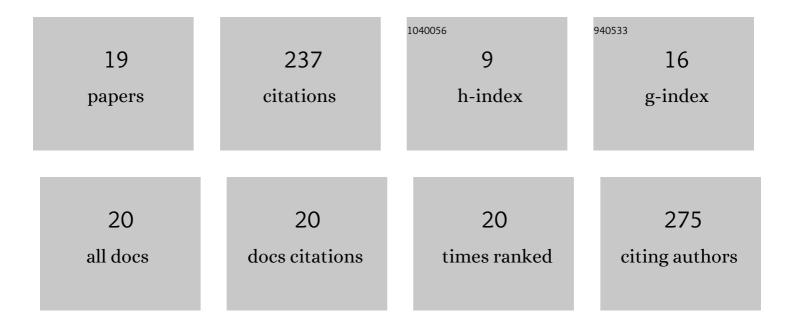
## Jâ€**%**Rosenzweig

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1340433/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	High gradient experiments with <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"&gt;<mml:mi>X</mml:mi></mml:math> -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	Ο