 2021, 92, 063001.	1.3	9
12	Optimization of a multi-TW few-cycle $1.7\ \mu\text{m}$ source based on Type-I BBO dual-chirped optical parametric amplification. <i>Optics Express</i> , 2020, 28, 15138.	3.4	9
13	Energy Scaling of Infrared Femtosecond Pulses by Dual-Chirped Optical Parametric Amplification. <i>IEEE Photonics Journal</i> , 2017, 9, 1-8.	2.0	8
14	Dual-Chirped Optical Parametric Amplification: A Method for Generating Super-Intense Mid-Infrared Few-Cycle Pulses. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2019, 25, 1-13.	2.9	6
15	Characteristics of nonlinear terahertz-wave radiation generated by mid-infrared femtosecond pulse laser excitation. <i>Applied Physics Express</i> , 2021, 14, 092004.	2.4	4
16	High-energy mid-infrared femtosecond pulses at $3.3\ \mu\text{m}$ directly generated by dual-chirped optical parametric amplification. <i>EPJ Web of Conferences</i> , 2019, 205, 01008.	0.3	1
17	235-mJ femtosecond infrared pulse by DC-OPA. , 2017, , .		0
18	Generation of high-flux soft X-ray high harmonics driven by loosely focused TW-class infrared pulses. <i>EPJ Web of Conferences</i> , 2019, 205, 02012.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Dispersed pulses created by aperiodic binary spectral phase jump and applications for pulse shaping. Optics Express, 2021, 29, 12319.	3.4	0
20	Generation of high-energy mid-infrared pulses via dual-chirped OPA. , 2019, , .		0
21	Demonstration of a Nano-Joule Class Water Window High Harmonic Light Source. , 2020, , .		0