

Zan Nie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6808224/publications.pdf>

Version: 2024-02-01

14
papers

159
citations

1307594

7
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-polarized common-path temporal interferometry for high-sensitivity strong-field ionization measurements. <i>Optics Express</i> , 2022, 30, 25696.	3.4	2
2	Highly spin-polarized multi-GeV electron beams generated by single-species plasma photocathodes. <i>Physical Review Research</i> , 2022, 4, .	3.6	1
3	Ultra-short pulse generation from mid-IR to THz range using plasma wakes and relativistic ionization fronts. <i>Physics of Plasmas</i> , 2021, 28, .	1.9	8
4	High-throughput injectionâ€“acceleration of electron bunches from a linear accelerator to a laser wakefield accelerator. <i>Nature Physics</i> , 2021, 17, 801-806.	16.7	8
5	Ionization induced plasma grating and its applications in strong-field ionization measurements. <i>Plasma Physics and Controlled Fusion</i> , 2021, 63, 095011.	2.1	12
6	Tunable Plasma Linearizer for Compensation of Nonlinear Energy Chirp. <i>Physical Review Applied</i> , 2021, 16, .	3.8	1
7	<i>InÂSitu</i> Generation of High-Energy Spin-Polarized Electrons in a Beam-Driven Plasma Wakefield Accelerator. <i>Physical Review Letters</i> , 2021, 126, 054801.	7.8	28
8	Conservation of angular momentum in second harmonic generation from under-dense plasmas. <i>Communications Physics</i> , 2020, 3, .	5.3	5
9	Photon deceleration in plasma wakes generates single-cycle relativistic tunable infrared pulses. <i>Nature Communications</i> , 2020, 11, 2787.	12.8	23
10	Sub-Joule Single-Cycle Terahertz Pulse by Frequency Downshifting of a Picosecond 10 gm CO2 Laser Pulse in a Tailored Plasma Structure. , 2020, , .		0
11	Demonstration of Tunable Relativistic, Single-Cycle Infrared Pulses from a Tailored Plasma Structure. , 2019, , .		0
12	Relativistic single-cycle tunable infrared pulses generated from a tailored plasma density structure. <i>Nature Photonics</i> , 2018, 12, 489-494.	31.4	59
13	Diffraction based method to reconstruct the spectrum of the Thomson scattering x-ray source. <i>Review of Scientific Instruments</i> , 2017, 88, 045110.	1.3	11
14	A pulse-to-pulse timing jitter measurement between two synchronized amplified laser beams for TTX. <i>Review of Scientific Instruments</i> , 2017, 88, 063307.	1.3	0