

# Xing Lin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2136467/publications.pdf>

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23  
papers

1,223  
citations

623734

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h-index

677142

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g-index

25  
all docs

25  
docs citations

25  
times ranked

2095  
citing authors

#	ARTICLE	IF	CITATIONS
1	Double-Pulse Generation of Indistinguishable Single Photons with Optically Controlled Polarization. Nano Letters, 2022, 22, 1483-1490.	9.1	14
2	Interaction between light and single quantum-emitter in open Fabry-Perot microcavity. Wuli Xuebao/Acta Physica Sinica, 2022, 71, 060201.	0.5	0
3	Mode selection in InGaAs/InGaAsP quantum well photonic crystal lasers based on coupled double-heterostructure cavities. Optics Express, 2022, 30, 10229.	3.4	2
4	Phonon-assisted up-conversion photoluminescence of quantum dots. Nature Communications, 2021, 12, 4283.	12.8	37
5	Observation of photon antibunching with only one standard single-photon detector. Review of Scientific Instruments, 2021, 92, 013105.	1.3	1
6	Mode Selection in L40 Photonic Crystal Cavities via Spatially Distributed Pumping. , 2021, , .		0
7	Quantum Dots for Display Applications. Angewandte Chemie, 2020, 132, 22496-22507.	2.0	33
8	Quantum Dots for Display Applications. Angewandte Chemie - International Edition, 2020, 59, 22312-22323.	13.8	168
9	Deciphering exciton-generation processes in quantum-dot electroluminescence. Nature Communications, 2020, 11, 2309.	12.8	96
10	Fast Lasing Wavelength Tuning in Single Nanowires. Advanced Optical Materials, 2019, 7, 1900797.	7.3	6
11	Single Halide Perovskite/Semiconductor Core/Shell Quantum Dots with Ultrastability and Nonblinking Properties. Advanced Science, 2019, 6, 1900412.	11.2	131
12	A simple approach to fiber-based tunable microcavity with high coupling efficiency. Applied Physics Letters, 2019, 114, .	3.3	18
13	Influence of the substrate material on the optical properties of tungsten diselenide monolayers. 2D Materials, 2017, 4, 025045.	4.4	80
14	Electrically-driven single-photon sources based on colloidal quantum dots with near-optimal antibunching at room temperature. Nature Communications, 2017, 8, 1132.	12.8	105
15	Single whispering-gallery mode lasing in polymer bottle microresonators via spatial pump engineering. Light: Science and Applications, 2017, 6, e17061-e17061.	16.6	112
16	Mode tailoring in subwavelength-dimensional semiconductor micro/nanowaveguides by coupling optical microfibers. Optics Express, 2016, 24, 23361.	3.4	5
17	Charging and Discharging Channels in Photoluminescence Intermittency of Single Colloidal CdSe/CdS Core/Shell Quantum Dot. Journal of Physical Chemistry Letters, 2016, 7, 5176-5182.	4.6	31
18	Localized high-Q modes in conical microcavities. Optics Communications, 2016, 381, 169-173.	2.1	3

#	ARTICLE	IF	CITATIONS
19	Graphene/h-BN/GaAs sandwich diode as solar cell and photodetector. Optics Express, 2016, 24, 134.	3.4	110
20	Single-Band 2-nm-Line-Width Plasmon Resonance in a Strongly Coupled Au Nanorod. Nano Letters, 2015, 15, 7581-7586.	9.1	61
21	Controllable synthesis and growth mechanism of dual size distributed PbSe quantum dots. RSC Advances, 2015, 5, 1961-1967.	3.6	4
22	Single Nanowire Optical Correlator. Nano Letters, 2014, 14, 3487-3490.	9.1	61
23	Single-Dot Spectroscopy of Zinc-Blende CdSe/CdS Core/Shell Nanocrystals: Nonblinking and Correlation with Ensemble Measurements. Journal of the American Chemical Society, 2014, 136, 179-187.	13.7	141