

# Huanping Zhou

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

128 papers	21,990 citations	54 h-index	138 g-index
138 ext. papers	24,907 ext. citations	15.6 avg, IF	6.96 L-index

#	Paper	IF	Citations
128	Photovoltaics. Interface engineering of highly efficient perovskite solar cells. <i>Science</i> , <b>2014</b> , 345, 542-6	33.3	5272
127	Planar heterojunction perovskite solar cells via vapor-assisted solution process. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 622-5	16.4	1921
126	Improved air stability of perovskite solar cells via solution-processed metal oxide transport layers. <i>Nature Nanotechnology</i> , <b>2016</b> , 11, 75-81	28.7	1614
125	Low-temperature solution-processed perovskite solar cells with high efficiency and flexibility. <i>ACS Nano</i> , <b>2014</b> , 8, 1674-80	16.7	1216
124	Controllable self-induced passivation of hybrid lead iodide perovskites toward high performance solar cells. <i>Nano Letters</i> , <b>2014</b> , 14, 4158-63	11.5	1143
123	Under the spotlight: The organic-inorganic hybrid halide perovskite for optoelectronic applications. <i>Nano Today</i> , <b>2015</b> , 10, 355-396	17.9	700
122	Moisture assisted perovskite film growth for high performance solar cells. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 183902	3.4	598
121	A Eu-Eu ion redox shuttle imparts operational durability to Pb-I perovskite solar cells. <i>Science</i> , <b>2019</b> , 363, 265-270	33.3	533
120	Cation and anion immobilization through chemical bonding enhancement with fluorides for stable halide perovskite solar cells. <i>Nature Energy</i> , <b>2019</b> , 4, 408-415	62.3	511
119	Guanidinium: A Route to Enhanced Carrier Lifetime and Open-Circuit Voltage in Hybrid Perovskite Solar Cells. <i>Nano Letters</i> , <b>2016</b> , 16, 1009-16	11.5	400
118	Hole selective NiO contact for efficient perovskite solar cells with carbon electrode. <i>Nano Letters</i> , <b>2015</b> , 15, 2402-8	11.5	357
117	Interfacial Degradation of Planar Lead Halide Perovskite Solar Cells. <i>ACS Nano</i> , <b>2016</b> , 10, 218-24	16.7	357
116	The optoelectronic role of chlorine in CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> (Cl)-based perovskite solar cells. <i>Nature Communications</i> , <b>2015</b> , 6, 7269	17.4	354
115	Perovskite solar cells: film formation and properties. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 9032-9050	3.3	327
114	Strain engineering in perovskite solar cells and its impacts on carrier dynamics. <i>Nature Communications</i> , <b>2019</b> , 10, 815	17.4	286
113	The identification and characterization of defect states in hybrid organic-inorganic perovskite photovoltaics. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 112-6	3.6	285
112	Chemical Reduction of Intrinsic Defects in Thicker Heterojunction Planar Perovskite Solar Cells. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606774	24	267

111	CZTS nanocrystals: a promising approach for next generation thin film photovoltaics. <i>Energy and Environmental Science</i> , <b>2013</b> , 6, 2822	35.4	260
110	Impact of H <sub>2</sub> O on organic/inorganic hybrid perovskite solar cells. <i>Energy and Environmental Science</i> , <b>2017</b> , 10, 2284-2311	35.4	248
109	Exploration of Crystallization Kinetics in Quasi Two-Dimensional Perovskite and High Performance Solar Cells. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 459-465	16.4	248
108	The Additive Coordination Effect on Hybrids Perovskite Crystallization and High-Performance Solar Cell. <i>Advanced Materials</i> , <b>2016</b> , 28, 9862-9868	24	235
107	Hybrid Organic-Inorganic Perovskite Photodetectors. <i>Small</i> , <b>2017</b> , 13, 1702107	11	206
106	A dopant-free organic hole transport material for efficient planar heterojunction perovskite solar cells. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 11940-11947	13	182
105	Grain-Boundary "Patches" by In Situ Conversion to Enhance Perovskite Solar Cells Stability. <i>Advanced Materials</i> , <b>2018</b> , 30, e1800544	24	170
104	Nickel oxide nanoparticles for efficient hole transport in p-i-n and n-i-p perovskite solar cells. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 6597-6605	13	159
103	Cost Analysis of Perovskite Tandem Photovoltaics. <i>Joule</i> , <b>2018</b> , 2, 1559-1572	27.8	150
102	Towards commercialization: the operational stability of perovskite solar cells. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 8235-8286	58.5	143
101	Multilayer Transparent Top Electrode for Solution Processed Perovskite/Cu(In,Ga)(Se,S) <sub>2</sub> Four Terminal Tandem Solar Cells. <i>ACS Nano</i> , <b>2015</b> , 9, 7714-21	16.7	139
100	50% Sn-Based Planar Perovskite Solar Cell with Power Conversion Efficiency up to 13.6%. <i>Advanced Energy Materials</i> , <b>2016</b> , 6, 1601353	21.8	128
99	Manipulation of facet orientation in hybrid perovskite polycrystalline films by cation cascade. <i>Nature Communications</i> , <b>2018</b> , 9, 2793	17.4	127
98	Rational defect passivation of Cu <sub>2</sub> ZnSn(S,Se) <sub>4</sub> photovoltaics with solution-processed Cu <sub>2</sub> ZnSnS <sub>4</sub> :Na nanocrystals. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 15998-6001	16.4	127
97	Perovskite/polymer monolithic hybrid tandem solar cells utilizing a low-temperature, full solution process. <i>Materials Horizons</i> , <b>2015</b> , 2, 203-211	14.4	127
96	Interfacial Residual Stress Relaxation in Perovskite Solar Cells with Improved Stability. <i>Advanced Materials</i> , <b>2019</b> , 31, e1904408	24	126
95	Impacts of alkaline on the defects property and crystallization kinetics in perovskite solar cells. <i>Nature Communications</i> , <b>2019</b> , 10, 1112	17.4	124
94	The Progress of Interface Design in Perovskite-Based Solar Cells. <i>Advanced Energy Materials</i> , <b>2016</b> , 6, 1600460	21.8	121

