Kwangdong Roh

List of Publications by Year
in descending order

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15 papers	1,025 citations	759233 12 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	1738 citing authors

#	Article	IF	Citations
1	Electrochemically n-Doped CsPbBr₃ Nanocrystal Thin Films. ACS Energy Letters, 2022, 7, 211-216.	17.4	8
2	Organic Hole Transport Material Ionization Potential Dictates Diffusion Kinetics of Iodine Species in Halide Perovskite Devices. ACS Energy Letters, 2021, 6, 501-508.	17.4	28
3	Tuning Laser Threshold within the Large Optical Gain Bandwidth of Halide Perovskite Thin Films. ACS Photonics, 2021, 8, 2548-2554.	6.6	12
4	Nanosecondâ€Pulsed Perovskite Lightâ€Emitting Diodes at High Current Density. Advanced Materials, 2021, 33, e2104867.	21.0	26
5	Optically Pumped Lasing from Hybrid Perovskite Lightâ€Emitting Diodes. Advanced Optical Materials, 2020, 8, 1901297.	7.3	49
6	The role of third cation doping on phase stability, carrier transport and carrier suppression in amorphous oxide semiconductors. Journal of Materials Chemistry C, 2020, 8, 13798-13810.	5.5	18
7	Thermal Management Enables Bright and Stable Perovskite Lightâ€Emitting Diodes. Advanced Materials, 2020, 32, e2000752.	21.0	126
8	Widely Tunable, Room Temperature, Single-Mode Lasing Operation from Mixed-Halide Perovskite Thin Films. ACS Photonics, 2019, 6, 3331-3337.	6.6	31
9	Work function investigations of Al-doped ZnO for band-alignment in electronic and optoelectronic applications. Applied Surface Science, 2019, 484, 990-998.	6.1	37
10	Mixed Leadâ€“Tin Halide Perovskites for Efficient and Wavelengthâ€Tunable Nearâ€Infrared Lightâ€Emitting Diodes. Advanced Materials, 2019, 31, e1806105.	21.0	66
11	Improved Outcoupling Efficiency and Stability of Perovskite Lightâ€Emitting Diodes using Thin Emitting Layers. Advanced Materials, 2019, 31, e1805836.	21.0	198
12	Hybrid perovskite light emitting diodes under intense electrical excitation. Nature Communications, 2018, 9, 4893.	12.8	146
13	A Photonic Crystal Laser from Solution Based Organo-Lead Iodide Perovskite Thin Films. ACS Nano, 2016, 10, 3959-3967.	14.6	238
14	Surface-emitting red, green, and blue colloidal quantum dot distributed feedback lasers. Optics Express, 2014, 22, 18800.	3.4	42
15	Stimulated emission in red, green, and blue from colloidal quantum dot films by single exciton optical gain. , 2012, , .		0