

# Yuanyuan Zhou

## List of Publications by Year in descending order

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121  
papers

10,562  
citations

34076

52  
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31818

101  
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127  
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127  
docs citations

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times ranked

10198  
citing authors

#	ARTICLE	IF	CITATIONS
1	Leveraging Hierarchical Chirality in Perovskite(â€inspired) Halides for Transformative Device Applications. <i>Advanced Energy Materials</i> , 2023, 13, .	10.2	9
2	Layered 2D Halide Perovskites beyond the Ruddlesdenâ€Popper Phase: Tailored Interlayer Chemistries for Highâ€Performance Solar Cells. <i>Angewandte Chemie</i> , 2022, 134, e202112022.	1.6	6
3	Layered 2D Halide Perovskites beyond the Ruddlesdenâ€Popper Phase: Tailored Interlayer Chemistries for Highâ€Performance Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	60
4	Atomically Resolved Electrically Active Intragrain Interfaces in Perovskite Semiconductors. <i>Journal of the American Chemical Society</i> , 2022, 144, 1910-1920.	6.6	37
5	Chemo-thermal surface dedoping for high-performance tin perovskite solar cells. <i>Matter</i> , 2022, 5, 683-693.	5.0	97
6	Harnessing chemical functions of ionic liquids for perovskite solar cells. <i>Journal of Energy Chemistry</i> , 2022, 68, 797-810.	7.1	17
7	Critical Role of Organoamines in the Irreversible Degradation of a Metal Halide Perovskite Precursor Colloid: Mechanism and Inhibiting Strategy. <i>ACS Energy Letters</i> , 2022, 7, 481-489.	8.8	26
8	Bridging the Interfacial Contact for Improved Stability and Efficiency of Inverted Perovskite Solar Cells. <i>Small</i> , 2022, 18, e2201694.	5.2	16
9	Antioxidative solution processing yields exceptional Sn(II) stability for sub-1.4 eV bandgap inorganic perovskite solar cells. <i>Journal of Energy Chemistry</i> , 2022, , .	7.1	8
10	Wafer-Scale Photolithography-Pixeled Pb-Free Perovskite X-ray Detectors. <i>ACS Nano</i> , 2022, 16, 10199-10208.	7.3	25
11	Correlations between Electrochemical Ion Migration and Anomalous Device Behaviors in Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2021, 6, 1003-1014.	8.8	39
12	Tin Halide Perovskite Solar Cells: An Emerging Thin-Film Photovoltaic Technology. <i>Accounts of Materials Research</i> , 2021, 2, 210-219.	5.9	147
13	3D structureâ€property correlations of electronic and energy materials by tomographic atomic force microscopy. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	11
14	Interpenetrating interfaces for efficient perovskite solar cells with high operational stability and mechanical robustness. <i>Nature Communications</i> , 2021, 12, 973.	5.8	189
15	In-situ observation of trapped carriers in organic metal halide perovskite films with ultra-fast temporal and ultra-high energetic resolutions. <i>Nature Communications</i> , 2021, 12, 1636.	5.8	11
16	A patterned titania nanorod array enables high fill factor in perovskite solar cells. <i>Journal of Energy Chemistry</i> , 2021, 63, 391-392.	7.1	2
17	High-performance methylammonium-free ideal-band-gap perovskite solar cells. <i>Matter</i> , 2021, 4, 1365-1376.	5.0	51
18	Tailoring quasi-2D perovskite thin films via nanocrystals mediation for enhanced electroluminescence. <i>Chemical Engineering Journal</i> , 2021, 411, 128511.	6.6	12