93	The intrinsic properties of FA(1-x)MAxPbI3 perovskite single crystals. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 8537-8544	13	110
92	Improving the TiO2 electron transport layer in perovskite solar cells using acetylacetonate-based additives. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 9108-9115	13	94
91	Enhanced physical properties of pulsed laser deposited NiO films via annealing and lithium doping for improving perovskite solar cell efficiency. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 7084-7094	7.1	92
90	Efficiency Enhancement of Cu2ZnSn(S,Se)4 Solar Cells via Alkali Metals Doping. <i>Advanced Energy Materials</i> , <b>2016</b> , 6, 1502386	21.8	91
89	Low-Temperature TiOx Compact Layer for Planar Heterojunction Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 11076-83	9.5	91
88	CsI Pre-Intercalation in the Inorganic Framework for Efficient and Stable FA Cs PbI (Cl) Perovskite Solar Cells. <i>Small</i> , <b>2017</b> , 13, 1700484	11	88
87	Congeneric Incorporation of CsPbBr3 Nanocrystals in a Hybrid Perovskite Heterojunction for Photovoltaic Efficiency Enhancement. <i>ACS Energy Letters</i> , <b>2018</b> , 3, 30-38	20.1	86
86	Working Mechanism for Flexible Perovskite Solar Cells with Simplified Architecture. <i>Nano Letters</i> , <b>2015</b> , 15, 6514-20	11.5	82
85	Self-Elimination of Intrinsic Defects Improves the Low-Temperature Performance of Perovskite Photovoltaics. <i>Joule</i> , <b>2020</b> , 4, 1961-1976	27.8	82
84	Microscopic Degradation in Formamidinium-Cesium Lead Iodide Perovskite Solar Cells under Operational Stressors. <i>Joule</i> , <b>2020</b> , 4, 1743-1758	27.8	70
83	An in situ cross-linked 1D/3D perovskite heterostructure improves the stability of hybrid perovskite solar cells for over 3000 h operation. <i>Energy and Environmental Science</i> , <b>2020</b> , 13, 4344-4352	35.4	68
82	Locally collective hydrogen bonding isolates lead octahedra for white emission improvement. <i>Nature Communications</i> , <b>2019</b> , 10, 5190	17.4	67
81	Solution processed inorganic V2O x as interfacial function materials for inverted planar-heterojunction perovskite solar cells with enhanced efficiency. <i>Nano Research</i> , <b>2016</b> , 9, 2960-2971 <sup>10</sup>		66
80	Effect of High Dipole Moment Cation on Layered 2D Organic-Inorganic Halide Perovskite Solar Cells. <i>Advanced Energy Materials</i> , <b>2018</b> , 9, 1803024	21.8	65
79	A Thermodynamically Favored Crystal Orientation in Mixed Formamidinium/Methylammonium Perovskite for Efficient Solar Cells. <i>Advanced Materials</i> , <b>2019</b> , 31, e1900390	24	62
78	1000 h Operational Lifetime Perovskite Solar Cells by Ambient Melting Encapsulation. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 1902472	21.8	60
77	Liquid medium annealing for fabricating durable perovskite solar cells with improved reproducibility. <i>Science</i> , <b>2021</b> , 373, 561-567	33.3	60
76	The Spacer Cations Interplay for Efficient and Stable Layered 2D Perovskite Solar Cells. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 1901566	21.8	57

