

Lingmei Kong

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

654
citations

933447

10
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

652
citing authors

#	ARTICLE	IF	CITATIONS
1	Smoothing the energy transfer pathway in quasi-2D perovskite films using methanesulfonate leads to highly efficient light-emitting devices. <i>Nature Communications</i> , 2021, 12, 1246.	12.8	274
2	Core/Shell Metal Halide Perovskite Nanocrystals for Optoelectronic Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2100438.	14.9	67
3	Improving Efficiency and Stability in Quasi-2D Perovskite Light-Emitting Diodes by a Multifunctional LiF Interlayer. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 43018-43023.	8.0	53
4	Molecule-Induced p-Doping in Perovskite Nanocrystals Enables Efficient Color-Saturated Red Light-Emitting Diodes. <i>Small</i> , 2020, 16, e2001062.	10.0	53
5	Metal Halide Perovskite Nanorods: Shape Matters. <i>Advanced Materials</i> , 2020, 32, e2002736.	21.0	48
6	All-Inorganic Quantum Dot Light-Emitting Diodes with Suppressed Luminance Quenching Enabled by Chloride Passivated Tungsten Phosphate Hole Transport Layers. <i>Small</i> , 2021, 17, e2100030.	10.0	33
7	A Multifunctional Ionic Liquid Additive Enabling Stable and Efficient Perovskite Light-Emitting Diodes. <i>Small</i> , 2022, 18, e2200498.	10.0	24
8	Mixed-Dimensional MXene-Based Composite Electrodes Enable Mechanically Stable and Efficient Flexible Perovskite Light-Emitting Diodes. <i>Nano Letters</i> , 2022, 22, 4246-4252.	9.1	24
9	Light-emitting field-effect transistors with EQE over 20% enabled by a dielectric-quantum dots-dielectric sandwich structure. <i>Science Bulletin</i> , 2022, 67, 529-536.	9.0	23
10	Suppressing the Cation Exchange at the Core/Shell Interface of InP Quantum Dots by a Selenium Shielding Layer Enables Efficient Green Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 15401-15406.	8.0	18
11	Boosting the efficiency and stability of green InP quantum dot light emitting diodes by interface dipole modulation. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8192-8198.	5.5	12
12	Low-Threshold Amplified Spontaneous Emission in Blue Quantum Dots Enabled by Effectively Suppressing Auger Recombination. <i>Advanced Optical Materials</i> , 2021, 9, 2100068.	7.3	8
13	Halide perovskite based light-emitting diodes: a scaling up perspective. <i>Journal of Materials Chemistry C</i> , 2021, 9, 7532-7538.	5.5	7
14	Solvent-Regulated Electronic Structure and Morphology of Inorganic Hole Injection Layers for Efficient Quantum Dot Light-Emitting Diodes. <i>Advanced Photonics Research</i> , 2021, 2, 2000124.	3.6	5
15	Efficient all-inorganic perovskite light-emitting diodes with a multifunctional potassium bromide doped hole transport layer. <i>Optical Materials Express</i> , 2022, 12, 1708.	3.0	2
16	A mixed solvent strategy enabling efficient all-solution-processed perovskite light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8964-8971.	5.5	2
17	Metal Halide Perovskites: Metal Halide Perovskite Nanorods: Shape Matters (<i>Adv. Mater.</i> 46/2020). <i>Advanced Materials</i> , 2020, 32, 2070348.	21.0	1