

Osip Lishilin

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

114
citations

1478505

6
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

253
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	Anomalous correlation between quantum efficiency and transverse momentum spread in semiconductor cathode photoemission. Physical Review Accelerators and Beams, 2022, 25, .	1.6	0
3	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
4	Towards experimental investigation of hosing instability mitigation at the PITZ facility. Journal of Physics: Conference Series, 2020, 1596, 012003.	0.4	1
5	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
6	Polymer foil windows for gas-vacuum separation in accelerator applications. AIP Advances, 2020, 10, 025224.	1.3	1
7	Single shot cathode transverse momentum imaging in high brightness photoinjectors. Physical Review Accelerators and Beams, 2020, 23, .	1.6	6
8	Plasma density measurement by means of self-modulation of long electron bunches. Plasma Physics and Controlled Fusion, 2019, 61, 045012.	2.1	4
9	Jitter mitigation in low density discharge plasma cells for wakefield accelerators. Journal of Applied Physics, 2019, 125, .	2.5	6
10	Overview and prospects of plasma wakefield acceleration experiments at PITZ. Journal of Physics: Conference Series, 2019, 1350, 012057.	0.4	0
11	Photocathode laser based bunch shaping for high transformer ratio plasma wakefield acceleration. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 909, 107-110.	1.6	11
12	Observation of the Self-Modulation Instability via Time-Resolved Measurements. Physical Review Letters, 2018, 120, 144802.	7.8	11
13	Characterization of self-modulated electron bunches in an argon plasma. Journal of Physics: Conference Series, 2018, 1067, 042012.	0.4	2
14	Observation of High Transformer Ratio Plasma Wakefield Acceleration. Physical Review Letters, 2018, 121, 064801.	7.8	44
15	Charge production studies from cmmlmath xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml30" display="inline" overflow="scroll" altimg="si30.gif"><mml:msub><mml:mrow><mml:mi mathvariant="normal">Cs</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">Te</mml:mi></mml:math> photocathodes in a normal conducting RF gun. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 871, 97-104.	1.6	7
16	First results of the plasma wakefield acceleration experiment at PITZ. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 829, 37-42.	1.6	9