75	Monolithic perovskite/Si tandem solar cells exceeding 22% efficiency via optimizing top cell absorber. <i>Nano Energy</i> , <b>2018</b> , 53, 798-807	17.1	56
74	Toward Full Solution Processed Perovskite/Si Monolithic Tandem Solar Device With PCE Exceeding 20%. <i>Solar Rrl</i> , <b>2017</b> , 1, 1700149	7.1	54
73	Tailored Au@TiO <sub>2</sub> nanostructures for the plasmonic effect in planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 12034-12042	13	51
72	High-Performance Fused Ring Electron Acceptor-Perovskite Hybrid. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 14938-14944	16.4	51
71	Low-temperature-processed inorganic perovskite solar cells via solvent engineering with enhanced mass transport. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 23602-23609	13	49
70	Benign Solutions and Innovative Sequential Annealing Processes for High Performance Cu <sub>2</sub> ZnSn(Se,S) <sub>4</sub> Photovoltaics. <i>Advanced Energy Materials</i> , <b>2014</b> , 4, 1301287	21.8	48
69	To probe the performance of perovskite memory devices: defects property and hysteresis. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 5810-5817	7.1	46
68	Precise Composition Tailoring of Mixed-Cation Hybrid Perovskites for Efficient Solar Cells by Mixture Design Methods. <i>ACS Nano</i> , <b>2017</b> , 11, 8804-8813	16.7	44
67	Defects chemistry in high-efficiency and stable perovskite solar cells. <i>Journal of Applied Physics</i> , <b>2020</b> , 128, 060903	2.5	43
66	Unraveling the Growth of Hierarchical Quasi-2D/3D Perovskite and Carrier Dynamics. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 1124-1132	6.4	41
65	Large-area, high-quality organic/inorganic hybrid perovskite thin films via a controlled vapor/solid reaction. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 9124-9132	13	39
64	Ligand engineering on CdTe quantum dots in perovskite solar cells for suppressed hysteresis. <i>Nano Energy</i> , <b>2018</b> , 46, 45-53	17.1	38
63	The Exploration of Carrier Behavior in the Inverted Mixed Perovskite Single-Crystal Solar Cells. <i>Advanced Materials Interfaces</i> , <b>2018</b> , 5, 1800224	4.6	38
62	A low temperature processed fused-ring electron transport material for efficient planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 24820-24825	13	36
61	Recent Advances in Improving Phase Stability of Perovskite Solar Cells. <i>Small Methods</i> , <b>2020</b> , 4, 1900877	12.8	35
60	Extremely low trap-state energy level perovskite solar cells passivated using NH <sub>2</sub> -POSS with improved efficiency and stability. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 6806-6814	13	34
59	Vapor-assisted solution process for perovskite materials and solar cells. <i>MRS Bulletin</i> , <b>2015</b> , 40, 667-673	3.2	32
58	High-Mobility p-Type Organic Semiconducting Interlayer Enhancing Efficiency and Stability of Perovskite Solar Cells. <i>Advanced Science</i> , <b>2017</b> , 4, 1700025	13.6	29

