

Thomas Kurz

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

141
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

234
citing authors

#	ARTICLE	IF	CITATIONS
1	Multioctave high-dynamic range optical spectrometer for single-pulse, longitudinal characterization of ultrashort electron bunches. <i>Physical Review Accelerators and Beams</i> , 2022, 25, .	1.6	6
2	Demonstration of a compact plasma accelerator powered by laser-accelerated electron beams. <i>Nature Communications</i> , 2021, 12, 2895.	12.8	31
3	Compact spectroscopy of keV to MeV X-rays from a laser wakefield accelerator. <i>Scientific Reports</i> , 2021, 11, 14368.	3.3	12
4	Gas-dynamic density downramp injection in a beam-driven plasma wakefield accelerator. <i>Physical Review Research</i> , 2021, 3, .	3.6	11
5	Probing ultrafast magnetic-field generation by current filamentation instability in femtosecond relativistic laser-matter interactions. <i>Physical Review Research</i> , 2020, 2, .	3.6	19
6	Hybrid LWFAâ€PWFA staging as a beam energy and brightness transformer: conceptual design and simulations. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019, 377, 20180175.	3.4	11
7	Charge calibration of DRZ scintillation phosphor screens. <i>Journal of Instrumentation</i> , 2019, 14, P09025-P09025.	1.2	3
8	Direct Observation of Plasma Waves and Dynamics Induced by Laser-Accelerated Electron Beams. <i>Physical Review X</i> , 2019, 9, .	8.9	19
9	Advanced Methods for Temporal Reconstruction of Modulated Electron Bunches. , 2018, , .		0
10	Calibration and cross-laboratory implementation of scintillating screens for electron bunch charge determination. <i>Review of Scientific Instruments</i> , 2018, 89, 093303.	1.3	29