

Matthias Gross

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

26
citations

2258059

3
h-index

1872680

6
g-index

8
all docs

8
docs citations

8
times ranked

34
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct measurement of photocathode time response in a high-brightness photoinjector. Applied Physics Letters, 2022, 120, .	3.3	11
2	Jitter mitigation in low density discharge plasma cells for wakefield accelerators. Journal of Applied Physics, 2019, 125, .	2.5	6
3	Single shot cathode transverse momentum imaging in high brightness photoinjectors. Physical Review Accelerators and Beams, 2020, 23, .	1.6	6
4	Budgeting the emittance of photoemitted electron beams in a space-charge affected emission regime for free-electron laser applications. AIP Advances, 2020, 10, 035017.	1.3	1
5	Polymer foil windows for gasâ€“vacuum separation in accelerator applications. AIP Advances, 2020, 10, 025224.	1.3	1
6	Frequency-detuning dependent transient coaxial rf coupler kick in an L -band long-pulse high-gradient rf photogun. Physical Review Accelerators and Beams, 2020, 23, .	1.6	1
7	Experimental benchmark study of multiphysics simulations of an L-band high average power RF gun. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1004, 165344.	1.6	0
8	Anomalous correlation between quantum efficiency and transverse momentum spread in semiconductor cathode photoemission. Physical Review Accelerators and Beams, 2022, 25, .	1.6	0