Michael D Mcgehee

List of Publications by Year
in descending order

275 papers	61,293 citations	764 119 h-index	849 244 g-index
285 all docs	285 docs citations	285 times ranked	39536 citing authors

#	Article	IF	Citations
1	Designing Modules to Prevent Reverse Bias Degradation in Perovskite Solar Cells when Partial Shading Occurs. Solar Rrl, 2022, 6, 2100239.	3.1	31
2	Perovskite Photovoltaic Devices with Carbonâ€Based Electrodes Withstanding Reverseâ€Bias Voltages up to â€“9â€‰V and Surpassing IEC 61215:2016 International Standard. Solar Rrl, 2022, 6, 2100527.	3.1	35
3	Consensus statement: Standardized reporting of power-producing luminescent solar concentrator performance. Joule, 2022, 6, 8-15.	11.7	66
4	Countdown to perovskite space launch: Guidelines to performing relevant radiation-hardness experiments. Joule, 2022, 6, 1015-1031.	11.7	42
5	Cross-linkable carbazole-based hole transporting materials for perovskite solar cells. Chemical Communications, 2022, 58, 7495-7498.	2.2	7
6	Carrier control in Snâ€“Pb perovskites via 2D cation engineering for all-perovskite tandem solar cells with improved efficiency and stability. Nature Energy, 2022, 7, 642-651.	19.8	121
7	Transparent, Highâ€Charge Capacity Metal Mesh Electrode for Reversible Metal Electrodeposition Dynamic Windows with Darkâ€State Transmission <0.1%. Advanced Energy Materials, 2022, 12, .	10.2	9
8	Device Performance of Emerging Photovoltaic Materials (Version 1). Advanced Energy Materials, 2021, 11, 2002774.	10.2	93
9	Incorporating Electrochemical Halide Oxidation into Driftâ€Diffusion Models to Explain Performance Losses in Perovskite Solar Cells under Prolonged Reverse Bias. Advanced Energy Materials, 2021, 11, 2002614.	10.2	34
10	Polymer inhibitors enable >900â€‰cm2 dynamic windows based on reversible metal electrodeposition with high solar modulation. Nature Energy, 2021, 6, 546-554.	19.8	79
11	Temperature Coefficients of Perovskite Photovoltaics for Energy Yield Calculations. ACS Energy Letters, 2021, 6, 2038-2047.	8.8	43
12	Investigation of the Selectivity of Carrier Transport Layers in Wideâ€Bandgap Perovskite Solar Cells. Solar Rrl, 2021, 5, 2100107.	3.1	13
13	In-Operando Characterization of P-I-N Perovskite Solar Cells Under Reverse Bias. , 2021, , .		3
14	Compositional heterogeneity in Cs_{<i>y</i>}FA_{1âˆ’<i>y</i>}Pb(Br_{<i>x</i>}I_{1âˆ’<i>x</i>})₃ perovskite films and its impact on phase behavior. Energy and Environmental Science, 2021, 14, 6394-6405.	15.6	20
15	Device Performance of Emerging Photovoltaic Materials (Version 2). Advanced Energy Materials, 2021, 11, .	10.2	66
16	Structural Origins of Light-Induced Phase Segregation in Organic-Inorganic Halide Perovskite Photovoltaic Materials. Matter, 2020, 2, 207-219.	5.0	128
17	Mobile Ion Concentration Measurement and Open-Access Band Diagram Simulation Platform for Halide Perovskite Solar Cells. Joule, 2020, 4, 109-127.	11.7	117
18	Learning from existing photovoltaic technologies to identify alternative perovskite module designs. Energy and Environmental Science, 2020, 13, 3393-3403.	15.6	43

#	ARTICLE	IF	CITATIONS
19	Choose Your Own Adventure: Fabrication of Monolithic Allâ€Perovskite Tandem Photovoltaics. Advanced Materials, 2020, 32, e2003312.	11.1	39
20	Electrolyte for Improved Durability of Dynamic Windows Based on Reversible Metal Electrodeposition. Joule, 2020, 4, 1501-1513.	11.7	52
