

Young-Hoon Kim

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

6,491
citations

430874

18
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

7612
citing authors

#	ARTICLE	IF	CITATIONS
1	Overcoming the electroluminescence efficiency limitations of perovskite light-emitting diodes. <i>Science</i> , 2015, 350, 1222-1225.	12.6	2,440
2	Multicolored Organic/Inorganic Hybrid Perovskite Light-Emitting Diodes. <i>Advanced Materials</i> , 2015, 27, 1248-1254.	21.0	1,077
3	Comprehensive defect suppression in perovskite nanocrystals for high-efficiency light-emitting diodes. <i>Nature Photonics</i> , 2021, 15, 148-155.	31.4	590
4	Metal halide perovskite light emitters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11694-11702.	7.1	465
5	Improving the Stability of Metal Halide Perovskite Materials and Light-Emitting Diodes. <i>Advanced Materials</i> , 2018, 30, e1704587.	21.0	368
6	Chiral-induced spin selectivity enables a room-temperature spin light-emitting diode. <i>Science</i> , 2021, 371, 1129-1133.	12.6	340
7	Highly Efficient Light-Emitting Diodes of Colloidal Metal-Halide Perovskite Nanocrystals beyond Quantum Size. <i>ACS Nano</i> , 2017, 11, 6586-6593.	14.6	310
8	Polyethylene Imine as an Ideal Interlayer for Highly Efficient Inverted Polymer Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2014, 24, 3808-3814.	14.9	196
9	High-Efficiency Polycrystalline Perovskite Light-Emitting Diodes Based on Mixed Cations. <i>ACS Nano</i> , 2018, 12, 2883-2892.	14.6	109
10	Dimensionality Dependent Plasticity in Halide Perovskite Artificial Synapses for Neuromorphic Computing. <i>Advanced Electronic Materials</i> , 2019, 5, 1900008.	5.1	109
11	Strategies to Improve Luminescence Efficiency of Metal-Halide Perovskites and Light-Emitting Diodes. <i>Advanced Materials</i> , 2019, 31, e1804595.	21.0	102
12	Strategies to Achieve High Circularly Polarized Luminescence from Colloidal Organic-Inorganic Hybrid Perovskite Nanocrystals. <i>ACS Nano</i> , 2020, 14, 8816-8825.	14.6	94
13	Exploiting the full advantages of colloidal perovskite nanocrystals for large-area efficient light-emitting diodes. <i>Nature Nanotechnology</i> , 2022, 17, 590-597.	31.5	81
14	The Structural Origin of Chiroptical Properties in Perovskite Nanocrystals with Chiral Organic Ligands. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	43
15	Low-energy room-temperature optical switching in mixed-dimensionality nanoscale perovskite heterojunctions. <i>Science Advances</i> , 2021, 7, .	10.3	41
16	Metal Halide Perovskites: From Crystal Formations to Light-Emitting Diode Applications. <i>Small Methods</i> , 2018, 2, 1800093.	8.6	36
17	The Path to Enlightenment: Progress and Opportunities in High Efficiency Halide Perovskite Light-Emitting Devices. <i>ACS Photonics</i> , 2021, 8, 386-404.	6.6	25
18	Enrichment of cells with TALEN-induced mutations using surrogate reporters. <i>Methods</i> , 2014, 69, 108-117.	3.8	21

#	ARTICLE	IF	CITATIONS
19	Rh D blood group conversion using transcription activator-like effector nucleases. Nature Communications, 2015, 6, 7451.	12.8	16
20	Synergistic Molecular Engineering of Hole-Injecting Conducting Polymers Overcomes Luminescence Quenching in Perovskite Light-Emitting Diodes. Advanced Optical Materials, 2021, 9, 2100646.	7.3	14
21	Genome Engineering in Human Cells. Methods in Enzymology, 2014, 546, 93-118.	1.0	13
22	Surface-modified ultra-thin indium tin oxide electrodes for efficient perovskite light-emitting diodes. Applied Surface Science, 2022, 575, 151783.	6.1	1
23	Chiral Halogenometalate Hybrids for Spin Manipulation. , 2022, , 137-158.		0