

# Rongzhen Jiao

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Recent progress on optomagnetic coupling and optical manipulation based on cavity-optomagnonics. <i>Frontiers of Physics</i> , 2022, 17, .	5.0	27
2	Optimization parameter prediction-based XGBoost of TF-QKD. <i>Quantum Information Processing</i> , 2022, 21, .	2.2	1
3	Optical Chirality in a Strong Coupling System with Surface Plasmons Polaritons and Chiral Emitters. <i>ACS Photonics</i> , 2021, 8, 901-906.	6.6	17
4	Diverse axial chiral assemblies of J-aggregates in plexcitonic nanoparticles. <i>Nanoscale</i> , 2021, 13, 15812-15818.	5.6	4
5	Plexcitonic Optical Chirality: Strong Exciton-Plasmon Coupling in Chiral J-Aggregate-Metal Nanoparticle Complexes. <i>ACS Nano</i> , 2021, 15, 2292-2300.	14.6	38
6	Analysis of three-intensity decoy-state phase-matching quantum key distribution. <i>European Physical Journal D</i> , 2021, 75, 1.	1.3	1
7	Epsilon-near-zero material integrated trapezoid gold nanoantenna with wideband high absorption. <i>Optics Communications</i> , 2021, , 127619.	2.1	1
8	Multispectral and low-filling-factor superconducting nanowire single photon detector with high absorption efficiency. <i>AIP Advances</i> , 2020, 10, 085111.	1.3	1
9	The performance of three-intensity decoy-state measurement-device-independent quantum key distribution. <i>Quantum Information Processing</i> , 2020, 19, 1.	2.2	3
10	Amplification of Absorption Induced by Localized Surface Plasmons in Superconducting Nanowire Single-Photon Detector. <i>Plasmonics</i> , 2019, 14, 117-123.	3.4	3
11	The performance of reference-frame-independent measurement-device-independent quantum key distribution. <i>Quantum Information Processing</i> , 2019, 18, 1.	2.2	4
12	Directional Optical Travelling Wave Antenna Based on Surface Plasmon Transmission Line. <i>Laser and Photonics Reviews</i> , 2018, 12, 1700073.	8.7	7
13	Polarization-dependent plasmon mode mapping of Ag nanowires based on two-photon excitation fluorescence of quantum dots. <i>Applied Physics Letters</i> , 2017, 110, 153107.	3.3	0
14	Ultra-high Sensitivity Plasmonic Nanosensor Based on Multiple Fano Resonance in the MDM Side-Coupled Cavities. <i>Plasmonics</i> , 2017, 12, 1099-1105.	3.4	18
15	Multiple Fano Resonances Based on Plasmonic Resonator System With End-Coupled Cavities for High-Performance Nanosensor. <i>IEEE Photonics Journal</i> , 2017, 9, 1-9.	2.0	26