

Michael Saliba

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5659236/michael-saliba-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

136
papers

28,064
citations

63
h-index

153
g-index

153
ext. papers

31,989
ext. citations

17
avg, IF

7.44
L-index

#	Paper	IF	Citations
136	High-Efficiency Solar Cells with Polyelemental, Multicomponent Perovskite Materials 2022 , 233-246		0
135	An open-access database and analysis tool for perovskite solar cells based on the FAIR data principles. <i>Nature Energy</i> , 2022 , 7, 107-115	62.3	26
134	Perovskite Photovoltaics. <i>Springer Handbooks</i> , 2022 , 1267-1303	1.3	
133	Roadmap on organic/inorganic hybrid perovskite semiconductors and devices. <i>APL Materials</i> , 2021 , 9, 109202	5.7	28
132	One-Step Solvent-Free Mechanochemical Incorporation of Insoluble Cesium Salt into Perovskites for Wide Band-Gap Solar Cells. <i>Chemistry of Materials</i> , 2021 , 33, 3971-3979	9.6	1
131	Defect Passivation in Lead-Halide Perovskite Nanocrystals and Thin Films: Toward Efficient LEDs and Solar Cells. <i>Angewandte Chemie</i> , 2021 , 133, 21804-21828	3.6	22
130	In the Quest of Low-Frequency Impedance Spectra of Efficient Perovskite Solar Cells. <i>Energy Technology</i> , 2021 , 9, 2100229	3.5	5
129	Defect Passivation in Lead-Halide Perovskite Nanocrystals and Thin Films: Toward Efficient LEDs and Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 21636-21660	16.4	63
128	Physical Passivation of Grain Boundaries and Defects in Perovskite Solar Cells by an Isolating Thin Polymer. <i>ACS Energy Letters</i> , 2021 , 6, 2626-2634	20.1	21
127	Charge carrier management for developing high-efficiency perovskite solar cells. <i>Matter</i> , 2021 , 4, 1758-1759	17.9	4
126	Emerging perovskite monolayers. <i>Nature Materials</i> , 2021 , 20, 1325-1336	27	31
125	Photoelectrochemical Water-Splitting Using CuO-Based Electrodes for Hydrogen Production: A Review. <i>Advanced Materials</i> , 2021 , 33, e2007285	24	26
124	Experience is more than the sum of its parts. <i>Nature Energy</i> , 2021 , 6, 2-2	62.3	
123	Shaping Perovskites: Crystallization Mechanism of Rapid Thermally Annealed, Prepatterned Perovskite Films. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 6854-6863	9.5	5
122	Defect Passivation of Perovskite Films for Highly Efficient and Stable Solar Cells. <i>Solar Rrl</i> , 2021 , 5, 2100295	29.5	16
121	Zooming In on Metal Halide Perovskites: New Energy Frontiers Emerge. <i>ACS Energy Letters</i> , 2021 , 6, 2750-2752	27.5	2
120	Ionic Liquid Stabilizing High-Efficiency Tin Halide Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2021 , 11, 2101539	21.8	37