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19	Advances in cesium lead iodide perovskite solar cells: Processing science matters. <i>Materials Today</i> , 2021, 47, 156-169.	8.3	25
20	Zooming In on Metal Halide Perovskites: New Energy Frontiers Emerge. <i>ACS Energy Letters</i> , 2021, 6, 2750-2754.	8.8	9
21	Machine learning for high-throughput experimental exploration of metal halide perovskites. <i>Joule</i> , 2021, 5, 2797-2822.	11.7	44
22	Perovskite: An inspiring piece of matter. <i>Matter</i> , 2021, 4, 3802-3803.	5.0	0
23	AgBiS <sub>2</sub> as a low-cost and eco-friendly all-inorganic photovoltaic material: nanoscale morphology–property relationship. <i>Nanoscale Advances</i> , 2020, 2, 770-776.	2.2	15
24	<i>In situ</i> transfer of CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> single crystals in mesoporous scaffolds for efficient perovskite solar cells. <i>Chemical Science</i> , 2020, 11, 474-481.	3.7	19
25	Sub-1.4eV bandgap inorganic perovskite solar cells with long-term stability. <i>Nature Communications</i> , 2020, 11, 151.	5.8	92
26	Hybrid organic–inorganic halide perovskites. <i>Journal of Applied Physics</i> , 2020, 128, .	1.1	11
27	Visualizing the Invisible in Perovskites. <i>Joule</i> , 2020, 4, 2545-2548.	11.7	7
28	Perovskite Solar Cells with Enhanced Fill Factors Using Polymer-Capped Solvent Annealing. <i>ACS Applied Energy Materials</i> , 2020, 3, 7231-7238.	2.5	19
29	p–p orbital interaction <i>via</i> magnesium isovalent doping enhances optoelectronic properties of halide perovskites. <i>Chemical Communications</i> , 2020, 56, 15639-15642.	2.2	3
30	Mechanisms of exceptional grain growth and stability in formamidinium lead triiodide thin films for perovskite solar cells. <i>Acta Materialia</i> , 2020, 193, 10-18.	3.8	27
31	Electron-beam-induced cracking in organic-inorganic halide perovskite thin films. <i>Scripta Materialia</i> , 2020, 187, 88-92.	2.6	16
32	Encapsulated X-Ray Detector Enabled by All-Inorganic Lead-Free Perovskite Film With High Sensitivity and Low Detection Limit. <i>IEEE Transactions on Electron Devices</i> , 2020, 67, 3191-3198.	1.6	40
33	Decisive Structural and Functional Characterization of Halide Perovskites with Synchrotron. <i>Matter</i> , 2020, 2, 360-377.	5.0	35
34	Anomalous 3D nanoscale photoconduction in hybrid perovskite semiconductors revealed by tomographic atomic force microscopy. <i>Nature Communications</i> , 2020, 11, 3308.	5.8	53
35	The Synergism of DMSO and Diethyl Ether for Highly Reproducible and Efficient MA <sub>0.5</sub> FA <sub>0.5</sub> PbI <sub>3</sub> Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2020, 10, 2001300.	10.2	33
36	Towards the Next Decade for Perovskite Solar Cells. <i>Solar Rrl</i> , 2020, 4, 1900563.	3.1	6

