Lei Zhang

List of Publications by Year
in descending order

18	416	933447 10	1199594 12
papers	citations	h-index	g-index

18	18	18	569
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultralow Threshold Room Temperature Polariton Condensation in Colloidal CdSe/CdS Core/Shell Nanoplatelets. Advanced Science, 2022, 9, e2200395.	11.2	9
2	Mechanisms of inhomogeneous broadening in InGaN dot-in-wire structures. Journal of Applied Physics, 2019, 126, 083104.	2.5	6
3	Strain-induced red-green-blue wavelength tuning in InGaN quantum wells. Applied Physics Letters, 2016, 108, 071104.	3.3	36
4	Site-controlled InGaN/GaN single-photon-emitting diode. Applied Physics Letters, 2016, 108, .	3.3	24
5	Charge-tunable indium gallium nitride quantum dots. Physical Review B, 2016, 93, .	3.2	11
6	Elliptical quantum dots as on-demand single photons sources with deterministic polarization states. Applied Physics Letters, 2015, 107, .	3.3	33
7	Plasmonic Enhancement of Single Photon Emission from a Site-Controlled Quantum Dot. ACS Photonics, 2015, 2, 1065-1070.	6.6	22
8	Carrier dynamics in site- and structure-controlled InGaN/GaN quantum dots. Physical Review B, 2014, 90, .	3.2	23
9	How much better are InGaN/GaN nanodisks than quantum wellsâ€"Oscillator strength enhancement and changes in optical properties. Applied Physics Letters, 2014, 104, .	3.3	32
10	Electrically driven single-photon emission from site-controlled InGaN/GaN quantum dots. , 2014, , .		0
11	Semiconductor Single-Photon Emitters with Tunable Polarization Output. , 2014, , .		1
12	Single photon emission from site-controlled InGaN/GaN quantum dots. Applied Physics Letters, 2013, 103, .	3.3	44
13	Single photon emission from site-controlled InGaN quantum dots up to 90 K. , 2013, , .		0
14	Enhancement of Spontaneous Emission Rate in an InGaN Quantum Dot Coupled to a Plasmonic Cavity. , 2013, , .		1
15	Effects of Strain Relaxation on Luminescent Properties of InGaN/GaN Nanorods from 2D to 0D Transition. , 2013, , .		0
16	Site-controlled single photon emitters based on InGaN/GaN quantum dots. , 2012, , .		0
17	Room Temperature Ultralow Threshold GaN Nanowire Polariton Laser. Physical Review Letters, 2011, 107, 066405.	7.8	161
18	Room-temperature quantum-dot-like luminescence from site-controlled InGaN quantum disks. Applied Physics Letters, 2011, 99, 263105.	3.3	13