119	Top-Down Approach to Study Chemical and Electronic Properties of Perovskite Solar Cells: Sputtered Depth Profiling Versus Tapered Cross-Sectional Photoelectron Spectroscopies. <i>Solar Rrl</i> , 2021 , 5, 2100298	7.1	2
118	Impedance Spectroscopy for Metal Halide Perovskite Single Crystals: Recent Advances, Challenges, and Solutions. <i>ACS Energy Letters</i> , 2021 , 6, 3275-3286	20.1	13
117	Encapsulation Strategies for Highly Stable Perovskite Solar Cells under Severe Stress Testing: Damp Heat, Freezing, and Outdoor Illumination Conditions. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 45455-45464	9.5	9
116	Mechanism of ultrafast energy transfer between the organic-inorganic layers in multiple-ring aromatic spacers for 2D perovskites. <i>Nanoscale</i> , 2021 , 13, 15668-15676	7.7	1
115	Recent Advances in Plasmonic Perovskite Solar Cells. <i>Advanced Science</i> , 2020 , 7, 1902448	13.6	45
114	Tin Halide Perovskite Films Made of Highly Oriented 2D Crystals Enable More Efficient and Stable Lead-free Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2020 , 5, 1923-1929	20.1	61
113	Flash Infrared Pulse Time Control of Perovskite Crystal Nucleation and Growth from Solution. <i>Crystal Growth and Design</i> , 2020 , 20, 670-679	3.5	7
112	Consensus statement for stability assessment and reporting for perovskite photovoltaics based on ISOS procedures. <i>Nature Energy</i> , 2020 , 5, 35-49	62.3	369
111	Photodoping through local charge carrier accumulation in alloyed hybrid perovskites for highly efficient luminescence. <i>Nature Photonics</i> , 2020 , 14, 123-128	33.9	60
110	Highly efficient and rapid manufactured perovskite solar cells via Flash InfraRed Annealing. <i>Materials Today</i> , 2020 , 35, 9-15	21.8	22
109	Bandgap tuning and compositional exchange for lead halide perovskite materials 2020 , 1-22		2
108	Current Density Mismatch in Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2020 , 5, 2886-2888	20.1	59
107	Embedded Nickel-Mesh Transparent Electrodes for Highly Efficient and Mechanically Stable Flexible Perovskite Photovoltaics: Toward a Portable Mobile Energy Source. <i>Advanced Materials</i> , 2020 , 32, e2003422	24	30
106	Negative Capacitance and Inverted Hysteresis: Matching Features in Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 8417-8423	6.4	21
105	Ultrathin polymeric films for interfacial passivation in wide band-gap perovskite solar cells. <i>Scientific Reports</i> , 2020 , 10, 22260	4.9	13
104	Crystal Orientation and Grain Size: Do They Determine Optoelectronic Properties of MAPbI Perovskite?. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 6010-6018	6.4	52
103	PbZrTiO ₃ ferroelectric oxide as an electron extraction material for stable halide perovskite solar cells. <i>Sustainable Energy and Fuels</i> , 2019 , 3, 382-389	5.8	26
102	Cation influence on carrier dynamics in perovskite solar cells. <i>Nano Energy</i> , 2019 , 58, 604-611	17.1	56

101	Bright and fast scintillation of organolead perovskite MAPbBr ₃ at low temperatures. <i>Materials Horizons</i> , 2019 , 6, 1740-1747	14.4	68
100	Energy Selects. <i>ACS Energy Letters</i> , 2019 , 4, 1455-1457	20.1	4
99	Flash infrared annealing as a cost-effective and low environmental impact processing method for planar perovskite solar cells. <i>Materials Today</i> , 2019 , 31, 39-46	21.8	44
98	Highly efficient and stable inverted perovskite solar cells using down-shifting quantum dots as a light management layer and moisture-assisted film growth. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 14753-14760	13	58
97	Polyelemental, Multicomponent Perovskite Semiconductor Libraries through Combinatorial Screening. <i>Advanced Energy Materials</i> , 2019 , 9, 1803754	21.8	58
96	The Bloom of Perovskite Optoelectronics: Fundamental Science Matters. <i>ACS Energy Letters</i> , 2019 , 4, 861-865	20.1	16
95	Dopant-Free Hole-Transporting Polymers for Efficient and Stable Perovskite Solar Cells. <i>Macromolecules</i> , 2019 , 52, 2243-2254	5.5	33
94	A partially-planarised hole-transporting quart-p-phenylene for perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 4332-4335	7.1	5
93	Molecular engineering of enamine-based small organic compounds as hole-transporting materials for perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 2717-2724	7.1	11
92	The impact of energy alignment and interfacial recombination on the internal and external open-circuit voltage of perovskite solar cells. <i>Energy and Environmental Science</i> , 2019 , 12, 2778-2788	35.4	34 ⁸
91	Perovskites for Laser and Detector Applications. <i>Energy and Environmental Materials</i> , 2019 , 2, 146-153	13	23
90	Oxygen Plasma-Induced p-Type Doping Improves Performance and Stability of PbS Quantum Dot Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 26047-26052	9.5	25
89	Tunable green lasing from circular grating distributed feedback based on CH ₃ NH ₃ PbBr ₃ perovskite. <i>Optical Materials Express</i> , 2019 , 9, 2006	2.6	12
88	Perovskite Solar Cell Modeling Using Light- and Voltage-Modulated Techniques. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 6444-6449	3.8	37
87	Energy Spotlight: New Inroads in Metal Halide Perovskite Research. <i>ACS Energy Letters</i> , 2019 , 4, 3036-3038	20.1	3
86	Synergistic Crystal and Interface Engineering for Efficient and Stable Perovskite Photovoltaics. <i>Advanced Energy Materials</i> , 2019 , 9, 1802646	21.8	150
85	Multilayer evaporation of MAFA _{1-x} PbI _{3-x} Cl _x for the fabrication of efficient and large-scale device perovskite solar cells. <i>Journal Physics D: Applied Physics</i> , 2019 , 52, 034005	3	11
84	A chain is as strong as its weakest link Stability study of MAPbI ₃ under light and temperature. <i>Materials Today</i> , 2019 , 29, 10-19	21.8	43