21	The Molybdenum Oxide Interface Limits the High-Temperature Operational Stability of Unencapsulated Perovskite Solar Cells. ACS Energy Letters, 2020, 5, 2349-2360.	8.8	49
22	Improving Low-Bandgap Tinâ€"Lead Perovskite Solar Cells via Contact Engineering and Gas Quench Processing. ACS Energy Letters, 2020, 5, 1215-1223.	8.8	78
23	Triple-halide wideâ€"band gap perovskites with suppressed phase segregation for efficient tandems. Science, 2020, 367, 1097-1104.	6.0	669
24	Overcoming Redox Reactions at Perovskite-Nickel Oxide Interfaces to Boost Voltages in Perovskite Solar Cells. Joule, 2020, 4, 1759-1775.	11.7	284
25	Interfacing Lowâ€Temperature Atomic Layer Deposited TiO₂ Electron Transport Layers with Metal Electrodes. Advanced Materials Interfaces, 2020, 7, 1902054.	1.9	6
26	CsIâ€Antisolvent Adduct Formation in Allâ€Inorganic Metal Halide Perovskites. Advanced Energy Materials, 2020, 10, 1903365.	10.2	55
27	Consensus statement for stability assessment and reporting for perovskite photovoltaics based on ISOS procedures. Nature Energy, 2020, 5, 35-49.	19.8	797
28	Enhanced Nucleation of Atomic Layer Deposited Contacts Improves Operational Stability of Perovskite Solar Cells in Air. Advanced Energy Materials, 2019, 9, 1902353.	10.2	47
29	Enabling Flexible All-Perovskite Tandem Solar Cells. Joule, 2019, 3, 2193-2204.	11.7	331
30	Solar-driven, highly sustained splitting of seawater into hydrogen and oxygen fuels. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6624-6629.	3.3	524
31	Atomic layer deposition of vanadium oxide to reduce parasitic absorption and improve stability in nâ€"iâ€"p perovskite solar cells for tandems. Sustainable Energy and Fuels, 2019, 3, 1517-1525.	2.5	76
32	Series Resistance Measurements of Perovskite Solar Cells Using <i>J_{sc}</i>â€"<i>V_{oc}</i> Measurements. Solar Rrl, 2019, 3, 1800378.	3.1	61
33	Hybrid dynamic windows using reversible metal electrodeposition and ion insertion. Nature Energy, 2019, 4, 223-229.	19.8	130
34	Stability of Tin-Lead Halide Perovskite Solar Cells. , 2019, , .		0
35	Triple-halide Bandgap Tuning In Top Cells For Perovskite/Si Tandems. , 2019, , .		0
36	Design of low bandgap tinâ€"lead halide perovskite solar cells to achieve thermal, atmospheric and operational stability. Nature Energy, 2019, 4, 939-947.	19.8	235

#	Article	IF	Citations
37	Understanding Degradation Mechanisms and Improving Stability of Perovskite Photovoltaics. Chemical Reviews, 2019, 119, 3418-3451.	23.0	1,131
38	Highly Efficient and Stable Perovskite-Silicon Tandem Solar Cells. , 2019, , .		0
39	Developing a Robust Recombination Contact to Realize Monolithic Perovskite Tandems With Industrially Common p-Type Silicon Solar Cells. IEEE Journal of Photovoltaics, 2018, 8, 1023-1028.	1.5	27
40	Compositional Engineering for Efficient Wide Band Gap Perovskites with Improved Stability to Photoinduced Phase Segregation. ACS Energy Letters, 2018, 3, 428-435.	8.8	344
41	Terahertz Emission from Hybrid Perovskites Driven by Ultrafast Charge Separation and Strong Electronâ€“Phonon Coupling. Advanced Materials, 2018, 30, 1704737.	11.1	86
42	Thermal Stability of Mixed Cation Metal Halide Perovskites in Air. ACS Applied Materials & Interfaces, 2018, 10, 5485-5491.	4.0	123
