Shihao Ding

List of Publications by Year
in descending order

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21	660	759055 12	839398 18
papers	citations	h-index	g-index

21	21	21	620
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High‐Performance Blue Perovskite Light‐Emitting Diodes Enabled by Efficient Energy Transfer between Coupled Quasi‐2D Perovskite Layers. Advanced Materials, 2021, 33, e2005570.	11.1	171
2	InP/ZnS/ZnS Core/Shell Blue Quantum Dots for Efficient Light‐Emitting Diodes. Advanced Functional Materials, 2020, 30, 2005303.	7.8	92
3	Printable CsPbBr₃ perovskite quantum dot ink for coffee ring-free fluorescent microarrays using inkjet printing. Nanoscale, 2020, 12, 2569-2577.	2.8	73
4	Green InP/ZnSeS/ZnS Core Multi‐Shelled Quantum Dots Synthesized with Aminophosphine for Effective Display Applications. Advanced Functional Materials, 2021, 31, 2008453.	7.8	71
5	Facile In Situ Fabrication of Cs₄PbBr₆/CsPbBr₃ Nanocomposite Containing Polymer Films for Ultrawide Color Gamut Displays. Advanced Optical Materials, 2020, 8, 2000232.	3.6	45
6	High Performance Inkjet‐Printed Quantum‐Dot Light‐Emitting Diodes with High Operational Stability. Advanced Optical Materials, 2021, 9, 2101069.	3.6	36
7	Enhanced hole injection assisted by electric dipoles for efficient perovskite light-emitting diodes. Communications Materials, 2020, 1, .	2.9	33
8	Impact of the resistive switching effects in ZnMgO electron transport layer on the aging characteristics of quantum dot light-emitting diodes. Applied Physics Letters, 2020, 117, .	1.5	26
9	High-performance perovskite light-emitting diodes based on double hole transport layers. Journal of Materials Chemistry C, 2021, 9, 2115-2122.	2.7	25
10	High‐Performance Ultrapure Green CdSe/CdS Core/Crown Nanoplatelet Light‐Emitting Diodes by Suppressing Nonradiative Energy Transfer. Advanced Electronic Materials, 2021, 7, 2000965.	2.6	17
11	Capacitance–voltage characteristics of perovskite light-emitting diodes: Modeling and implementing on the analysis of carrier behaviors. Applied Physics Letters, 2022, 120, .	1.5	16
12	Ultrawide color gamut <scp>LCD</scp> display with <scp>CdSe/CdS</scp> nanoplatelets. Journal of the Society for Information Display, 2019, 27, 587-596.	0.8	14
13	Alloyed Green-Emitting CdZnSeS/ZnS Quantum Dots with Dense Protective Layers for Stable Lighting and Display Applications. ACS Applied Materials & Interfaces, 2021, 13, 32217-32225.	4.0	13
14	Sign change of magnetoresistance in Gd-doped amorphous carbon granular films. Physical Chemistry Chemical Physics, 2015, 17, 30695-30701.	1.3	6
15	Spectral dispersion of the linewidth enhancement factor and four wave mixing conversion efficiency of an InAs/GaAs multimode quantum dot laser. Applied Physics Letters, 2022, 120, .	1.5	6
16	Enhancing stability of CsPbBr 3 nanocrystals light‐emitting diodes through polymethylmethacrylate physical adsorption. Nano Select, 2020, 1, 372-381.	1.9	5
17	Optical Tunneling to Improve Light Extraction in Quantum Dot and Perovskite Light-Emitting Diodes. IEEE Photonics Journal, 2020, 12, 1-14.	1.0	5
18	Perovskite Light‐Emitting Diodes: High‐Performance Blue Perovskite Light‐Emitting Diodes Enabled by Efficient Energy Transfer between Coupled Quasi‐2D Perovskite Layers (Adv. Mater. 1/2021). Advanced Materials, 2021, 33, 2170006.	11.1	5

#	Article	IF	Citations
19	Reflection sensitivity of InAs/GaAs epitaxial quantum dot lasers under direct modulation. Electronics Letters, 2022, 58, 363-365.	0.5	1
20	Structural design and fabrication of 830Ânm GaAsP/AlGaAs low polarization superluminescent diode with tensile-strained wells. Journal of Materials Science: Materials in Electronics, 2018, 29, 10102-10108.	1.1	0
21	Pâ€14.3: Inkjet Printed QLED with Enhanced Efficiency and Stability Based on Optimized Hole Transport Layer with Less Side Emission. Digest of Technical Papers SID International Symposium, 2021, 52, 1056-1056.	0.1	0