83	Planar Perovskite Solar Cells with High Open-Circuit Voltage Containing a Supramolecular Iron Complex as Hole Transport Material Dopant. <i>ChemPhysChem</i> , 2018 , 19, 1363-1370	3.2	13
82	Carbon Nanoparticles in High-Performance Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2018 , 8, 1702719	21.8	59
81	Perovskite solar cells must come of age. <i>Science</i> , 2018 , 359, 388-389	33.3	111
80	Poly(ethylene glycol)-[60]Fullerene-Based Materials for Perovskite Solar Cells with Improved Moisture Resistance and Reduced Hysteresis. <i>ChemSusChem</i> , 2018 , 11, 1032-1039	8.3	43
79	One-step mechanochemical incorporation of an insoluble cesium additive for high performance planar heterojunction solar cells. <i>Nano Energy</i> , 2018 , 49, 523-528	17.1	70
78	Greener, Nonhalogenated Solvent Systems for Highly Efficient Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2018 , 8, 1800177	21.8	80
77	Effect of Rubidium for Thermal Stability of Triple-cation Perovskite Solar Cells. <i>Chemistry Letters</i> , 2018 , 47, 814-816	1.7	17
76	Perovskit-Solarzellen: atomare Ebene, Schichtqualität und Leistungsfähigkeit der Zellen. <i>Angewandte Chemie</i> , 2018 , 130, 2582-2598	3.6	28
75	Perovskite Solar Cells: From the Atomic Level to Film Quality and Device Performance. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2554-2569	16.4	324
74	Perovskite Solar Cells: From the Laboratory to the Assembly Line. <i>Chemistry - A European Journal</i> , 2018 , 24, 3083-3100	4.8	100
73	Temperature dependent two-photon photoluminescence of CH ₃ NH ₃ PbBr ₃ : structural phase and exciton to free carrier transition. <i>Optical Materials Express</i> , 2018 , 8, 511	2.6	22
72	Blue and red wavelength resolved impedance response of efficient perovskite solar cells. <i>Sustainable Energy and Fuels</i> , 2018 , 2, 2407-2411	5.8	13
71	Surface modification of a hole transporting layer for an efficient perovskite solar cell with an enhanced fill factor and stability. <i>Molecular Systems Design and Engineering</i> , 2018 , 3, 717-722	4.6	23
70	From Exceptional Properties to Stability Challenges of Perovskite Solar Cells. <i>Small</i> , 2018 , 14, e1802385	11	44
69	Measuring Aging Stability of Perovskite Solar Cells. <i>Joule</i> , 2018 , 2, 1019-1024	27.8	83
68	How to Make over 20% Efficient Perovskite Solar Cells in Regular (n-i-p) and Inverted (p-i-n) Architectures. <i>Chemistry of Materials</i> , 2018 , 30, 4193-4201	9.6	339
67	Effect of Cation Composition on the Mechanical Stability of Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2018 , 8, 1702116	21.8	84
66	Enhanced charge carrier mobility and lifetime suppress hysteresis and improve efficiency in planar perovskite solar cells. <i>Energy and Environmental Science</i> , 2018 , 11, 78-86	35.4	202