43	Controlling Thin-Film Stress and Wrinkling during Perovskite Film Formation. ACS Energy Letters, 2018, 3, 1225-1232.	8.8	148
44	Terahertz Emission: Terahertz Emission from Hybrid Perovskites Driven by Ultrafast Charge Separation and Strong Electronâ€“Phonon Coupling (Adv. Mater. 11/2018). Advanced Materials, 2018, 30, 1870079.	11.1	2
45	Design and understanding of encapsulated perovskite solar cells to withstand temperature cycling. Energy and Environmental Science, 2018, 11, 144-150.	15.6	314
46	Effect of Cation Composition on the Mechanical Stability of Perovskite Solar Cells. Advanced Energy Materials, 2018, 8, 1702116.	10.2	130
47	Reverse Bias Behavior of Halide Perovskite Solar Cells. Advanced Energy Materials, 2018, 8, 1702365.	10.2	127
48	Bistable Black Electrochromic Windows Based on the Reversible Metal Electrodeposition of Bi and Cu. ACS Energy Letters, 2018, 3, 104-111.	8.8	91
49	Current-matching in two-terminal perovskite/silicon tandems employing wide-bandgap perovskites and varying light-management schemes. , 2018, , .		4
50	Optical and Compositional Engineering of Wide Band Gap Perovskites with Improved Stability to Photoinduced Phase Segregation for Efficient Monolithic Perovskite/Silicon Tandem Solar Cells. , 2018, , .		0
51	Damp Heat, Temperature Cycling and UV Stress Testing of Encapsulated Perovskite Photovoltaic Cells. , 2018, , .		7
52	Compositional engineering of tin-lead halide perovskites for efficient and stable low band gap solar cells. , 2018, , .		7
53	Impact of Surfaces on Photoinduced Halide Segregation in Mixed-Halide Perovskites. ACS Energy Letters, 2018, 3, 2694-2700.	8.8	184
54	Factors that Determine the Length Scale for Uniform Tinting in Dynamic Windows Based on Reversible Metal Electrodeposition. ACS Energy Letters, 2018, 3, 2823-2828.	8.8	50

#	Article	IF	Citations
55	In Situ Measurement of Electric-Field Screening in Hysteresis-Free PTAA/FA_{0.83}Cs_{0.17}Pb(I_{0.83}Br_{0.17})₃/C60 Perovskite Solar Cells Gives an Ion Mobility of âˆ¼3 Ã— 10^{â€“7} cm²/(V s), 2 Orders of Magnitude Faster than Reported for Metal-Oxide-Contacted Perovskite Cells with Hysteresis. Journal of the American Chemical Society, 2018, 140, 12775-12784.	6.6	47
56	Challenges for commercializing perovskite solar cells. Science, 2018, 361, .	6.0	1,327
57	Engineering Stress in Perovskite Solar Cells to Improve Stability. Advanced Energy Materials, 2018, 8, 1802139.	10.2	271
58	Barrier Design to Prevent Metal-Induced Degradation and Improve Thermal Stability in Perovskite Solar Cells. ACS Energy Letters, 2018, 3, 1772-1778.	8.8	182
59	Interfacial Effects of Tin Oxide Atomic Layer Deposition in Metal Halide Perovskite Photovoltaics. Advanced Energy Materials, 2018, 8, 1800591.	10.2	62
60	Encapsulating perovskite solar cells to withstand damp heat and thermal cycling. Sustainable Energy and Fuels, 2018, 2, 2398-2406.	2.5	231
61	Tinâ€“lead halide perovskites with improved thermal and air stability for efficient all-perovskite tandem solar cells. Sustainable Energy and Fuels, 2018, 2, 2450-2459.	2.5	167
62	Atomic Layer Deposited TiO 2 â€“IrO x Alloy as a Hole Transport Material for Perovskite Solar Cells. Advanced Materials Interfaces, 2018, 5, 1800191.	1.9	15
63	Opportunities and challenges for tandem solar cells using metal halide perovskite semiconductors. Nature Energy, 2018, 3, 828-838.	19.8	716
