Kenneth J Leedle

List of Publications by Year
in descending order

15	634	840776 11	996975 15
papers	citations	h-index	g-index

16	16	16	460
all docs	docs citations	times ranked	citing authors

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