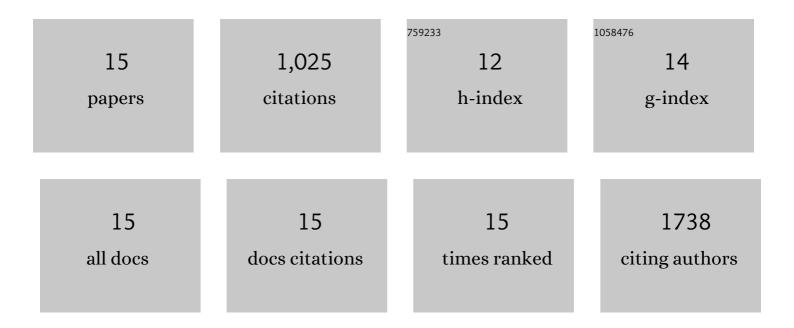
Kwangdong Roh

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Electrochemically n-Doped CsPbBr ₃ 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 Lead–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 |