64	Transformation from crystalline precursor to perovskite in PbCl2-derived MAPbI3. Nature Communications, 2018, 9, 3458.	5.8	77
65	Minimizing Current and Voltage Losses to Reach 25% Efficient Monolithic Two-Terminal Perovskiteâ€“Silicon Tandem Solar Cells. ACS Energy Letters, 2018, 3, 2173-2180.	8.8	194
66	Optical modeling of wide-bandgap perovskite and perovskite/silicon tandem solar cells using complex refractive indices for arbitrary-bandgap perovskite absorbers. Optics Express, 2018, 26, 27441.	1.7	102
67	Openâ€Circuit Voltage in Organic Solar Cells: The Impacts of Donor Semicrystallinity and Coexistence of Multiple Interfacial Chargeâ€Transfer Bands. Advanced Energy Materials, 2017, 7, 1601995.	10.2	35
68	23.6%-efficient monolithic perovskite/silicon tandem solar cells with improved stability. Nature Energy, 2017, 2, .	19.8	1,204
69	Towards enabling stable lead halide perovskite solar cells; interplay between structural, environmental, and thermal stability. Journal of Materials Chemistry A, 2017, 5, 11483-11500.	5.2	319
70	Progress in Understanding Degradation Mechanisms and Improving Stability in Organic Photovoltaics. Advanced Materials, 2017, 29, 1603940.	11.1	319
71	Assessing the stability of high performance solution processed small molecule solar cells. Solar Energy Materials and Solar Cells, 2017, 161, 368-376.	3.0	31
72	Interpretation of inverted photocurrent transients in organic lead halide perovskite solar cells: proof of the field screening by mobile ions and determination of the space charge layer widths. Energy and Environmental Science, 2017, 10, 192-204.	15.6	150

#	ARTICLE	IF	CITATIONS
73	The Potential of Multijunction Perovskite Solar Cells. ACS Energy Letters, 2017, 2, 2506-2513.	8.8	272
74	Mechanism of Tin Oxidation and Stabilization by Lead Substitution in Tin Halide Perovskites. ACS Energy Letters, 2017, 2, 2159-2165.	8.8	351
75	Dynamic Windows with Neutral Color, High Contrast, and Excellent Durability Using Reversible Metal Electrodeposition. Joule, 2017, 1, 133-145.	11.7	177
76	Macroscopic Structural Compositions of Ï€-Conjugated Polymers: Combined Insights from Solid-State NMR and Molecular Dynamics Simulations. Journal of Physical Chemistry Letters, 2017, 8, 4155-4160.	2.1	31
77	Band Gap Tuning via Lattice Contraction and Octahedral Tilting in Perovskite Materials for Photovoltaics. Journal of the American Chemical Society, 2017, 139, 11117-11124.	6.6	570
78	Improved light management in planar silicon and perovskite solar cells using PDMS scattering layer. Solar Energy Materials and Solar Cells, 2017, 173, 59-65.	3.0	82
79	Timeâ€and Temperatureâ€Independent Local Carrier Mobility and Effects of Regioregularity in Polymerâ€Fullerene Organic Semiconductors. Advanced Electronic Materials, 2016, 2, 1500351.	2.6	23
80	Thermal and environmental stability of semi-transparent perovskite solar cells for tandems by a solution-processed nanoparticle buffer layer and sputtered ITO electrode. , 2016, , .		2
81	Fully inorganic cesium lead halide perovskites with improved stability for tandem solar cells. , 2016, , .		4
82	Cross-linkable styrene-functionalized fullerenes as electron-selective contacts for robust and efficient perovskite solar cells. , 2016, , .		0
