

Lianmin Zheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/388930/publications.pdf>

Version: 2024-02-01

9
papers

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citations

1478505

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1474206

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9
times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable High-Intensity Electron Bunch Train Production Based on Nonlinear Longitudinal Space Charge Oscillation. <i>Physical Review Letters</i> , 2016, 116, 184801.	7.8	38
2	Development of S-band photocathode RF guns at Tsinghua University. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 834, 98-107.	1.6	28
3	Overestimation of thermal emittance in solenoid scans due to coupled transverse motion. <i>Physical Review Accelerators and Beams</i> , 2018, 21, .	1.6	14
4	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
5	Experimental demonstration of the correction of coupled-transverse-dynamics aberration in an rf photoinjector. <i>Physical Review Accelerators and Beams</i> , 2019, 22, .	1.6	10
6	Development and high-power testing of an X -band dielectric-loaded power extractor. <i>Physical Review Accelerators and Beams</i> , 2020, 23, .	1.6	6
7	Rapid thermal emittance and quantum efficiency mapping of a cesium telluride cathode in an rf photoinjector using multiple laser beamlets. <i>Physical Review Accelerators and Beams</i> , 2020, 23, .	1.6	5
8	Analysis of slice transverse emittance evolution in a very-high-frequency gun photoinjector. <i>Physical Review Accelerators and Beams</i> , 2021, 24, .	1.6	2
9	Eliminating uncertainty of thermal emittance measurement in solenoid scans due to rf and solenoid fields overlap. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2022, 1025, 166149.	1.6	1