

Anne-Laure Calendron

List of Publications by Year in descending order

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64
papers

884
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567281

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65
all docs

65
docs citations

65
times ranked

709
citing authors

#	ARTICLE	IF	CITATIONS
1	Segmented terahertz electron accelerator and manipulator (STEAM). Nature Photonics, 2018, 12, 336-342.	31.4	236
2	Spectral phase control of interfering chirped pulses for high-energy narrowband terahertz generation. Nature Communications, 2019, 10, 2591.	12.8	96
3	Terahertz-driven, all-optical electron gun. Optica, 2016, 3, 1209.	9.3	78
4	Cryogenic Yb:YAG composite-thin-disk for high energy and average power amplifiers. Optics Letters, 2015, 40, 2610.	3.3	57
5	Femtosecond phase control in high-field terahertz-driven ultrafast electron sources. Optica, 2019, 6, 872.	9.3	48
6	High-energy kHz Yb:KYW dual-crystal regenerative amplifier. Optics Express, 2014, 22, 24752.	3.4	42
7	White-light generation with sub-ps pulses. Optics Express, 2015, 23, 13866.	3.4	42
8	Overcoming bifurcation instability in high-repetition-rate Ho:YLF regenerative amplifiers. Optics Letters, 2015, 40, 5427.	3.3	34
9	Cascaded Multicycle Terahertz-Driven Ultrafast Electron Acceleration and Manipulation. Physical Review X, 2020, 10, .	8.9	32
10	High-energy, kHz, picosecond hybrid Yb-doped chirped-pulse amplifier. Optics Express, 2015, 23, 10132.	3.4	31
11	Dual-crystal Yb:CALGO high power laser and regenerative amplifier. Optics Express, 2013, 21, 26174.	3.4	24
12	Enhanced high-harmonic generation up to the soft X-ray region driven by mid-infrared pulses mixed with their third harmonic. Optics Express, 2018, 26, 16955.	3.4	24
13	40-ÅμJ passively CEP-stable seed source for ytterbium-based high-energy optical waveform synthesizers. Optics Express, 2016, 24, 25169.	3.4	22
14	Highly efficient broadband sum-frequency generation in the visible wavelength range. Optics Letters, 2014, 39, 2912.	3.3	17
15	Cascaded interactions mediated by terahertz radiation. Optics Express, 2018, 26, 12536.	3.4	17
16	Laser system design for table-top X-ray light source. High Power Laser Science and Engineering, 2018, 6, .	4.6	16
17	THz-Enhanced DC Ultrafast Electron Diffractometer. Ultrafast Science, 2021, 2021, .	11.2	15
18	Cascaded second-order processes for the efficient generation of narrowband terahertz radiation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 044002.	1.5	13

#	ARTICLE	IF	CITATIONS
19	Optical generation of single-cycle 10 MW peak power 100 GHz waves. Optics Express, 2016, 24, 21059.	3.4	12
20	ÅJ-level multi-cycle terahertz generation in a periodically poled Rb:KTP crystal. Optics Letters, 2021, 46, 741.	3.3	9
21	Novel method for the angular chirp compensation of passively CEP-stable few-cycle pulses. Optics Express, 2020, 28, 3171.	3.4	3
22	Wavefront analysis of a white-light supercontinuum. Optics Express, 2018, 26, 31299.	3.4	3
23	Bulk, cascaded pulse compression scheme and its application to spin emitter characterization. Applied Optics, 2021, 60, 912.	1.8	2
24	Electro-Optic Sampling of Terahertz Pulses in Multilayer Crystals. , 2019, , .		2
25	High energy and low noise Ho:YLF regenerative amplifiers: a noise and stability analysis. , 2015, , .		1
26	Timing stabilization of solid-state, Yb-based laser system. , 2018, , .		1
27	High power Yb:Lu2O3 dual-crystal laser. , 2013, , .		1
28	Cascaded optical parametric chirped-pulse amplification for multi-cycle THz-wave generation. , 2016, , .		1
29	1 kHz, Multi-mJ Yb:KYW Bulk Regenerative Amplifier. , 2014, , .		1
30	Front-End of Yb-based High-Energy Optical Waveform Synthesizer. , 2015, , .		1
31	Terahertz-driven, sub-keV electron gun. , 2016, , .		1
32	Terahertz generation and acceleration. , 2019, , .		1
33	High power multi-crystal cw and femtosecond mode-locked oscillators based on Yb:KYW. Proceedings of SPIE, 2009, , .	0.8	0
34	High energy and power cryogenic composite-thin-disk Yb:YAG laser. , 2013, , .		0
35	High power Yb:CALGO multi-crystal oscillator. , 2013, , .		0
36	Optimization of ultrafast Yb-doped fiber amplifiers to achieve high-quality compressed pulses. EPJ Web of Conferences, 2013, 41, 10020.	0.3	0

