

# Lianmin Zheng

## List of Publications by Year in descending order

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

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157  
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#	ARTICLE	IF	CITATIONS
1	Eliminating uncertainty of thermal emittance measurement in solenoid scans due to rf and solenoid fields overlap. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1025, 166149.	1.6	1
2	Analysis of slice transverse emittance evolution in a very-high-frequency gun photoinjector. Physical Review Accelerators and Beams, 2021, 24, .	1.6	2
3	Development and high-power testing of an $X$ -band dielectric-loaded power extractor. Physical Review Accelerators and Beams, 2020, 23, .	1.6	6
4	Rapid thermal emittance and quantum efficiency mapping of a cesium telluride cathode in an rf photoinjector using multiple laser beamlets. Physical Review Accelerators and Beams, 2020, 23, .	1.6	5
5	Experimental demonstration of the correction of coupled-transverse-dynamics aberration in an rf photoinjector. Physical Review Accelerators and Beams, 2019, 22, .	1.6	10
6	Overestimation of thermal emittance in solenoid scans due to coupled transverse motion. Physical Review Accelerators and Beams, 2018, 21, .	1.6	14
7	Diffraction based method to reconstruct the spectrum of the Thomson scattering x-ray source. Review of Scientific Instruments, 2017, 88, 045110.	1.3	11
8	Development of S-band photocathode RF guns at Tsinghua University. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 834, 98-107.	1.6	28
9	Tunable High-Intensity Electron Bunch Train Production Based on Nonlinear Longitudinal Space Charge Oscillation. Physical Review Letters, 2016, 116, 184801.	7.8	38