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37	Facile healing of cracks in organic-inorganic halide perovskite thin films. <i>Acta Materialia</i> , 2020, 187, 112-121.	3.8	51
38	Effect of Grain Size on the Fracture Behavior of Organic-Inorganic Halide Perovskite Thin Films for Solar Cells. <i>Scripta Materialia</i> , 2020, 185, 47-50.	2.6	32
39	Enhanced Thermoelectric Performance in Lead-Free Inorganic CsSn <sub>1-x</sub> Ge <sub>x</sub> Perovskite Semiconductors. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11749-11753.	1.5	45
40	Enhancing Chemical Stability and Suppressing Ion Migration in CH <sub>3</sub> NH <sub>3</sub> Pb <sub>3</sub> Perovskite Solar Cells via Direct Backbone Attachment of Polyesters on Grain Boundaries. <i>Chemistry of Materials</i> , 2020, 32, 5104-5117.	3.2	64
41	Understanding and Engineering Grain Boundaries for High-Performance Halide Perovskite Photovoltaics. , 2020, , .		3
42	A polar-hydrophobic ionic liquid induces grain growth and stabilization in halide perovskites. <i>Chemical Communications</i> , 2019, 55, 11059-11062.	2.2	35
43	Two-Stage Melt Processing of Phase-Pure Selenium for Printable Triple-Mesoscopic Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 33879-33885.	4.0	14
44	Quantum-Dot-Induced Cesium-Rich Surface Imparts Enhanced Stability to Formamidinium Lead Iodide Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2019, 4, 1970-1975.	8.8	82
45	Welcoming the First Decade of Perovskite Solar Cells. <i>Solar Rrl</i> , 2019, 3, 1900325.	3.1	1
46	Direct Characterization of Carrier Diffusion in Halide-Perovskite Thin Films Using Transient Photoluminescence Imaging. <i>ACS Photonics</i> , 2019, 6, 2375-2380.	3.2	19
47	Carrier lifetime enhancement in halide perovskite via remote epitaxy. <i>Nature Communications</i> , 2019, 10, 4145.	5.8	93
48	Comprehensive Elucidation of Ion Transport and Its Relation to Hysteresis in Methylammonium Lead Iodide Perovskite Thin Films. <i>Journal of Physical Chemistry C</i> , 2019, 123, 4029-4034.	1.5	16
49	Lead-free low-dimensional tin halide perovskites with functional organic spacers: breaking the charge-transport bottleneck. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16742-16747.	5.2	24
50	Improved SnO <sub>2</sub> Electron Transport Layers Solution-Deposited at Near Room Temperature for Rigid or Flexible Perovskite Solar Cells with High Efficiencies. <i>Advanced Energy Materials</i> , 2019, 9, 1900834.	10.2	100
51	Fusing Nanowires into Thin Films: Fabrication of Graded-Heterojunction Perovskite Solar Cells with Enhanced Performance. <i>Advanced Energy Materials</i> , 2019, 9, 1900243.	10.2	45
52	The Bloom of Perovskite Optoelectronics: Fundamental Science Matters. <i>ACS Energy Letters</i> , 2019, 4, 861-865.	8.8	24
53	Chemical stability and instability of inorganic halide perovskites. <i>Energy and Environmental Science</i> , 2019, 12, 1495-1511.	15.6	510
54	Effect of Grain Boundaries on Charge Transport in Methylammonium Lead Iodide Perovskite Thin Films. <i>Journal of Physical Chemistry C</i> , 2019, 123, 5321-5325.	1.5	28

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55	Highly stable and efficient all-inorganic lead-free perovskite solar cells with native-oxide passivation. <i>Nature Communications</i> , 2019, 10, 16.	5.8	430
56	Transmission Electron Microscopy of Halide Perovskite Materials and Devices. <i>Joule</i> , 2019, 3, 641-661.	11.7	94
57	Synthetic Approaches for Halide Perovskite Thin Films. <i>Chemical Reviews</i> , 2019, 119, 3193-3295.	23.0	454
58	Lead-Free Dionâ€“Jacobson Tin Halide Perovskites for Photovoltaics. <i>ACS Energy Letters</i> , 2019, 4, 276-277.	8.8	101
59	Frontispiece: Bandgap Optimization of Perovskite Semiconductors for Photovoltaic Applications. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	1
60	Continuous Grain-Boundary Functionalization for High-Efficiency Perovskite Solar Cells with Exceptional Stability. <i>Chem</i> , 2018, 4, 1404-1415.	5.8	165
61	Cesium Titanium(IV) Bromide Thin Films Based Stable Lead-free Perovskite Solar Cells. <i>Joule</i> , 2018, 2, 558-570.	11.7	403
62	Earth-Abundant Nontoxic Titanium(IV)-based Vacancy-Ordered Double Perovskite Halides with Tunable 1.0 to 1.8 eV Bandgaps for Photovoltaic Applications. <i>ACS Energy Letters</i> , 2018, 3, 297-304.	8.8	314
63	Thermo-mechanical behavior of organic-inorganic halide perovskites for solar cells. <i>Scripta Materialia</i> , 2018, 150, 36-41.	2.6	100
64	Exceptional Grain Growth in Formamidinium Lead Iodide Perovskite Thin Films Induced by the $\hat{\Gamma}$ -to- $\hat{\Gamma}$ Phase Transformation. <i>ACS Energy Letters</i> , 2018, 3, 63-64.	8.8	33
65	Bandgap Optimization of Perovskite Semiconductors for Photovoltaic Applications. <i>Chemistry - A European Journal</i> , 2018, 24, 2305-2316.	1.7	103
66	Subgrain Special Boundaries in Halide Perovskite Thin Films Restrict Carrier Diffusion. <i>ACS Energy Letters</i> , 2018, 3, 2669-2670.	8.8	68
67	Building bridges between halide perovskite nanocrystals and thin-film solar cells. <i>Sustainable Energy and Fuels</i> , 2018, 2, 2381-2397.	2.5	37
68	Stable Formamidiniumâ€“Based Perovskite Solar Cells via In Situ Grain Encapsulation. <i>Advanced Energy Materials</i> , 2018, 8, 1800232.	10.2	78
69	Perovskite Solar Cells: Stable Formamidinium-Based Perovskite Solar Cells via In Situ Grain Encapsulation ( <i>Adv. Energy Mater.</i> 22/2018). <i>Advanced Energy Materials</i> , 2018, 8, 1870101.	10.2	1
70	Lewisâ€“Adduct Mediated Grainâ€“Boundary Functionalization for Efficient Idealâ€“Bandgap Perovskite Solar Cells with Superior Stability. <i>Advanced Energy Materials</i> , 2018, 8, 1800997.	10.2	93
71	Zero-Dimensional Organicâ€“Inorganic Perovskite Variant: Transition between Molecular and Solid Crystal. <i>Journal of the American Chemical Society</i> , 2018, 140, 10456-10463.	6.6	79
72	Toward Eco-friendly and Stable Perovskite Materials for Photovoltaics. <i>Joule</i> , 2018, 2, 1231-1241.	11.7	224