83	Cross-Linkable, Solvent-Resistant Fullerene Contacts for Robust and Efficient Perovskite Solar Cells with Increased <i>J</i>_{SC} and <i>V</i>_{OC}. ACS Applied Materials & Interfaces, 2016, 8, 25896-25904.	4.0	45
84	Tradeâ€Off between Trap Filling, Trap Creation, and Charge Recombination Results in Performance Increase at Ultralow Doping Levels in Bulk Heterojunction Solar Cells. Advanced Energy Materials, 2016, 6, 1601149.	10.2	45
85	The Roles of Structural Order and Intermolecular Interactions in Determining Ionization Energies and Chargeâ€Transfer State Energies in Organic Semiconductors. Advanced Energy Materials, 2016, 6, 1601211.	10.2	45
86	Minimal Effect of the Hole-Transport Material Ionization Potential on the Open-Circuit Voltage of Perovskite Solar Cells. ACS Energy Letters, 2016, 1, 556-560.	8.8	115
87	Small Molecule Anchored to Mesoporous ITO for High-Contrast Black Electrochromics. Journal of Physical Chemistry C, 2016, 120, 26336-26341.	1.5	27
88	Light-Induced Phase Segregation in Halide-Perovskite Absorbers. ACS Energy Letters, 2016, 1, 1199-1205.	8.8	532
89	Perovskite-perovskite tandem photovoltaics with optimized band gaps. Science, 2016, 354, 861-865.	6.0	1,107
90	Mechanical integrity of solution-processed perovskite solar cells. Extreme Mechanics Letters, 2016, 9, 353-358.	2.0	150

#	Article	IF	Citations
91	Thermal and Environmental Stability of Semiâ€Transparent Perovskite Solar Cells for Tandems Enabled by a Solutionâ€Processed Nanoparticle Buffer Layer and Sputtered ITO Electrode. Advanced Materials, 2016, 28, 3937-3943.	11.1	419
92	How the Energetic Landscape in the Mixed Phase of Organic Bulk Heterojunction Solar Cells Evolves with Fullerene Content. Journal of Physical Chemistry C, 2016, 120, 6427-6434.	1.5	19
93	Polymerâ€“Nanoparticle Electrochromic Materials that Selectively Modulate Visible and Near-Infrared Light. Chemistry of Materials, 2016, 28, 1439-1445.	3.2	100
94	Characterizing the Polymer:Fullerene Intermolecular Interactions. Chemistry of Materials, 2016, 28, 1446-1452.	3.2	20
95	Cesium Lead Halide Perovskites with Improved Stability for Tandem Solar Cells. Journal of Physical Chemistry Letters, 2016, 7, 746-751.	2.1	966
96	Morphological and electrical control of fullerene dimerization determines organic photovoltaic stability. Energy and Environmental Science, 2016, 9, 247-256.	15.6	196
97	High-efficiency tandem perovskite solar cells. MRS Bulletin, 2015, 40, 681-686.	1.7	123
98	Disorderâ€Induced Openâ€Circuit Voltage Losses in Organic Solar Cells During Photoinduced Burnâ€In. Advanced Energy Materials, 2015, 5, 1500111.	10.2	146
99	Chargeâ€Carrier Mobility Requirements for Bulk Heterojunction Solar Cells with High Fill Factor and External Quantum Efficiency >90%. Advanced Energy Materials, 2015, 5, 1500577.	10.2	214
100	Mapping Electric Fieldâ€Induced Switchable Poling and Structural Degradation in Hybrid Lead Halide Perovskite Thin Films. Advanced Energy Materials, 2015, 5, 1500962.	10.2	225
101	Transient Response of Organo-Metal-Halide Solar Cells Analyzed by Time-Resolved Current-Voltage Measurements. Photonics, 2015, 2, 1101-1115.	0.9	14
102	Influence of Intermixed Donor and Acceptor Domains on the Ultrafast Charge Generation in Bulk Heterojunction Materials. Journal of Physical Chemistry C, 2015, 119, 26889-26894.	1.5	21
103	Optical loss analysis of monolithic perovskite/Si tandem solar cell. , 2015, , .		4
