

# Xiao Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5941505/publications.pdf>

Version: 2024-02-01

31  
papers

522  
citations

933447

10  
h-index

677142

22  
g-index

31  
all docs

31  
docs citations

31  
times ranked

811  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances of Plasmonic Nanoparticles and their Applications. <i>Materials</i> , 2018, 11, 1833.	2.9	146
2	Flexible and Self-Powered Photodetector Arrays Based on All-Inorganic CsPbBr <sub>3</sub> Quantum Dots. <i>Advanced Materials</i> , 2020, 32, e2000004.	21.0	134
3	Enhanced performance of ZnO nanoparticle decorated all-inorganic CsPbBr <sub>3</sub> quantum dot photodetectors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 6134-6142.	10.3	64
4	Optimal design of DC-based polarization beam splitter in lithium niobate on insulator. <i>Optics Communications</i> , 2017, 396, 23-27.	2.1	28
5	Spatially Bandgap-Graded MoS <sub>2</sub> (1-x)Se <sub>2x</sub> Homojunctions for Self-Powered Visible-Near-Infrared Phototransistors. <i>Nano-Micro Letters</i> , 2020, 12, 26.	27.0	22
6	Epitaxial Growth of Few-Layer Black Phosphorene Quantum Dots on Si Substrates. <i>Advanced Materials Interfaces</i> , 2018, 5, 1801048.	3.7	20
7	Precise Failure Location and Protection Mechanism in Long-Reach Passive Optical Network. <i>Journal of Lightwave Technology</i> , 2016, 34, 5175-5182.	4.6	15
8	Full Bandwidth Wavelength Division Multiplexer/Demultiplexer Based on MMI. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 107-110.	2.5	14
9	Tunable Multiwavelength Optical Comb Enabled WDM-OFDM-PON With Source-Free ONUs. <i>IEEE Photonics Journal</i> , 2018, 10, 1-8.	2.0	13
10	The radio-on-fiber-wavelength-division-multiplexed-passive-optical network (WDM-RoF-PON) for wireless and wire layout with linearly-polarized dual-wavelength fiber laser and carrier reusing. <i>Optics and Laser Technology</i> , 2013, 49, 301-306.	4.6	12
11	Ambipolar and Robust WSe <sub>2</sub> Field-Effect Transistors Utilizing Self-Assembled Edge Oxides. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901628.	3.7	11
12	AWG optical filter with tunable central wavelength and bandwidth based on LNOI and electro-optic effect. <i>Optics Communications</i> , 2020, 454, 124445.	2.1	10
13	A modified 160 Gbit/s OTDM system based on QPSK Nyquist pulses and coherent detection. <i>Optics Communications</i> , 2020, 455, 124551.	2.1	5
14	Multifunctional two-dimensional glassy graphene devices for vis-NIR photodetection and volatile organic compound sensing. <i>Science China Materials</i> , 2021, 64, 1964-1976.	6.3	5
15	Optimizing GaAs nanowire-based visible-light photodetectors. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	5
16	Macroscopic and microscopic defect management in blue/green photodetectors for underwater wireless optical communication. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5970-5980.	5.5	5
17	Semiconductor laser using multimode interference principle. <i>Optics and Laser Technology</i> , 2018, 98, 75-78.	4.6	4
18	The RoF-WDM-PON for Wireless and Wire Layout with Multi-wavelength Fiber Laser and Carrier Reusing. <i>Journal of Optical Communications</i> , 2013, 34, .	4.7	2

#	ARTICLE	IF	CITATIONS
19	Design of full-bandwidth ROADM based on MMI and MRRs. Optical and Quantum Electronics, 2018, 50, 1.	3.3	2
20	The reconfigurable dispersion compensator based on LNOI waveguide grating. Optical and Quantum Electronics, 2018, 50, 1.	3.3	2
21	The design of bidirectional RoF system based on optical coherent technology and improved OFDM mechanism. Optical and Quantum Electronics, 2015, 47, 1255-1265.	3.3	1
22	WDM-OFDM-RoF system based on optical coupling tandem single-sideband modulation. Optical and Quantum Electronics, 2015, 47, 2435-2443.	3.3	1
23	Polarization beam splitter based on lithium niobate thin film. , 2016, , .		1
24	Optical Labelling Scheme Based on Dedicated Wavelength and Hybrid Modulation Techniques. Journal of Optical Communications, 2011, 32, .	4.7	0
25	A Novel Scheme of Generating Optical Packets in OLS System. Journal of Optical Communications, 2012, 33, .	4.7	0
26	A Vibration Sensor System based on Distributed Feedback Fiber Lasers and Digital Phase Generated Carrier Demodulation. Journal of Optical Communications, 2012, 33, .	4.7	0
27	Failure location mechanism in long-reach PON based on OCDR. Optical and Quantum Electronics, 2018, 50, 1.	3.3	0
28	A novel reconfigurable radio-over-fiber system based on flexible optical devices. Optical and Quantum Electronics, 2018, 50, 1.	3.3	0
29	Investigation into the current loss in InAs/GaAs quantum dot solar cells with Si-doped quantum dots. Journal Physics D: Applied Physics, 2019, 52, 505108.	2.8	0
30	LNOI waveguide grating based true time delay line for tunable bandpass microwave photonic filter. Optical and Quantum Electronics, 2020, 52, 1.	3.3	0
31	Proposal for temperature-independent optical sensor based on asymmetric Mach-Zehnder interferometer. Optical and Quantum Electronics, 2021, 53, 1.	3.3	0