

Shihao Ding

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

660
citations

759055

12
h-index

839398

18
g-index

21
all docs

21
docs citations

21
times ranked

620
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Reflection sensitivity of InAs/GaAs epitaxial quantum dot lasers under direct modulation. Electronics Letters, 2022, 58, 363-365.	0.5	1
3	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
4	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
5	High-performance perovskite light-emitting diodes based on double hole transport layers. Journal of Materials Chemistry C, 2021, 9, 2115-2122.	2.7	25
6	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
7	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
8	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
9	P.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
10	High Performance Inkjet-Printed Quantum-Dot Light-Emitting Diodes with High Operational Stability. Advanced Optical Materials, 2021, 9, 2101069.	3.6	36
11	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
12	Printable CsPbBr ₃ perovskite quantum dot ink for coffee ring-free fluorescent microarrays using inkjet printing. Nanoscale, 2020, 12, 2569-2577.	2.8	73
13	Enhanced hole injection assisted by electric dipoles for efficient perovskite light-emitting diodes. Communications Materials, 2020, 1, .	2.9	33
14	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
15	Enhancing stability of CsPbBr ₃ nanocrystals light-emitting diodes through polymethylmethacrylate physical adsorption. Nano Select, 2020, 1, 372-381.	1.9	5
16	InP/ZnS/ZnS Core/Shell Blue Quantum Dots for Efficient Light-Emitting Diodes. Advanced Functional Materials, 2020, 30, 2005303.	7.8	92
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	Facile In Situ Fabrication of Cs ₄ PbBr ₆ /CsPbBr ₃ Nanocomposite Containing Polymer Films for Ultrawide Color Gamut Displays. Advanced Optical Materials, 2020, 8, 2000232.	3.6	45

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19	Ultrawide color gamut <sc>LCD</sc> display with <sc>CdSe/CdS</sc> nanoplatelets. Journal of the Society for Information Display, 2019, 27, 587-596.	0.8	14
20	Structural design and fabrication of 830Ånm 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	Sign change of magnetoresistance in Gd-doped amorphous carbon granular films. Physical Chemistry Chemical Physics, 2015, 17, 30695-30701.	1.3	6