

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

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20
docs citations

20
times ranked

275
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | High gradient experiments with X -band cryogenic copper accelerating cavities. Physical Review Accelerators and Beams, 2018, 21, . | 1.6 | 48 |
| 2 | Next generation high brightness electron beams from ultrahigh field cryogenic rf photocathode sources. Physical Review Accelerators and Beams, 2019, 22, . | 1.6 | 41 |
| 3 | Laser-ionized, beam-driven, underdense, passive thin plasma lens. Physical Review Accelerators and Beams, 2019, 22, . | 1.6 | 26 |
| 4 | Generation of Ramped Current Profiles in Relativistic Electron Beams Using Wakefields in Dielectric Structures. Physical Review Letters, 2017, 118, 054802. | 7.8 | 23 |
| 5 | Experimental Characterization of Electron-Beam-Driven Wakefield Modes in a Dielectric-Woodpile Cartesian Symmetric Structure. Physical Review Letters, 2018, 120, 164801. | 7.8 | 23 |
| 6 | Hot spots and dark current in advanced plasma wakefield accelerators. Physical Review Accelerators and Beams, 2016, 19, . | 1.6 | 11 |
| 7 | High field hybrid photoinjector electron source for advanced light source applications. Physical Review Accelerators and Beams, 2022, 25, . | 1.6 | 11 |
| 8 | Virtual dielectric waveguide mode description of a high-gain free-electron laser. I. Theory. Physical Review A, 2008, 77, . | 2.5 | 10 |
| 9 | Virtual dielectric waveguide mode description of a high-gain free-electron laser. II. Modeling and numerical simulations. Physical Review A, 2008, 77, . | 2.5 | 9 |
| 10 | Longitudinal dispersion of orbital angular momentum modes in high-gain free-electron lasers. Physical Review Special Topics: Accelerators and Beams, 2008, 11, . | 1.8 | 8 |
| 11 | Design of Comb Fabricated Halbach Undulators. Instruments, 2019, 3, 58. | 1.8 | 8 |
| 12 | Compression of Ultra-High Brightness Beams for a Compact X-ray Free-Electron Laser. Instruments, 2019, 3, 53. | 1.8 | 6 |
| 13 | Resonant excitation of very high gradient plasma wakefield accelerators by optical-period bunch trains. Physical Review Accelerators and Beams, 2021, 24, . | 1.6 | 5 |
| 14 | RF Design of the UCLA/INFN Hybrid SW/TW Photoinjector. AIP Conference Proceedings, 2006, , . | 0.4 | 3 |
| 15 | Plasma photonic spatiotemporal synchronization of relativistic electron and laser beams. Physical Review Accelerators and Beams, 2022, 25, . | 1.6 | 3 |
| 16 | Simultaneous Ultra-Fast Imaging and Neutron Emission from a Compact Dense Plasma Focus Fusion Device. Instruments, 2018, 2, 6. | 1.8 | 1 |
| 17 | Electron Diagnostics for Extreme High Brightness Nano-Blade Field Emission Cathodes. Instruments, 2019, 3, 57. | 1.8 | 1 |
| 18 | Plasma Deflection Interrupter for Pulsed Power Applications. Instruments, 2018, 2, 14. | 1.8 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 1D Quantum Simulations of Electron Rescattering with Metallic Nanoblades. Instruments, 2019, 3, 59. | 1.8 | 0 |