

Youzhen Li

List of Publications by Year in descending order

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19
papers

691
citations

759055

12
h-index

839398

18
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19
times ranked

1490
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-Induced Degradation of CH ₃ NH ₃ PbI ₃ Hybrid Perovskite Thin Film. <i>Journal of Physical Chemistry C</i> , 2017, 121, 3904-3910.	1.5	265
2	Degradation by Exposure of Coevaporated CH ₃ NH ₃ PbI ₃ Thin Films. <i>Journal of Physical Chemistry C</i> , 2015, 119, 23996-24002.	1.5	112
3	Air-Induced High-Quality CH ₃ NH ₃ PbI ₃ Thin Film for Efficient Planar Heterojunction Perovskite Solar Cells. <i>Journal of Physical Chemistry C</i> , 2017, 121, 6575-6580.	1.5	47
4	Investigation on thermal evaporated CH ₃ NH ₃ PbI ₃ thin films. <i>AIP Advances</i> , 2015, 5, .	0.6	42
5	A homogeneous p-n junction diode by selective doping of few layer MoSe ₂ using ultraviolet ozone for high-performance photovoltaic devices. <i>Nanoscale</i> , 2019, 11, 13469-13476.	2.8	41
6	Degradation of co-evaporated perovskite thin film in air. <i>Chemical Physics Letters</i> , 2016, 649, 151-155.	1.2	39
7	PbI ₂ -MoS ₂ Heterojunction: van der Waals Epitaxial Growth and Energy Band Alignment. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4203-4208.	2.1	25
8	Analysis of light-induced degradation in inverted perovskite solar cells under short-circuited conditions. <i>Organic Electronics</i> , 2019, 71, 123-130.	1.4	22
9	Vapor-deposited all inorganic CsPbBr ₃ thin films and interface modification with C8-BTBT for high performance photodetector. <i>Results in Physics</i> , 2020, 17, 103087.	2.0	21
10	Type-II Interface Band Alignment in the vdW PbI ₂ -MoSe ₂ Heterostructure. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32099-32105.	4.0	20
11	Initial photochemical stability in perovskite solar cells based on the Cu electrode and the appropriate charge transport layers. <i>Synthetic Metals</i> , 2018, 246, 101-107.	2.1	18
12	Light-induced degradation and self-healing inside CH ₃ NH ₃ PbI ₃ -based solar cells. <i>Applied Physics Letters</i> , 2020, 116, .	1.5	12
13	Energy Efficiency Optimization of Massive MIMO System with Uplink Multi-Cell Based on Imperfect CSI with Power Control. <i>Symmetry</i> , 2022, 14, 780.	1.1	8
14	Can Vacuum Deposition Apply to Bismuth-Doped Bi ³⁺ -CsPbI ₃ Perovskite? Revealing the Role of Bi ³⁺ in the Formation of Black Phase. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6927-6933.	2.1	5
15	Degradation of Co-Evaporated Perovskite Thin Films. <i>MRS Advances</i> , 2016, 1, 923-929.	0.5	4
16	Modification of an ultrathin C ₆₀ interlayer on the electronic structure and molecular packing of C8-BTBT on HOPG. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 25264-25271.	1.3	4
17	Improved moisture resistance and interfacial recombination of perovskite solar cells by doping oleylamine in spiro-OMeTAD based hole-transport layer. <i>Applied Physics Letters</i> , 2022, 120, .	1.5	4
18	Substrate-dependent Growth of CH ₃ NH ₃ PbI ₃ Films Deposited by Vacuum Evaporation. <i>Journal of Physics: Conference Series</i> , 2020, 1637, 012080.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Surface Analytical Investigation on Organometal Triiodide Perovskite. Materials Research Society Symposia Proceedings, 2016, 1735, 151.	0.1	0