

C A J Palmer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10918867/publications.pdf>

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9
papers

1,061
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1065
citing authors

#	ARTICLE	IF	CITATIONS
1	Bright spatially coherent synchrotron X-rays from a table-top source. <i>Nature Physics</i> , 2010, 6, 980-983.	16.7	392
2	Near-GeV Acceleration of Electrons by a Nonlinear Plasma Wave Driven by a Self-Guided Laser Pulse. <i>Physical Review Letters</i> , 2009, 103, 035002.	7.8	239
3	Rayleigh-Taylor Instability of an Ultrathin Foil Accelerated by the Radiation Pressure of an Intense Laser. <i>Physical Review Letters</i> , 2012, 108, 225002.	7.8	128
4	X-ray phase contrast imaging of biological specimens with femtosecond pulses of betatron radiation from a compact laser plasma wakefield accelerator. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	118
5	Characterization of transverse beam emittance of electrons from a laser-plasma wakefield accelerator in the bubble regime using betatron x-ray radiation. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2012, 15, .	1.8	63
6	Complete Temporal Characterization of Asymmetric Pulse Compression in a Laser Wakefield. <i>Physical Review Letters</i> , 2010, 105, 235003.	7.8	51
7	Buffered high charge spectrally-peaked proton beams in the relativistic-transparency regime. <i>New Journal of Physics</i> , 2016, 18, 013038.	2.9	30
8	Observation of Laser Power Amplification in a Self-Injecting Laser Wakefield Accelerator. <i>Physical Review Letters</i> , 2018, 120, 254801.	7.8	18
9	Angular streaking of betatron X-rays in a transverse density gradient laser-wakefield accelerator. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	12