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73	Integration of a functionalized graphene nano-network into a planar perovskite absorber for high-efficiency large-area solar cells. <i>Materials Horizons</i> , 2018, 5, 868-873.	6.4	25
74	Methylammonium-Mediated Evolution of Mixed-Organic-Cation Perovskite Thin Films: A Dynamic Composition-Tuning Process. <i>Angewandte Chemie</i> , 2017, 129, 7782-7786.	1.6	12
75	Methylammonium-Mediated Evolution of Mixed-Organic-Cation Perovskite Thin Films: A Dynamic Composition-Tuning Process. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7674-7678.	7.2	59
76	Fabrication of compact and stable perovskite films with optimized precursor composition in the fast-growing procedure. <i>Science China Materials</i> , 2017, 60, 608-616.	3.5	12
77	Ions Matter: Description of the Anomalous Electronic Behavior in Methylammonium Lead Halide Perovskite Devices. <i>Advanced Functional Materials</i> , 2017, 27, 1606584.	7.8	65
78	High-Performance Formamidinium-Based Perovskite Solar Cells via Microstructure-Mediated $\tilde{\Gamma}$ -to- $\tilde{\Gamma}_6$ Phase Transformation. <i>Chemistry of Materials</i> , 2017, 29, 3246-3250.	3.2	99
79	Long Minority-Carrier Diffusion Length and Low Surface-Recombination Velocity in Inorganic Lead-Free CsSnI <sub>3</sub> Perovskite Crystal for Solar Cells. <i>Advanced Functional Materials</i> , 2017, 27, 1604818.	7.8	164
80	Gas-Induced Formation/Transformation of Organic-Inorganic Halide Perovskites. <i>ACS Energy Letters</i> , 2017, 2, 2166-2176.	8.8	51
81	Homogenous Alloys of Formamidinium Lead Triiodide and Cesium Tin Triiodide for Efficient Ideal-Bandgap Perovskite Solar Cells ( <i>Angew. Chem.</i> 41/2017). <i>Angewandte Chemie</i> , 2017, 129, 12966-12966.	1.6	0
82	Homogenous Alloys of Formamidinium Lead Triiodide and Cesium Tin Triiodide for Efficient Ideal-Bandgap Perovskite Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12658-12662.	7.2	69
83	Homogenous Alloys of Formamidinium Lead Triiodide and Cesium Tin Triiodide for Efficient Ideal-Bandgap Perovskite Solar Cells. <i>Angewandte Chemie</i> , 2017, 129, 12832-12836.	1.6	3
84	Simultaneous Evolution of Uniaxially Oriented Grains and Ultralow-Density Grain-Boundary Network in CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Perovskite Thin Films Mediated by Precursor Phase Metastability. <i>ACS Energy Letters</i> , 2017, 2, 2727-2733.	8.8	82
85	Direct Synthesis of Carbon Sheathed Tungsten Oxide Nanoparticles via Self-Assembly Route for High Performance Electrochemical Charge Storage Electrode. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 389-397.	0.9	3
86	Exceptional Morphology-Preserving Evolution of Formamidinium Lead Triiodide Perovskite Thin Films via Organic-Cation Displacement. <i>Journal of the American Chemical Society</i> , 2016, 138, 5535-5538.	6.6	178
87	Observation of phase-retention behavior of the HC(NH <sub>2</sub> ) <sub>2</sub> PbI <sub>3</sub> black perovskite polymorph upon mesoporous TiO <sub>2</sub> scaffolds. <i>Chemical Communications</i> , 2016, 52, 7273-7275.	2.2	50
88	Mapping the Photoresponse of CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Hybrid Perovskite Thin Films at the Nanoscale. <i>Nano Letters</i> , 2016, 16, 3434-3441.	4.5	120
89	Perovskite Solar Cells Shine in the "Valley of the Sun". <i>ACS Energy Letters</i> , 2016, 1, 64-67.	8.8	101
90	Heterojunction-Depleted Lead-Free Perovskite Solar Cells with Coarse-Grained BaF <sub>2</sub> /CsSnI <sub>3</sub> Thin Films. <i>Advanced Energy Materials</i> , 2016, 6, 1601130.	10.2	247

