

# Yuelin Li

## List of Publications by Year in descending order

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33  
papers

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citations

516710

16  
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434195

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33  
all docs

33  
docs citations

33  
times ranked

1216  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast Photovoltaic Response in Ferroelectric Nanolayers. Physical Review Letters, 2012, 108, 087601.	7.8	150
2	Electronic Origin of Ultrafast Photoinduced Strain in $\text{BiFeO}_3$ . Physical Review Letters, 2013, 110, 037601.	7.8	106
3	Laser-Driven Coherent Betatron Oscillation in a Laser-Wakefield Cavity. Physical Review Letters, 2008, 100, 095002.	7.8	92
4	Localized Excited Charge Carriers Generate Ultrafast Inhomogeneous Strain in the Multiferroic $\text{BiFeO}_3$ . Physical Review Letters, 2014, 112, 097602.	7.8	89
5	Structural and electronic recovery pathways of a photoexcited ultrathin $\text{VO}_2$ film. Physical Review B, 2013, 88, .	3.2	43
6	Self-calibration of a thinned, backside illuminated charge coupled devices in the soft x-ray region. Review of Scientific Instruments, 1995, 66, 80-86.	1.3	42
7	Nonrelativistic electron bunch train for coherently enhanced terahertz radiation sources. Applied Physics Letters, 2008, 92, 014101.	3.3	39
8	Ne-like ion lasers in the extreme ultraviolet region. Physical Review A, 1995, 52, R3433-R3435.	2.5	36
9	Giant optical enhancement of strain gradient in ferroelectric $\text{BiFeO}_3$ thin films and its physical origin. Scientific Reports, 2015, 5, 16650.	3.3	33
10	Generating a Quasiellipsoidal Electron Beam by 3D Laser-Pulse Shaping. Physical Review Letters, 2008, 100, 074801.	7.8	31
11	Laser pulse shaping for generating uniform three-dimensional ellipsoidal electron beams. Physical Review Special Topics: Accelerators and Beams, 2009, 12, .	1.8	28
12	Study of Ne- and Ni-like x-ray lasers using the prepulse technique. Physics of Plasmas, 1997, 4, 479-489.	1.9	25
13	Spatial position of prepulse induced lasing in low-Z neonlike ions. Physical Review A, 1995, 51, R4341-R4344.	2.5	23
14	Demonstration of x-ray lasing in nickel-like tin. Physical Review A, 1996, 53, R652-R654.	2.5	23
15	Lasing in neonlike sulphur and silicon. Optics Communications, 1997, 133, 196-200.	2.1	21
16	Spatial coherence of prepulse-induced neonlike x-ray lasers. Physical Review A, 1998, 58, 628-635.	2.5	19
17	High-power beam-based coherently enhanced THz radiation source. Physical Review Special Topics: Accelerators and Beams, 2008, 11, .	1.8	16
18	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

#	ARTICLE	IF	CITATIONS
19	Observation of lasing on the two $J = 0 \rightarrow 1, 3p \rightarrow 3s$ transitions at 261 and 304 nm in neonlike vanadium. Optics Letters, 1995, 20, 1026.	3.3	14
20	Two-dimensional near-field images of the neonlike germanium soft-x-ray laser. Optics Letters, 1996, 21, 866.	3.3	14
21	Effects of biaxial strain on the improper multiferroicity in $\text{LuFeO}_3$ films studied using the restrained thermal expansion method. Physical Review B, 2017, 95, .	3.2	14
22	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
23	Strong lattice correlation of non-equilibrium quasiparticles in a pseudospin-1/2 Mott insulator $\text{Sr}_2\text{IrO}_4$ . Scientific Reports, 2016, 6, 19302.	3.3	13
24	Nanoscale excitonic photovoltaic mechanism in ferroelectric $\text{BiFeO}_3$ thin films. APL Materials, 2018, 6, .	5.1	12
25	Manipulation of spatiotemporal photon distribution via chromatic aberration. Optics Letters, 2008, 33, 1996.	3.3	10
26	Giant photoinduced lattice distortion in oxygen vacancy ordered $\text{SrCoO}_{x-2.5}$ thin films. Physical Review B, 2019, 100, .	3.2	9
27	Angular energy distribution and temporal evolution of pulses emitted from low-Z neonlike $J = 0 \rightarrow 1$ x-ray lasers. Physical Review A, 1996, 54, 5193-5200.	2.5	6
28	Shortening of a laser pulse with a self-modulated phase at the focus of a lens. Optics Letters, 2007, 32, 93.	3.3	4
29	Scaling Laws for Electron Densities and Gain Coefficients in Low-Z Ne-like Lasers. Physica Scripta, 1998, 57, 237-241.	2.5	3
30	Electro-optical sampling at near-zero optical bias. Applied Physics Letters, 2006, 88, 251108.	3.3	3
31	Ultrafast spatiotemporal laser pulse engineering using chromatic dispersion. New Journal of Physics, 2010, 12, 123011.	2.9	2
32	Optoelectronic measurement of x-ray synchrotron pulses: A proof of concept demonstration. Applied Physics Letters, 2013, 102, 051109.	3.3	2
33	Time delay measurement in the frequency domain. Journal of Synchrotron Radiation, 2015, 22, 1293-1296.	2.4	1