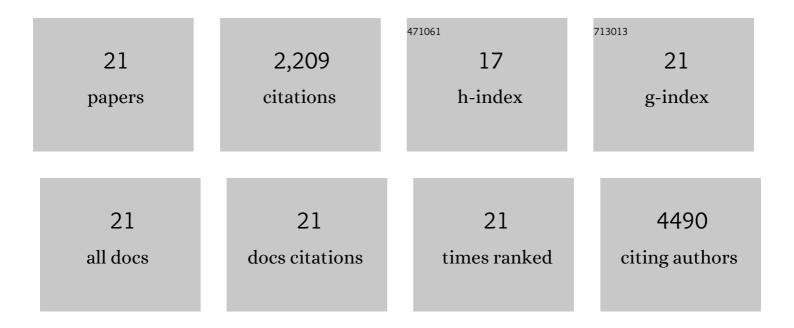
Mingzhu Long

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Enhanced Electrochemical Stability by Alkyldiammonium in Dion–Jacobson Perovskite toward Ultrastable Lightâ€Emitting Diodes. Advanced Optical Materials, 2021, 9, 2100243.	3.6	21
2	Suppressed Phase Segregation in Highâ€Humidityâ€Processed Dion–Jacobson Perovskite Solar Cells Toward High Efficiency and Stability. Solar Rrl, 2021, 5, 2100555.	3.1	6
3	The compatibility of methylammonium and formamidinium in mixed cation perovskite: the optoelectronic and stability properties. Nanotechnology, 2021, 32, 075406.	1.3	14
4	Effects of Alkyl Chain Length on Crystal Growth and Oxidation Process of Two-Dimensional Tin Halide Perovskites. ACS Energy Letters, 2020, 5, 1422-1429.	8.8	112
5	Thermal and illumination effects on a Pbl ₂ nanoplate and its transformation to CH ₃ NH ₃ Pbl ₃ perovskite. CrystEngComm, 2019, 21, 736-740.	1.3	4
6	Stable and scalable 3D-2D planar heterojunction perovskite solar cells via vapor deposition. Nano Energy, 2019, 59, 619-625.	8.2	88
7	Interlayer Interaction Enhancement in Ruddlesden–Popper Perovskite Solar Cells toward High Efficiency and Phase Stability. ACS Energy Letters, 2019, 4, 1025-1033.	8.8	64
8	Graphene controlled Brewster angle device for ultra broadband terahertz modulation. Nature Communications, 2018, 9, 4909.	5.8	117
9	Stable and Efficient 3D-2D Perovskite-Perovskite Planar Heterojunction Solar Cell without Organic Hole Transport Layer. Joule, 2018, 2, 2706-2721.	11.7	124
10	Abnormal Synergetic Effect of Organic and Halide Ions on the Stability and Optoelectronic Properties of a Mixed Perovskite via In Situ Characterizations. Advanced Materials, 2018, 30, e1801562.	11.1	55
11	Largeâ€Grain Formamidinium Pbl _{3–} <i>_x</i> Br <i>_x</i> for Highâ€Performance Perovskite Solar Cells via Intermediate Halide Exchange. Advanced Energy Materials, 2017, 7, 1601882.	10.2	76
12	Crystallinity Preservation and Ion Migration Suppression through Dual Ion Exchange Strategy for Stable Mixed Perovskite Solar Cells. Advanced Energy Materials, 2017, 7, 1700118.	10.2	74
13	Perovskite Solar Cells: Largeâ€Grain Formamidinium Pbl _{3–} <i>_x</i> Br <i>_x</i> for Highâ€Performance Perovskite Solar Cells via Intermediate Halide Exchange (Adv. Energy Mater. 12/2017). Advanced Energy Materials, 2017, 7, .	10.2	2
14	Flexible Piezoelectric-Induced Pressure Sensors for Static Measurements Based on Nanowires/Graphene Heterostructures. ACS Nano, 2017, 11, 4507-4513.	7.3	435
15	Synergistic Effects of Plasmonics and Electron Trapping in Graphene Short-Wave Infrared Photodetectors with Ultrahigh Responsivity. ACS Nano, 2017, 11, 430-437.	7.3	192
16	Nearâ€Infrared Photoresponse of One‣ided Abrupt MAPbI ₃ /TiO ₂ Heterojunction through a Tunneling Process. Advanced Functional Materials, 2016, 26, 8545-8554.	7.8	23
17	Nonstoichiometric acid–base reaction as reliable synthetic route to highly stable CH3NH3PbI3 perovskite film. Nature Communications, 2016, 7, 13503.	5.8	94
18	Facet-Dependent Property of Sequentially Deposited Perovskite Thin Films: Chemical Origin and Self-Annihilation. ACS Applied Materials & amp; Interfaces, 2016, 8, 32366-32375.	4.0	19

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#	Article	IF	CITATIONS
19	Ultrathin efficient perovskite solar cells employing a periodic structure of a composite hole conductor for elevated plasmonic light harvesting and hole collection. Nanoscale, 2016, 8, 6290-6299.	2.8	69
20	Solution-processed PCDTBT capped low-voltage InGaZnOx thin film phototransistors for visible-light detection. Applied Physics Letters, 2015, 106, .	1.5	34
21	Hybrid Halide Perovskite Solar Cell Precursors: Colloidal Chemistry and Coordination Engineering behind Device Processing for High Efficiency. Journal of the American Chemical Society, 2015, 137, 4460-4468.	6.6	586