

S M Kerr

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

819
citations

623188

14
h-index

500791

28
g-index

34
all docs

34
docs citations

34
times ranked

950
citing authors

#	ARTICLE	IF	CITATIONS
19	Two-dimensional time-resolved ultra-high speed imaging of K-alpha emission from short-pulse-laser interactions to observe electron recirculation. Applied Physics Letters, 2017, 110, 144102.	1.5	13
20	Progress Towards a Laser Produced Relativistic Electron-Positron Pair Plasma. Journal of Physics: Conference Series, 2016, 688, 012010.	0.3	4
21	High-intensity laser-accelerated ion beam produced from cryogenic micro-jet target. Review of Scientific Instruments, 2016, 87, 11D827.	0.6	32
22	Target material dependence of positron generation from high intensity laser-matter interactions. Physics of Plasmas, 2016, 23, .	0.7	18
23	Inverse faraday effect magnetic field generation in laser induced plasma. , 2016, , .		0
24	Scaling the Yield of Laser-Driven Electron-Positron Jets to Laboratory Astrophysical Applications. Physical Review Letters, 2015, 114, 215001.	2.9	104
25	Reflective multilayer optic as hard X-ray diagnostic on laser-plasma experiment. Review of Scientific Instruments, 2015, 86, 013110.	0.6	4
26	The scaling of electron and positron generation in intense laser-solid interactions. Physics of Plasmas, 2015, 22, .	0.7	37
27	Enhanced Relativistic-Electron-Beam Energy Loss in Warm Dense Aluminum. Physical Review Letters, 2015, 114, 095004.	2.9	23
28	A high-resolution imaging x-ray crystal spectrometer for high energy density plasmas. Review of Scientific Instruments, 2014, 85, 11E606.	0.6	14
29	Emittance of positron beams produced in intense laser plasma interaction. Physics of Plasmas, 2013, 20, .	0.7	26
30	Real-time optical-resolution photoacoustic microscopy using fiber-laser technology. , 2011, , .		1
31	Optical-resolution photoacoustic micro-endoscopy using image-guide fibers and fiber laser technology. Proceedings of SPIE, 2011, , .	0.8	5
32	Optical resolution photoacoustic microscopy using novel high-repetition-rate passively Q-switched microchip and fiber lasers. Journal of Biomedical Optics, 2010, 15, 056017.	1.4	41
33	High repetition rate passively Q-switched fiber and microchip lasers for optical resolution photoacoustic imaging. , 2010, , .		0