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91	Doping and alloying for improved perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 17623-17635.	5.2	157
92	Thin-Film Transformation of $\text{NH}_4\text{Pb}_3$ to $\text{CH}_3\text{NH}_3\text{Pb}_3$ Perovskite: A Methylamine-Induced Conversion-Healing Process. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14723-14727.	7.2	83
93	Thin-Film Transformation of $\text{NH}_4\text{Pb}_3$ to $\text{CH}_3\text{NH}_3\text{Pb}_3$ Perovskite: A Methylamine-Induced Conversion-Healing Process. <i>Angewandte Chemie</i> , 2016, 128, 14943-14947.	1.6	17
94	Challenges in the ambient Raman spectroscopy characterization of methylammonium lead triiodide perovskite thin films. <i>Frontiers of Optoelectronics</i> , 2016, 9, 81-86.	1.9	27
95	Transformative Evolution of Organolead Triiodide Perovskite Thin Films from Strong Room-Temperature Solid-Gas Interaction between $\text{HPb}_3\text{-CH}_3\text{NH}_2$ Precursor Pair. <i>Journal of the American Chemical Society</i> , 2016, 138, 750-753.	6.6	156
96	Hybrid Perovskite Quantum Nanostructures Synthesized by Electrospray Antisolvent-Solvent Extraction and Intercalation. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 854-861.	4.0	49
97	Manipulating Crystallization of Organolead Mixed-Halide Thin Films in Antisolvent Baths for Wide-Bandgap Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 2232-2237.	4.0	91
98	Intercalation crystallization of phase-pure $\text{HC}(\text{NH}_2)_2\text{Pb}_3$ upon microstructurally engineered $\text{Pb}_2$ thin films for planar perovskite solar cells. <i>Nanoscale</i> , 2016, 8, 6265-6270.	2.8	41
99	Square-Centimeter Solution-Processed Planar $\text{CH}_3\text{NH}_3\text{Pb}_3$ Perovskite Solar Cells with Efficiency Exceeding 15%. <i>Advanced Materials</i> , 2015, 27, 6363-6370.	11.1	311
100	Methylamine-Gas-Induced Defect-Healing Behavior of $\text{CH}_3\text{NH}_3\text{Pb}_3$ Thin Films for Perovskite Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9705-9709.	7.2	377
101	Crystal Morphologies of Organolead Trihalide in Mesoscopic/Planar Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 2292-2297.	2.1	93
102	Ligand-Hole in $[\text{SnI}_6]$ Unit and Origin of Band Gap in Photovoltaic Perovskite Variant $\text{Cs}_2\text{SnI}_6$ . <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 1250-1255.	2.0	130
103	Microstructures of Organometal Trihalide Perovskites for Solar Cells: Their Evolution from Solutions and Characterization. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4827-4839.	2.1	344
104	Growth control of compact $\text{CH}_3\text{NH}_3\text{Pb}_3$ thin films via enhanced solid-state precursor reaction for efficient planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9249-9256.	5.2	128
105	Room-temperature crystallization of hybrid-perovskite thin films via solvent-solvent extraction for high-performance solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 8178-8184.	5.2	385
106	Intrinsic defects in a photovoltaic perovskite variant $\text{Cs}_2\text{SnI}_6$ . <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 18900-18903.	1.3	191
107	Carrier separation and transport in perovskite solar cells studied by nanometre-scale profiling of electrical potential. <i>Nature Communications</i> , 2015, 6, 8397.	5.8	205
108	Additive-Modulated Evolution of $\text{HC}(\text{NH}_2)_2\text{Pb}_3$ Black Polymorph for Mesoscopic Perovskite Solar Cells. <i>Chemistry of Materials</i> , 2015, 27, 7149-7155.	3.2	197

