

Ping Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/300005/publications.pdf>

Version: 2024-02-01

30
papers

1,062
citations

933447

10
h-index

752698

20
g-index

30
all docs

30
docs citations

30
times ranked

1106
citing authors

#	ARTICLE	IF	CITATIONS
1	A laser wakefield acceleration facility using SG-II petawatt laser system. Review of Scientific Instruments, 2022, 93, 033504.	1.3	1
2	Observation System Design and Analysis for a New Staring Earth Radiation Budget Radiometer Based on the Lagrange L1 Point of the Earth-Moon System. Remote Sensing, 2022, 14, 1596.	4.0	5
3	Characteristics of solar-irradiance spectra from measurements, modeling, and theoretical approach. Light: Science and Applications, 2022, 11, 79.	16.6	21
4	Single-Shot Temporal Contrast Enhancement Measurement of a Plasma Mirror by a Chirped Pulse. Applied Sciences (Switzerland), 2021, 11, 9967.	2.5	1
5	Highly reliable measurement of ultrashort laser pulses. Journal of Applied Physics, 2020, 128, .	2.5	31
6	Ultra-broadband high conversion efficiency optical parametric chirped-pulse amplification based on YCOB crystals. Optics Express, 2020, 28, 11645.	3.4	11
7	Temporal contrast enhancement of ultrashort pulses using a spatiotemporal plasma-lens filter. Optics Letters, 2020, 45, 2279.	3.3	5
8	Picosecond frequency-resolved optical gating based on a modified ptychographic-based algorithm for use in a petawatt laser. Optical Engineering, 2020, 59, 1.	1.0	2
9	Petawatt and exawatt class lasers worldwide. High Power Laser Science and Engineering, 2019, 7, .	4.6	574
10	Numerical Investigation of Phase-Conjugate Wave Generation as a Pulse Cleaner in Femtosecond Petawatt Laser Systems. IEEE Photonics Journal, 2019, 11, 1-18.	2.0	0
11	Dynamic chromatic aberration pre-compensation scheme for ultrashort petawatt laser systems. Optics Express, 2019, 27, 16812.	3.4	15
12	On target contrast ratio study for petawatt level femtosecond laser system. , 2019, , .		0
13	Analysis and construction status of SG-II 5PW laser facility. High Power Laser Science and Engineering, 2018, 6, .	4.6	38
14	Status and development of high-power laser facilities at the NLHPLP. High Power Laser Science and Engineering, 2018, 6, .	4.6	74
15	The Measurement of Ultrashort Laser Pulses. , 2018, , .		2
16	Systematic study of spatiotemporal influences on temporal contrast in the focal region in large-aperture broadband ultrashort petawatt lasers. High Power Laser Science and Engineering, 2018, 6, .	4.6	12
17	Accuracy measurements of large-aperture femtosecond laser pulses in multipetawatt laser facility. Optical Engineering, 2018, 57, 1.	1.0	3
18	Broadband main OPCPA amplifier at 808nm wavelength in high deuterated DKDP crystals. Optics Letters, 2018, 43, 5713.	3.3	8

#	ARTICLE	IF	CITATIONS
19	High Conversion Efficiency Optical Parametric Amplifiers for SG-II 5PW Laser System. , 2018, , .		0
20	Real-time spatiotemporal measurement of ultrafast fields from multimode optical fibers. , 2017, , .		0
21	Complete measurement of spatiotemporally complex multi-spatial-mode ultrashort pulses from multimode optical fibers using delay-scanned wavelength-multiplexed holography. Optics Express, 2017, 25, 24015.	3.4	21
22	Time-Range-Extended Spatiotemporal Measurement Technique for Multi-Mode Fiber Pulses. , 2017, , .		0
23	Introduction to SG-II 5 PW Laser Facility. , 2016, , .		5
24	Multi petawatt laser design for the SHENGUANG II laser facility. Proceedings of SPIE, 2015, , .	0.8	4
25	Analysis of temporal contrast degradation due to wave front deviation in large aperture ultra-short pulse focusing system. Proceedings of SPIE, 2014, , .	0.8	0
26	Output temporal contrast simulation of a large aperture high power short pulse laser system. High Power Laser Science and Engineering, 2014, 2, .	4.6	5
27	Influence of Wave-Front Error on Temporal Signal-to-Noise Ratio in Large Aperture Ultrashort Pulse Focusing System. Guangxue Xuebao/Acta Optica Sinica, 2014, 34, 1032001.	1.2	0
28	Low-dose, simple, and fast grating-based X-ray phase-contrast imaging. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13576-13581.	7.1	208
29	A model of plasma source ion implantation for inner surface modification. Journal Physics D: Applied Physics, 1996, 29, 274-276.	2.8	15
30	Ultrashort Laser Pulse Spatiotemporal Profile Manipulation using a Single-Mode-Few-Mode Optical Fiber Device. Journal of the Optical Society of America B: Optical Physics, 0, , .	2.1	1