

Qiang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,330
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1745
citing authors

#	ARTICLE	IF	CITATIONS
1	Ordered Element Distributed C_{3N} Quantum Dots Manipulated Crystallization Kinetics for 2D $CsPbI_3$ Solar Cells with Ultra-High Performance. <i>Small</i> , 2022, 18, e2108090.	10.0	5
2	Cesium Lead Halide Nanocrystals based Flexible X-Ray Imaging Screen and Visible Dose Rate Indication on Paper Substrate. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	39
3	Low-Trap-Density $CsPbX_3$ Film for High-Efficiency Indoor Photovoltaics. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 11528-11537.	8.0	13
4	Halide Perovskite, a Potential Scintillator for X-Ray Detection. <i>Small Methods</i> , 2020, 4, 2000506.	8.6	160
5	Unveiling the Effects of Intrinsic and Extrinsic Factors That Induced a Phase Transition for $CsPbI_3$. <i>ACS Applied Energy Materials</i> , 2020, 3, 8184-8189.	5.1	9
6	Application of perovskite nanocrystals (NCs)/quantum dots (QDs) in solar cells. <i>Nano Energy</i> , 2020, 73, 104757.	16.0	77
7	Light Management via Tuning the Fluorine-Doped Tin Oxide Glass Haze Drives High-Efficiency $CsPbI_3$ Solar Cells. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1900602.	1.8	5
8	Cesium Lead Mixed-Halide Perovskites for Low-Energy Loss Solar Cells with Efficiency Beyond 17%. <i>Chemistry of Materials</i> , 2019, 31, 6231-6238.	6.7	76
9	Policy implication of nuclear energy's potential for energy optimization and CO2 mitigation: A case study of Fujian, China. <i>Nuclear Engineering and Technology</i> , 2019, 51, 1154-1162.	2.3	25
10	Chlorine doping for black Γ^3 - $CsPbI_3$ solar cells with stabilized efficiency beyond 16%. <i>Nano Energy</i> , 2019, 58, 175-182.	16.0	170
11	Nitrogen-doped graphene quantum dots for 80% photoluminescence quantum yield for inorganic Γ^3 - $CsPbI_3$ perovskite solar cells with efficiency beyond 16%. <i>Journal of Materials Chemistry A</i> , 2019, 7, 5740-5747.	10.3	113
12	Optical Management with Nanoparticles for a Light Conversion Efficiency Enhancement in Inorganic Γ^3 - $CsPbI_3$ Solar Cells. <i>Nano Letters</i> , 2019, 19, 1796-1804.	9.1	58
13	Pseudohalide (SCN^{\sim})-doped $CsPbI_3$ for high-performance solar cells. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13736-13742.	5.5	53
14	All-Ambient Processed Binary $CsPbBr_3$ \leftrightarrow $CsPb_2Br_5$ Perovskites with Synergistic Enhancement for High-Efficiency $CsPbBr_3$ -Based Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7145-7154.	8.0	171
15	Interstitial Mn^{2+} -Driven High-Aspect-Ratio Grain Growth for Low-Trap-Density Microcrystalline Films for Record Efficiency $CsPbI_2Br$ Solar Cells. <i>ACS Energy Letters</i> , 2018, 3, 970-978.	17.4	356