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109	Reproducible One-Step Fabrication of Compact MAPb <sub>3</sub> Cl <sub>x</sub> Thin Films Derived from Mixed-Lead-Halide Precursors. <i>Chemistry of Materials</i> , 2014, 26, 7145-7150.	3.2	81
110	Interconnected carbon-decorated TiO <sub>2</sub> nanocrystals with enhanced lithium storage performance. <i>Electrochemistry Communications</i> , 2014, 40, 54-57.	2.3	7
111	Direct Observation of Ferroelectric Domains in Solution-Processed CH <sub>3</sub> NH <sub>3</sub> Pb <sub>3</sub> Perovskite Thin Films. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3335-3339.	2.1	411
112	One-step, solution-processed formamidinium lead trihalide (FAPb <sub>3</sub> (3 <sup>x</sup> )Cl <sub>x</sub> ) for mesoscopic perovskite-polymer solar cells. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 19206-19211.	1.3	130
113	Vapour-based processing of hole-conductor-free CH <sub>3</sub> NH <sub>3</sub> Pb <sub>3</sub> perovskite/C <sub>60</sub> fullerene planar solar cells. <i>RSC Advances</i> , 2014, 4, 28964-28967.	1.7	127
114	Ordered Mesoporous Carbon-MoO <sub>2</sub> Nanocomposite as High Performance Anode Material in Lithium Ion Batteries. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 257-260.	1.0	9
115	Room temperature one-pot-solution synthesis of nanoscale CsSnI <sub>3</sub> orthorhombic perovskite thin films and particles. <i>Materials Letters</i> , 2013, 110, 127-129.	1.3	58
116	Enhanced charge storage by optimization of pore structure in nanocomposite between ordered mesoporous carbon and nanosized WO <sub>3</sub> . <i>Journal of Power Sources</i> , 2013, 244, 777-782.	4.0	42
117	Ordered Mesoporous Carbon/MoO <sub>2</sub> Nanocomposites as Stable Supercapacitor Electrodes. <i>ECS Electrochemistry Letters</i> , 2012, 1, A17-A20.	1.9	21
118	Crystallinity-Controlled Titanium Oxide-Carbon Nanocomposites with Enhanced Lithium Storage Performance. <i>ChemSusChem</i> , 2012, 5, 2376-2382.	3.6	18
119	Development of novel mesoporous Ca-TiO <sub>2</sub> -SnO <sub>2</sub> nanocomposites and their application to anode materials in lithium ion secondary batteries. <i>Microporous and Mesoporous Materials</i> , 2012, 151, 172-179.	2.2	27
120	A novel mesoporous carbon-silica-titania nanocomposite as a high performance anode material in lithium ion batteries. <i>Chemical Communications</i> , 2011, 47, 4944.	2.2	45
121	Development of an Ordered Mesoporous Carbon/MoO <sub>2</sub> Nanocomposite for High Performance Supercapacitor Electrode. <i>Electrochemical and Solid-State Letters</i> , 2011, 14, A157.	2.2	24