

Xing Lin

List of Publications by Year in descending order

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

Version: 2024-02-01

23
papers

1,223
citations

623734

14
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

2095
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Quantum Dots for Display Applications. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22312-22323. | 13.8 | 168 |
| 2 | Single-Dot Spectroscopy of Zinc-Blende CdSe/CdS Core/Shell Nanocrystals: Nonblinking and Correlation with Ensemble Measurements. <i>Journal of the American Chemical Society</i> , 2014, 136, 179-187. | 13.7 | 141 |
| 3 | Single Halide Perovskite/Semiconductor Core/Shell Quantum Dots with Ultrastability and Nonblinking Properties. <i>Advanced Science</i> , 2019, 6, 1900412. | 11.2 | 131 |
| 4 | Single whispering-gallery mode lasing in polymer bottle microresonators via spatial pump engineering. <i>Light: Science and Applications</i> , 2017, 6, e17061-e17061. | 16.6 | 112 |
| 5 | Graphene/h-BN/GaAs sandwich diode as solar cell and photodetector. <i>Optics Express</i> , 2016, 24, 134. | 3.4 | 110 |
| 6 | Electrically-driven single-photon sources based on colloidal quantum dots with near-optimal antibunching at room temperature. <i>Nature Communications</i> , 2017, 8, 1132. | 12.8 | 105 |
| 7 | Deciphering exciton-generation processes in quantum-dot electroluminescence. <i>Nature Communications</i> , 2020, 11, 2309. | 12.8 | 96 |
| 8 | Influence of the substrate material on the optical properties of tungsten diselenide monolayers. <i>2D Materials</i> , 2017, 4, 025045. | 4.4 | 80 |
| 9 | Single Nanowire Optical Correlator. <i>Nano Letters</i> , 2014, 14, 3487-3490. | 9.1 | 61 |
| 10 | Single-Band 2-nm-Line-Width Plasmon Resonance in a Strongly Coupled Au Nanorod. <i>Nano Letters</i> , 2015, 15, 7581-7586. | 9.1 | 61 |
| 11 | Phonon-assisted up-conversion photoluminescence of quantum dots. <i>Nature Communications</i> , 2021, 12, 4283. | 12.8 | 37 |
| 12 | Quantum Dots for Display Applications. <i>Angewandte Chemie</i> , 2020, 132, 22496-22507. | 2.0 | 33 |
| 13 | Charging and Discharging Channels in Photoluminescence Intermittency of Single Colloidal CdSe/CdS Core/Shell Quantum Dot. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 5176-5182. | 4.6 | 31 |
| 14 | A simple approach to fiber-based tunable microcavity with high coupling efficiency. <i>Applied Physics Letters</i> , 2019, 114, . | 3.3 | 18 |
| 15 | Double-Pulse Generation of Indistinguishable Single Photons with Optically Controlled Polarization. <i>Nano Letters</i> , 2022, 22, 1483-1490. | 9.1 | 14 |
| 16 | Fast Lasing Wavelength Tuning in Single Nanowires. <i>Advanced Optical Materials</i> , 2019, 7, 1900797. | 7.3 | 6 |
| 17 | Mode tailoring in subwavelength-dimensional semiconductor micro/nanowaveguides by coupling optical microfibers. <i>Optics Express</i> , 2016, 24, 23361. | 3.4 | 5 |
| 18 | Controllable synthesis and growth mechanism of dual size distributed PbSe quantum dots. <i>RSC Advances</i> , 2015, 5, 1961-1967. | 3.6 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Localized high-Q modes in conical microcavities. Optics Communications, 2016, 381, 169-173. | 2.1 | 3 |
| 20 | Mode selection in InGaAs/InGaAsP quantum well photonic crystal lasers based on coupled double-heterostructure cavities. Optics Express, 2022, 30, 10229. | 3.4 | 2 |
| 21 | Observation of photon antibunching with only one standard single-photon detector. Review of Scientific Instruments, 2021, 92, 013105. | 1.3 | 1 |
| 22 | Mode Selection in L40 Photonic Crystal Cavities via Spatially Distributed Pumping. , 2021, , . | | 0 |
| 23 | Interaction between light and single quantum-emitter in open Fabry-Perot microcavity. Wuli Xuebao/Acta Physica Sinica, 2022, 71, 060201. | 0.5 | 0 |