

Kenneth J Leedle

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7228465/publications.pdf>

Version: 2024-02-01

15
papers

634
citations

840776

11
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	On-chip integrated laser-driven particle accelerator. <i>Science</i> , 2020, 367, 79-83.	12.6	141
2	Laser acceleration and deflection of 963 keV electrons with a silicon dielectric structure. <i>Optica</i> , 2015, 2, 158.	9.3	130
3	Dielectric laser acceleration of sub-100 keV electrons with silicon dual-pillar grating structures. <i>Optics Letters</i> , 2015, 40, 4344.	3.3	91
4	Net Acceleration and Direct Measurement of Attosecond Electron Pulses in a Silicon Dielectric Laser Accelerator. <i>Physical Review Letters</i> , 2019, 123, 264802.	7.8	60
5	Elements of a dielectric laser accelerator. <i>Optica</i> , 2018, 5, 687.	9.3	50
6	Phase-dependent laser acceleration of electrons with symmetrically driven silicon dual pillar gratings. <i>Optics Letters</i> , 2018, 43, 2181.	3.3	34
7	Laser-Driven Electron Lensing in Silicon Microstructures. <i>Physical Review Letters</i> , 2019, 122, 104801.	7.8	31
8	Gallium Oxide for High-Power Optical Applications. <i>Advanced Optical Materials</i> , 2020, 8, 1901522.	7.3	25
9	A compact electron source for the dielectric laser accelerator. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	18
10	Low-Energy-Spread Attosecond Bunching and Coherent Electron Acceleration in Dielectric Nanostructures. <i>Physical Review Applied</i> , 2021, 15, .	3.8	13
11	Electron Pulse Compression with Optical Beat Note. <i>Physical Review Letters</i> , 2021, 127, 164802.	7.8	13
12	Quantum Nature of Dielectric Laser Accelerators. <i>Physical Review X</i> , 2021, 11, .	8.9	13
13	Operating modes of dual-grating dielectric laser accelerators. <i>Physical Review Accelerators and Beams</i> , 2020, 23, .	1.6	12
14	Sub-optical-cycle control of free electrons by optical near-fields. , 2017, , .		1
15	High gradient silicon carbide immersion lens ultrafast electron sources. <i>Journal of Applied Physics</i> , 2022, 131, .	2.5	1