

Jâ€b Rosenzweig

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1340433/publications.pdf>

Version: 2024-02-01

19
papers

237
citations

1040056

9
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma photonic spatiotemporal synchronization of relativistic electron and laser beams. <i>Physical Review Accelerators and Beams</i> , 2022, 25, .	1.6	3
2	High field hybrid photoinjector electron source for advanced light source applications. <i>Physical Review Accelerators and Beams</i> , 2022, 25, .	1.6	11
3	Resonant excitation of very high gradient plasma wakefield accelerators by optical-period bunch trains. <i>Physical Review Accelerators and Beams</i> , 2021, 24, .	1.6	5
4	Electron Diagnostics for Extreme High Brightness Nano-Blade Field Emission Cathodes. <i>Instruments</i> , 2019, 3, 57.	1.8	1
5	Compression of Ultra-High Brightness Beams for a Compact X-ray Free-Electron Laser. <i>Instruments</i> , 2019, 3, 53.	1.8	6
6	1D Quantum Simulations of Electron Rescattering with Metallic Nanoblades. <i>Instruments</i> , 2019, 3, 59.	1.8	0
7	Design of Comb Fabricated Halbach Undulators. <i>Instruments</i> , 2019, 3, 58.	1.8	8
8	Next generation high brightness electron beams from ultrahigh field cryogenic rf photocathode sources. <i>Physical Review Accelerators and Beams</i> , 2019, 22, .	1.6	41
9	Laser-ionized, beam-driven, underdense, passive thin plasma lens. <i>Physical Review Accelerators and Beams</i> , 2019, 22, .	1.6	26
10	Experimental Characterization of Electron-Beam-Driven Wakefield Modes in a Dielectric-Woodpile Cartesian Symmetric Structure. <i>Physical Review Letters</i> , 2018, 120, 164801.	7.8	23
11	Plasma Deflection Interrupter for Pulsed Power Applications. <i>Instruments</i> , 2018, 2, 14.	1.8	0
12	Simultaneous Ultra-Fast Imaging and Neutron Emission from a Compact Dense Plasma Focus Fusion Device. <i>Instruments</i> , 2018, 2, 6.	1.8	1
13	High gradient experiments with X -band cryogenic copper accelerating cavities. <i>Physical Review Accelerators and Beams</i> , 2018, 21, .	1.6	48
14	Generation of Ramped Current Profiles in Relativistic Electron Beams Using Wakefields in Dielectric Structures. <i>Physical Review Letters</i> , 2017, 118, 054802.	7.8	23
15	Hot spots and dark current in advanced plasma wakefield accelerators. <i>Physical Review Accelerators and Beams</i> , 2016, 19, .	1.6	11
16	Longitudinal dispersion of orbital angular momentum modes in high-gain free-electron lasers. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2008, 11, .	1.8	8
17	Virtual dielectric waveguide mode description of a high-gain free-electron laser. II. Modeling and numerical simulations. <i>Physical Review A</i> , 2008, 77, .	2.5	9
18	Virtual dielectric waveguide mode description of a high-gain free-electron laser. I. Theory. <i>Physical Review A</i> , 2008, 77, .	2.5	10

#	ARTICLE	IF	CITATIONS
19	RF Design of the UCLA/INFN Hybrid SW/TW Photoinjector. AIP Conference Proceedings, 2006, , .	0.4	3