65	Efficient and Stable Inorganic Perovskite Solar Cells Manufactured by Pulsed Flash Infrared Annealing. <i>Advanced Energy Materials</i> , 2018 , 8, 1802060	21.8	78
64	Methylammonium-free, high-performance, and stable perovskite solar cells on a planar architecture. <i>Science</i> , 2018 , 362, 449-453	33.3	573
63	A full overview of international standards assessing the long-term stability of perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 21794-21808	13	82
62	Elucidation of Charge Recombination and Accumulation Mechanism in Mixed Perovskite Solar Cells. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 15149-15154	3.8	49
61	Understanding the effect of chlorobenzene and isopropanol anti-solvent treatments on the recombination and interfacial charge accumulation in efficient planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 14307-14314	13	81
60	Room-Temperature Formation of Highly Crystalline Multication Perovskites for Efficient, Low-Cost Solar Cells. <i>Advanced Materials</i> , 2017 , 29, 1606258	24	106
59	Migration of cations induces reversible performance losses over day/night cycling in perovskite solar cells. <i>Energy and Environmental Science</i> , 2017 , 10, 604-613	35.4	387
58	High Temperature-Stable Perovskite Solar Cell Based on Low-Cost Carbon Nanotube Hole Contact. <i>Advanced Materials</i> , 2017 , 29, 1606398	24	173
57	Stabilization of the Perovskite Phase of Formamidinium Lead Triiodide by Methylammonium, Cs, and/or Rb Doping. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 1191-1196	6.4	96
56	The rapid evolution of highly efficient perovskite solar cells. <i>Energy and Environmental Science</i> , 2017 , 10, 710-727	35.4	811
55	Mechanosynthesis of pure phase mixed-cation MAxFA _{1-x} PbI ₃ hybrid perovskites: photovoltaic performance and electrochemical properties. <i>Sustainable Energy and Fuels</i> , 2017 , 1, 689-693	5.8	66
54	Nondestructive Probing of Perovskite Silicon Tandem Solar Cells Using Multiwavelength Photoluminescence Mapping. <i>IEEE Journal of Photovoltaics</i> , 2017 , 7, 1081-1086	3.7	21
53	Femtosecond Charge-Injection Dynamics at Hybrid Perovskite Interfaces. <i>ChemPhysChem</i> , 2017 , 18, 2381-2389	3.2	21
52	Spontaneous crystal coalescence enables highly efficient perovskite solar cells. <i>Nano Energy</i> , 2017 , 39, 24-29	17.1	51
51	Methoxydiphenylamine-substituted fluorene derivatives as hole transporting materials: role of molecular interaction on device photovoltaic performance. <i>Scientific Reports</i> , 2017 , 7, 150	4.9	19
50	Monolithic CIGS/Perovskite Tandem Cell for Optimal Light Harvesting without Current Matching. <i>ACS Photonics</i> , 2017 , 4, 861-867	6.3	23
49	Identifying and suppressing interfacial recombination to achieve high open-circuit voltage in perovskite solar cells. <i>Energy and Environmental Science</i> , 2017 , 10, 1207-1212	35.4	242
48	Chemical Distribution of Multiple Cation (Rb ⁺ , Cs ⁺ , MA ⁺ , and FA ⁺) Perovskite Materials by Photoelectron Spectroscopy. <i>Chemistry of Materials</i> , 2017 , 29, 3589-3596	9.6	141

