Yuelin Li

List of Publications by Year
in descending order

33 papers	952 citations	516710 16 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	1216 citing authors

#	Article	IF	Citations
1	Giant photoinduced lattice distortion in oxygen vacancy ordered <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrCoO</mml:mi><mml:mrow><mml:mn>2.5</mml:mn> thin films. Physical Review B, 2019, 100, .	3.2	9
2	Nanoscale excitonic photovoltaic mechanism in ferroelectric BiFeO3 thin films. APL Materials, 2018, 6, .	5.1	12
3	Effects of biaxial strain on the improper multiferroicity inhâ^'LuFeO3films studied using the restrained thermal expansion method. Physical Review B, 2017, 95, .	3.2	14
4	Strong lattice correlation of non-equilibrium quasiparticles in a pseudospin-1/2 Mott insulator Sr2IrO4. Scientific Reports, 2016, 6, 19302.	3.3	13
5	Giant optical enhancement of strain gradient in ferroelectric BiFeO3 thin films and its physical origin. Scientific Reports, 2015, 5, 16650.	3.3	33
6	Time delay measurement in the frequency domain. Journal of Synchrotron Radiation, 2015, 22, 1293-1296.	2.4	1
7	Localized Excited Charge Carriers Generate Ultrafast Inhomogeneous Strain in the Multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>BiFeO</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn> Physical Review Letters, 2014, 112, 097602.	7.8	89
8	Electronic Origin of Ultrafast Photoinduced Strain in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BiFeO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2013, 110, 037601.	7.8	106
9	Optoelectronic measurement of x-ray synchrotron pulses: A proof of concept demonstration. Applied Physics Letters, 2013, 102, 051109.	3.3	2
10	Structural and electronic recovery pathways of a photoexcited ultrathin VO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>film. Physical Review B, 2013, 88, .	3.2	43
11	Ultrafast Photovoltaic Response in Ferroelectric Nanolayers. Physical Review Letters, 2012, 108, 087601.	7.8	150
12	A technique for high-frequency laser-pump X-ray probe experiments at the APS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 649, 191-193.	1.6	16
13	Ultrafast spatiotemporal laser pulse engineering using chromatic dispersion. New Journal of Physics, 2010, 12, 123011.	2.9	2
14	Laser pulse shaping for generating uniform three-dimensional ellipsoidal electron beams. Physical Review Special Topics: Accelerators and Beams, 2009, 12, .	1.8	28
15	Laser-Driven Coherent Betatron Oscillation in a Laser-Wakefield Cavity. Physical Review Letters, 2008, 100, 095002.	7.8	92
16	Nonrelativistic electron bunch train for coherently enhanced terahertz radiation sources. Applied Physics Letters, 2008, 92, 014101.	3.3	39
17	Manipulation of spatiotemporal photon distribution via chromatic aberration. Optics Letters, 2008, 33, 1996.	3.3	10
18	Generating a Quasiellipsoidal Electron Beam by 3D Laser-Pulse Shaping. Physical Review Letters, 2008, 100, 074801.	7.8	31

#	Article	IF	Citations
19	High-power beam-based coherently enhanced THz radiation source. Physical Review Special Topics: Accelerators and Beams, 2008, 11, .	1.8	16
20	Shortening of a laser pulse with a self-modulated phase at the focus of a lens. Optics Letters, 2007, 32, 93.	3.3	4
21	Electro-optical sampling at near-zero optical bias. Applied Physics Letters, 2006, 88, 251108.	3.3	3
22	Scaling Laws for Electron Densities and Gain Coefficients in Low-ZNe-like Lasers. Physica Scripta, 1998, 57, 237-241.	2.5	3
23	Spatial coherence of prepulse-induced neonlike x-ray lasers. Physical Review A, 1998, 58, 628-635.	2.5	19
24	Study of Ne- and Ni-like x-ray lasers using the prepulse technique. Physics of Plasmas, 1997, 4, 479-489.	1.9	25
25	Lasing in neonlike sulphur and silicon. Optics Communications, 1997, 133, 196-200.	2.1	21
26	Two-dimensional near-field images of the neonlike germanium soft-x-ray laser. Optics Letters, 1996, 21, 866.	3.3	14
27	Relative merits of using curved targets and the prepulse technique to enhance the output of the neon-like germanium X-ray laser. Optics Communications, 1996, 124, 287-291.	2.1	13
28	Angular energy distribution and temporal evolution of pulses emitted from low-ZneonlikeJ=0â€“1 x-ray lasers. Physical Review A, 1996, 54, 5193-5200.	2.5	6
29	Demonstration of x-ray lasing in nickel-like tin. Physical Review A, 1996, 53, R652-R654.	2.5	23
30	Spatial position of prepulse inducedJ=0â†'1, 3p-3slasing in low-Zneonlike ions. Physical Review A, 1995, 51, R4341-R4344.	2.5	23
31	Selfâ€calibration of a thinned, backside illuminated charge coupled devices in the soft xâ€ray region. Review of Scientific Instruments, 1995, 66, 80-86.	1.3	42
32	Ne-like ion lasers in the extreme ultraviolet region. Physical Review A, 1995, 52, R3433-R3435.	2.5	36
33	Observation of lasing on the two J = 0â€“1, 3pâ€“3s transitions at 261 and 304 nm in neonlike vanadium. Optics Letters, 1995, 20, 1026.	3.3	14