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37	Cryogenic Composite Thin Disk High Energy Pulsed, High Average Power, Diffraction Limited Multi-Pass Amplifier. , 2013, , .		0
38	Optimized Temperature/Bandwidth Operation of Cryogenic Yb:YAG Composite Thin-Disk Laser Amplifier. , 2014, , .		0
39	Passively CEP-stable front end for frequency synthesis. , 2014, , .		0
40	Ho:YLF Regenerative Amplifier with 6.9 mJ at 1 kHz Overcoming Bifurcation Instability. , 2015, , .		0
41	Demonstration of an ultracompact THz-driven electron gun. , 2016, , .		0
42	Highly efficient generation of strong-field 0.1-THz radiation. , 2016, , .		0
43	High energetic and highly stable pulses from a Ho:YLF regenerative amplifier. Proceedings of SPIE, 2016, , .	0.8	0
44	THz-driven electron streak camera based on a multilayer structure. , 2017, , .		0
45	Wavefront Analysis of White-light Supercontinuum. , 2018, , .		0
46	Joule-Class 500 Hz Cryogenic Yb:YAG Chirped Pulse Amplifier. , 2019, , .		0
47	Excitation and control of spin waves in FeBO ₃ by a strong-field THz pulse. EPJ Web of Conferences, 2019, 205, 07008.	0.3	0
48	Segmented Terahertz device for ultrashort electron acceleration, compression, focusing and streaking. EPJ Web of Conferences, 2019, 205, 01013.	0.3	0
49	Ultrafast electron diffractometer with Terahertz-driven pulse compression. , 2021, , .		0
50	Ultrafast electron diffraction powered with a Terahertz-driven pulse compressor. , 2021, , .		0
51	Adiabatic sum-frequency generation in the visible region. , 2013, , .		0
52	White-light Generation Pumped by Sub-ps Pulse. , 2015, , .		0
53	On Extracting the Maximum Terahertz Conversion Efficiency from Optical Rectification in Lithium Niobate. , 2015, , .		0
54	Temporal Characterization of Front-End for Yb-Based High-Energy Optical Waveform Synthesizers. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
55	Sub-keV Electron Gun Driven by Ultrafast THz Pulses. , 2016, , .		0
56	Terahertz Accelerator Technology. , 2017, , .		0
57	Frequency-shifted sources for terahertz-driven linear electron acceleration. , 2018, , .		0
58	Novel method for CEP-stable seeding of few-cycle OPCPAs. , 2019, , .		0
59	Strong-field THz source for magneto-optic experiment. , 2019, , .		0
60	Terahertz Acceleration. , 2019, , .		0
61	Multi-cycle terahertz driven ultrafast electron manipulation in dielectrically-lined waveguides. , 2020, , .		0
62	High Energy Cryogenic Yb:YAG and Yb:YLF Chirped Pulse Amplifiers. , 2020, , .		0
63	Multi-cycle terahertz generation in a periodically poled Rb:KTP crystal. , 2020, , .		0
64	Compact terahertz driven electron and X-ray sources. , 2020, , .		0