47	Additives, Hole Transporting Materials and Spectroscopic Methods to Characterize the Properties of Perovskite Films. <i>Chimia</i> , 2017 , 71, 754-761	1.3	3
46	Reduction in the Interfacial Trap Density of Mechanochemically Synthesized MAPbI ₃ . <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 28418-28425	9.5	55
45	Globularity-Selected Large Molecules for a New Generation of Multication Perovskites. <i>Advanced Materials</i> , 2017 , 29, 1702005	24	67
44	Perovskite solar cell Electrochemical double layer capacitor interplay. <i>Electrochimica Acta</i> , 2017 , 258, 825-833	6.7	13
43	Promises and challenges of perovskite solar cells. <i>Science</i> , 2017 , 358, 739-744	33.3	1016
42	Interfacial Kinetics of Efficient Perovskite Solar Cells. <i>Crystals</i> , 2017 , 7, 252	2.3	20
41	Additive-Free Transparent Triarylamine-Based Polymeric Hole-Transport Materials for Stable Perovskite Solar Cells. <i>ChemSusChem</i> , 2016 , 9, 2567-2571	8.3	56
40	Highly efficient and stable planar perovskite solar cells by solution-processed tin oxide. <i>Energy and Environmental Science</i> , 2016 , 9, 3128-3134	35.4	603
39	Highly Efficient and Stable Perovskite Solar Cells based on a Low-Cost Carbon Cloth. <i>Advanced Energy Materials</i> , 2016 , 6, 1601116	21.8	91
38	Inverted Current-Voltage Hysteresis in Mixed Perovskite Solar Cells: Polarization, Energy Barriers, and Defect Recombination. <i>Advanced Energy Materials</i> , 2016 , 6, 1600396	21.8	174
37	A molecularly engineered hole-transporting material for efficient perovskite solar cells. <i>Nature Energy</i> , 2016 , 1,	62.3	693
36	Structured Organic-Inorganic Perovskite toward a Distributed Feedback Laser. <i>Advanced Materials</i> , 2016 , 28, 923-9	24	209
35	Enhanced electronic properties in mesoporous TiO ₂ via lithium doping for high-efficiency perovskite solar cells. <i>Nature Communications</i> , 2016 , 7, 10379	17.4	626
34	Cesium-containing triple cation perovskite solar cells: improved stability, reproducibility and high efficiency. <i>Energy and Environmental Science</i> , 2016 , 9, 1989-1997	35.4	374 ^o
33	Ionic polarization-induced current-voltage hysteresis in CH ₃ NH ₃ PbX ₃ perovskite solar cells. <i>Nature Communications</i> , 2016 , 7, 10334	17.4	500
32	Exploration of the compositional space for mixed lead halogen perovskites for high efficiency solar cells. <i>Energy and Environmental Science</i> , 2016 , 9, 1706-1724	35.4	498
31	A mixed-cation lead mixed-halide perovskite absorber for tandem solar cells. <i>Science</i> , 2016 , 351, 151-5	33.3	2024
30	Monolithic perovskite/silicon-heterojunction tandem solar cells processed at low temperature. <i>Energy and Environmental Science</i> , 2016 , 9, 81-88	35.4	469