57	Understanding the Defect Properties of Quasi-2D Halide Perovskites for Photovoltaic Applications. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 3521-3528	6.4	29
56	Synergistic Effects of Eu-MOF on Perovskite Solar Cells with Improved Stability. <i>Advanced Materials</i> , <b>2021</b> , 33, e2102947	24	29
55	Temporal and spatial pinhole constraints in small-molecule hole transport layers for stable and efficient perovskite photovoltaics. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 7338-7346	13	28
54	Facet-Dependent Control of PbI <sub>2</sub> Colloids for over 20% Efficient Perovskite Solar Cells. <i>ACS Energy Letters</i> , <b>2019</b> , 4, 358-367	20.1	27
53	Facile single-component precursor for Cu <sub>2</sub> ZnSnS <sub>4</sub> with enhanced phase and composition controllability. <i>Energy and Environmental Science</i> , <b>2014</b> , 7, 998	35.4	25
52	Silver nanowires with semiconducting ligands for low-temperature transparent conductors. <i>Nano Research</i> , <b>2016</b> , 9, 392-400	10	25
51	Promoting Energy Transfer via Manipulation of Crystallization Kinetics of Quasi-2D Perovskites for Efficient Green Light-Emitting Diodes. <i>Advanced Materials</i> , <b>2021</b> , 33, e2102246	24	25
50	Recent Development of Organic-Inorganic Perovskite-Based Tandem Solar Cells. <i>Solar Rrl</i> , <b>2017</b> , 1, 1700045	7.5	25
49	Reduction of intrinsic defects in hybrid perovskite films via precursor purification. <i>Chemical Communications</i> , <b>2017</b> , 53, 10548-10551	5.8	24
48	Stacking Effects on Electron-Phonon Coupling in Layered Hybrid Perovskites Microstrain Manipulation. <i>ACS Nano</i> , <b>2020</b> , 14, 5806-5817	16.7	24
47	Probing Phase Distribution in 2D Perovskites for Efficient Device Design. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 3127-3133	9.5	21
46	Energy-Level Modulation in Diboron-Modified SnO <sub>2</sub> for High-Efficiency Perovskite Solar Cells. <i>Solar Rrl</i> , <b>2020</b> , 4, 1900217	7.1	21
45	Doping effects in SnO <sub>2</sub> transport material for high performance planar perovskite solar cells. <i>Journal Physics D: Applied Physics</i> , <b>2018</b> , 51, 394001	3	20
44	The Role of Surface Termination in Halide Perovskites for Efficient Photocatalytic Synthesis. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 12931-12937	16.4	19
43	Cation Diffusion Guides Hybrid Halide Perovskite Crystallization during the Gel Stage. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 5979-5987	16.4	19
42	Rationally Induced Interfacial Dipole in Planar Heterojunction Perovskite Solar Cells for Reduced J <sub>V</sub> Hysteresis. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1800568	21.8	19
41	Photon management for efficient hybrid perovskite solar cells via synergetic localized grating and enhanced fluorescence effect. <i>Nano Energy</i> , <b>2017</b> , 40, 540-549	17.1	18
40	Non-Hydrazine Solutions in Processing CuIn(S,Se) <sub>2</sub> Photovoltaic Devices from Hydrazinium Precursors. <i>Advanced Energy Materials</i> , <b>2013</b> , 3, 328-336	21.8	18

39	Sandwiched electrode buffer for efficient and stable perovskite solar cells with dual back surface fields. <i>Joule</i> , <b>2021</b> , 5, 2148-2163	27.8	18
38	Controlling Solid-Gas Reactions at Nanoscale for Enhanced Thin Film Morphologies and Device Performances in Solution-Processed Cu <sub>2</sub> ZnSn(S,Se) <sub>4</sub> Solar Cells. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 11069-75	16.4	15
37	An amino-substituted perylene diimide polymer for conventional perovskite solar cells. <i>Materials Chemistry Frontiers</i> , <b>2017</b> , 1, 2078-2084	7.8	15
36	Carrier transport composites with suppressed glass-transition for stable planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 14106-14113	13	13
35	Electronic Tunability and Mobility Anisotropy of Quasi-2D Perovskite Single Crystals with Varied Spacer Cations. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 7610-7616	6.4	13
34	Molecular Hinges Stabilize Formamidinium-Based Perovskite Solar Cells with Compressive Strain. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 201193	15.6	13
33	Defect suppression and passivation for perovskite solar cells: from the birth to the lifetime operation. <i>EnergyChem</i> , <b>2020</b> , 2, 100032	36.9	12
32	Integrated Perovskite/Organic Photovoltaics with Ultrahigh Photocurrent and Photoresponse Approaching 1000 nm. <i>Solar Rrl</i> , <b>2020</b> , 4, 2000140	7.1	10
31	An overview of rare earth coupled lead halide perovskite and its application in photovoltaics and light emitting devices. <i>Progress in Materials Science</i> , <b>2021</b> , 120, 100737	42.2	10
30	A-Site Cation Effect on Growth Thermodynamics and Photoconductive Properties in Ultrapure Lead Iodine Perovskite Monocrystalline Wires. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 25985-25994	9.5	9
29	Insights into Large-Scale Fabrication Methods in Perovskite Photovoltaics. <i>Advanced Energy and Sustainability Research</i> , <b>2021</b> , 2, 2000046	1.6	9
28	Interfacial-engineering enhanced performance and stability of ZnO nanowire-based perovskite solar cells. <i>Nanotechnology</i> , <b>2021</b> , 32,	3.4	9
27	Efficient Moisture-Resistant Perovskite Solar Cell With Nanostructure Featuring 3D Amine Motif. <i>Solar Rrl</i> , <b>2018</b> , 2, 1800069	7.1	8
26	Ion migration in halide perovskite solar cells: mechanism, characterization, impact and suppression. <i>Journal of Energy Chemistry</i> , <b>2021</b> ,	12	8
25	Microstructure variations induced by excess PbX or AX within perovskite thin films. <i>Chemical Communications</i> , <b>2017</b> , 53, 12966-12969	5.8	7
24	30% Enhancement of Efficiency in Layered 2D Perovskites Absorbers by Employing Homo-Tandem Structures. <i>Solar Rrl</i> , <b>2019</b> , 3, 1900083	7.1	6
23	Effects of Iodine Doping on Carrier Behavior at the Interface of Perovskite Crystals: Efficiency and Stability. <i>Crystals</i> , <b>2018</b> , 8, 185	2.3	6
22	Solution-Processed TiO <sub>2</sub> Nanoparticles as the Window Layer for CuIn(S,Se) <sub>2</sub> Devices. <i>Advanced Energy Materials</i> , <b>2012</b> , 2, 1368-1374	21.8	6



