Yue Luo

List of Publications by Year in descending order

16 papers	730 citations	759233 12 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	1275 citing authors

#	Article	IF	Citations
1	Deterministic coupling of site-controlled quantum emitters in monolayer WSe2 to plasmonic nanocavities. Nature Nanotechnology, 2018, 13, 1137-1142.	31.5	198
2	Nonmagnetic Quantum Emitters in Boron Nitride with Ultranarrow and Sideband-Free Emission Spectra. ACS Nano, 2017, 11, 6652-6660.	14.6	105
3	Purcell-enhanced quantum yield from carbon nanotube excitons coupled to plasmonic nanocavities. Nature Communications, 2017, 8, 1413.	12.8	87
4	Low-Temperature Single Carbon Nanotube Spectroscopy of sp³ Quantum Defects. ACS Nano, 2017, 11, 10785-10796.	14.6	79
5	Single photon emission in WSe ₂ up 160â€‰K by quantum yield control. 2D Materials, 2019, 6, 035017.	4.4	53
6	In situ nanoscale imaging of moirÃ© superlattices in twisted van der Waals heterostructures. Nature Communications, 2020, 11, 4209.	12.8	43
7	Carbon Nanotube Color Centers in Plasmonic Nanocavities: A Path to Photon Indistinguishability at Telecom Bands. Nano Letters, 2019, 19, 9037-9044.	9.1	35
8	Near-Unity Light Collection Efficiency from Quantum Emitters in Boron Nitride by Coupling to Metallo-Dielectric Antennas. ACS Nano, 2019, 13, 6992-6997.	14.6	31
9	Exciton Dipole Orientation of Strain-Induced Quantum Emitters in WSe₂. Nano Letters, 2020, 20, 5119-5126.	9.1	24
10	Magnetic Proximity Coupling of Quantum Emitters in WSe₂ to van der Waals Ferromagnets. Nano Letters, 2019, 19, 7301-7308.	9.1	21
11	Free Trions with Near-Unity Quantum Yield in Monolayer MoSe₂. ACS Nano, 2022, 16, 140-147.	14.6	19
12	Multiple Tunable Hyperbolic Resonances in Broadband Infrared Carbon-Nanotube Metamaterials. Physical Review Applied, 2020, 14, .	3.8	17
13	Grayscale Nanopatterning of Phase-Change Materials for Subwavelength-Scaled, Inherently Planar, Nonvolatile, and Reconfigurable Optical Devices. ACS Applied Nano Materials, 2020, 3, 4486-4493.	5.0	7
14	Broadband Light Collection Efficiency Enhancement of Carbon Nanotube Excitons Coupled to Metallo-Dielectric Antenna Arrays. ACS Photonics, 2018, 5, 289-294.	6.6	5
15	Tunable multipole resonances in plasmonic crystals made by four-beam holographic lithography. Applied Physics Letters, 2016, 108, .	3.3	3
16	Suppression of exciton dephasing in sidewall-functionalized carbon nanotubes embedded into metallo-dielectric antennas. Nanoscale, 2018, 10, 12631-12638.	5.6	3