29	Unbroken Perovskite: Interplay of Morphology, Electro-optical Properties, and Ionic Movement. <i>Advanced Materials</i> , 2016 , 28, 5031-7	24	208
28	Highly Efficient Perovskite Solar Cells Employing an Easily Attainable Bifluorenylidene-Based Hole-Transporting Material. <i>Angewandte Chemie</i> , 2016 , 128, 7590-7594	3.6	28
27	Highly Efficient Perovskite Solar Cells Employing an Easily Attainable Bifluorenylidene-Based Hole-Transporting Material. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 7464-8	16.4	141
26	Optical analysis of CH ₃ NH ₃ Sn Pb I absorbers: a roadmap for perovskite-on-perovskite tandem solar cells. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 11214-11221	13	87
25	Not All That Glitters Is Gold: Metal-Migration-Induced Degradation in Perovskite Solar Cells. <i>ACS Nano</i> , 2016 , 10, 6306-14	16.7	759
24	Towards optical optimization of planar monolithic perovskite/silicon-heterojunction tandem solar cells. <i>Journal of Optics (United Kingdom)</i> , 2016 , 18, 064012	1.7	66
23	Branched methoxydiphenylamine-substituted fluorene derivatives as hole transporting materials for high-performance perovskite solar cells. <i>Energy and Environmental Science</i> , 2016 , 9, 1681-1686	35.4	125
22	Incorporation of rubidium cations into perovskite solar cells improves photovoltaic performance. <i>Science</i> , 2016 , 354, 206-209	33.3	2628
21	Enhancing Efficiency of Perovskite Solar Cells via N-doped Graphene: Crystal Modification and Surface Passivation. <i>Advanced Materials</i> , 2016 , 28, 8681-8686	24	228
20	Ionic Liquid Control Crystal Growth to Enhance Planar Perovskite Solar Cells Efficiency. <i>Advanced Energy Materials</i> , 2016 , 6, 1600767	21.8	165
19	Silolothiophene-linked triphenylamines as stable hole transporting materials for high efficiency perovskite solar cells. <i>Energy and Environmental Science</i> , 2015 , 8, 2946-2953	35.4	145
18	Enhanced Amplified Spontaneous Emission in Perovskites Using a Flexible Cholesteric Liquid Crystal Reflector. <i>Nano Letters</i> , 2015 , 15, 4935-41	11.5	97
17	Charge selective contacts, mobile ions and anomalous hysteresis in organic/inorganic perovskite solar cells. <i>Materials Horizons</i> , 2015 , 2, 315-322	14.4	338
16	Highly efficient planar perovskite solar cells through band alignment engineering. <i>Energy and Environmental Science</i> , 2015 , 8, 2928-2934	35.4	949
15	Plasmonic-Induced Photon Recycling in Metal Halide Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2015 , 25, 5038-5046	15.6	167
14	Working Principles of Perovskite Photodetectors: Analyzing the Interplay Between Photoconductivity and Voltage-Driven Energy-Level Alignment. <i>Advanced Functional Materials</i> , 2015 , 25, 6936-6947	15.6	114
13	Templated microstructural growth of perovskite thin films via colloidal monolayer lithography. <i>Energy and Environmental Science</i> , 2015 , 8, 2041-2047	35.4	94
12	Ultrasoothergic-inorganic perovskite thin-film formation and crystallization for efficient planar heterojunction solar cells. <i>Nature Communications</i> , 2015 , 6, 6142	17.4	695

11	Supramolecular halogen bond passivation of organic-inorganic halide perovskite solar cells. <i>Nano Letters</i> , 2014 , 14, 3247-54	11.5	527
10	Low-temperature processed electron collection layers of graphene/TiO ₂ nanocomposites in thin film perovskite solar cells. <i>Nano Letters</i> , 2014 , 14, 724-30	11.5	917
9	Sub-150 °C processed meso-superstructured perovskite solar cells with enhanced efficiency. <i>Energy and Environmental Science</i> , 2014 , 7, 1142-1147	35.4	511
8	Influence of Thermal Processing Protocol upon the Crystallization and Photovoltaic Performance of Organic/Inorganic Lead Trihalide Perovskites. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 17171-17177	3.8	214
7	Thermally induced structural evolution and performance of mesoporous block copolymer-directed alumina perovskite solar cells. <i>ACS Nano</i> , 2014 , 8, 4730-9	16.7	241
6	Enhancement of perovskite-based solar cells employing core-shell metal nanoparticles. <i>Nano Letters</i> , 2013 , 13, 4505-10	11.5	447
5	Plasmonic activity of large-area gold nanodot arrays on arbitrary substrates. <i>Nano Letters</i> , 2010 , 10, 47-51	11.5	15
4	Transition from isolated to collective modes in plasmonic oligomers. <i>Nano Letters</i> , 2010 , 10, 2721-6	11.5	483
3	In Situ Methylammonium Chloride-Assisted Perovskite Crystallization Strategy for High-Performance Solar Cells	448-456	3
2	Optimization of SnO ₂ electron transport layer for efficient planar perovskite solar cells with very low hysteresis. <i>Materials Advances</i> ,	3-3	2
1	Solution-processed perovskite thin-films: the journey from lab- to large-scale solar cells. <i>Energy and Environmental Science</i> ,	35.4	18