21	Temperature-Insensitive Efficient Inorganic Perovskite Photovoltaics by Bulk Heterojunctions.. <i>Advanced Materials</i> , <b>2022</b> , e2108357	24	5
20	Mobile Media Promotes Orientation of 2D/3D Hybrid Lead Halide Perovskite for Efficient Solar Cells. <i>ACS Nano</i> , <b>2021</b> , 15, 8350-8362	16.7	5
19	Thermal Management Enables More Efficient and Stable Perovskite Solar Cells. <i>ACS Energy Letters</i> , <b>2021</b> , 6, 3029-3036	20.1	5
18	Strain Modulation for Light-Stable n-i-p Perovskite/Silicon Tandem Solar Cells.. <i>Advanced Materials</i> , <b>2022</b> , e2201315	24	5
17	Avoiding Structural Collapse to Reduce Lead Leakage in Perovskite Photovoltaics.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> ,	16.4	5
16	Progress in flexible perovskite solar cells with improved efficiency. <i>Journal of Semiconductors</i> , <b>2021</b> , 42, 101605	2.3	4
15	A Strategy toward New Low-Dimensional Hybrid Halide Perovskites with Anionic Spacers. <i>Small</i> , <b>2019</b> , 15, e1804152	11	3
14	Cation Diffusion Guides Hybrid Halide Perovskite Crystallization during the Gel Stage. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 6035-6043	3.6	2
13	A general approach for nanoparticle composite transport materials toward efficient perovskite solar cells. <i>Chemical Communications</i> , <b>2017</b> , 53, 11028-11031	5.8	2
12	Method for the Morphology Control and High Performance Solar Cells. <i>Materials and Energy</i> , <b>2018</b> , 199-239		2
11	Integrated Tapping Mode Kelvin Probe Force Microscopy with Photoinduced Force Microscopy for Correlative Chemical and Surface Potential Mapping. <i>Small</i> , <b>2021</b> , 17, e2102495	11	2
10	Improving Heat Transfer Enables Durable Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2200869	21.8	2
9	The Role of Surface Termination in Halide Perovskites for Efficient Photocatalytic Synthesis. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 13031-13037	3.6	1
8	Compositional Engineering for Compact Perovskite Absorber Fabrication Toward Efficient Photovoltaics. <i>IEEE Journal of Photovoltaics</i> , <b>2020</b> , 10, 765-770	3.7	1
7	Interface charge accumulation dynamics in 3D and quasi-2D perovskite solar cells. <i>Journal Physics D: Applied Physics</i> , <b>2021</b> , 54, 014004	3	1
6	Collective and individual impacts of the cascade doping of alkali cations in perovskite single crystals. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 15351-15360	7.1	1
5	Repair Strategies for Perovskite Solar Cells. <i>Chemical Research in Chinese Universities</i> , <b>2021</b> , 37, 1055	2.2	1
4	Spacer Organic Cation Engineering for Quasi Two-dimensional Metal Halide Perovskites and the Optoelectronic Application. <i>Small Structures</i> ,	8.7	1



- 3 Cost Analysis of Perovskite/Cu(In,Ga)Se<sub>2</sub> Tandem Photovoltaic with Module Replacement. *ACS Energy Letters*, 1920-1925 20.1 0
- 2 Phase transformation barrier modulation of CsPbI<sub>3</sub> films via PbI<sub>2</sub> complex for efficient all-inorganic perovskite photovoltaics. *Nano Energy*, **2022**, 99, 107388 17.1 0
- 1 Integrated Tapping Mode Kelvin Probe Force Microscopy with Photoinduced Force Microscopy for Correlative Chemical and Surface Potential Mapping (Small 37/2021). *Small*, **2021**, 17, 2170194 11