104	Mechanically stacked and monolithically integrated perovskite/silicon tandems and the challenges for high efficiency. , 2015, , .		4
105	Minimal Long-Term Intrinsic Degradation Observed in a Polymer Solar Cell Illuminated in an Oxygen-Free Environment. Chemistry of Materials, 2015, 27, 404-407.	3.2	84
106	Sequential â€œclickâ€•functionalization of mesoporous titania for energy-relay dye enhanced dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2015, 17, 6565-6571.	1.3	10
107	Impact of Molecular Orientation and Spontaneous Interfacial Mixing on the Performance of Organic Solar Cells. Chemistry of Materials, 2015, 27, 5597-5604.	3.2	40
108	A 2-terminal perovskite/silicon multijunction solar cell enabled by a silicon tunnel junction. Applied Physics Letters, 2015, 106, .	1.5	488

#	Article	IF	Citations
109	Beyond Langevin Recombination: How Equilibrium Between Free Carriers and Charge Transfer States Determines the Openâ€Circuit Voltage of Organic Solar Cells. Advanced Energy Materials, 2015, 5, 1500123.	10.2	354
110	The Impact of Donorâ€“Acceptor Phase Separation on the Charge Carrier Dynamics in pBTTT:PCBM Photovoltaic Blends. Macromolecular Rapid Communications, 2015, 36, 1054-1060.	2.0	29
111	Chlorine in PbCl₂-Derived Hybrid-Perovskite Solar Absorbers. Chemistry of Materials, 2015, 27, 7240-7243.	3.2	91
112	Molecular Packing and Arrangement Govern the Photo-Oxidative Stability of Organic Photovoltaic Materials. Chemistry of Materials, 2015, 27, 6345-6353.	3.2	88
113	Semi-transparent perovskite solar cells for tandems with silicon and CIGS. Energy and Environmental Science, 2015, 8, 956-963.	15.6	630
114	Reversible photo-induced trap formation in mixed-halide hybrid perovskites for photovoltaics. Chemical Science, 2015, 6, 613-617.	3.7	1,682
115	Chloride in Lead Chloride-Derived Organo-Metal Halides for Perovskite-Absorber Solar Cells. Chemistry of Materials, 2014, 26, 7158-7165.	3.2	256
116	Controlling Solutionâ€Phase Polymer Aggregation with Molecular Weight and Solvent Additives to Optimize Polymerâ€Fullerene Bulk Heterojunction Solar Cells. Advanced Energy Materials, 2014, 4, 1301733.	10.2	194
117	Electron Barrier Formation at the Organicâ€Back Contact Interface is the First Step in Thermal Degradation of Polymer Solar Cells. Advanced Functional Materials, 2014, 24, 3978-3985.	7.8	98
118	Increased Openâ€Circuit Voltage of Organic Solar Cells by Reduced Donorâ€Acceptor Interface Area. Advanced Materials, 2014, 26, 3839-3843.	11.1	181
119	How High Local Charge Carrier Mobility and an Energy Cascade in a Threeâ€Phase Bulk Heterojunction Enable >90% Quantum Efficiency. Advanced Materials, 2014, 26, 1923-1928.	11.1	247
120	Comparing the Device Physics and Morphology of Polymer Solar Cells Employing Fullerenes and Nonâ€Fullerene Acceptors. Advanced Energy Materials, 2014, 4, 1301426.	10.2	90
121	Ring Substituents Mediate the Morphology of PBDTTPD-PCBM Bulk-Heterojunction Solar Cells. Chemistry of Materials, 2014, 26, 2299-2306.	3.2	119
122	Efficient charge generation by relaxed charge-transfer states at organic interfaces. Nature Materials, 2014, 13, 63-68.	13.3	667
123	Melt-infiltration of spiro-OMeTAD and thermal instability of solid-state dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2014, 16, 4864.	1.3	77
124	A Layered Hybrid Perovskite Solarâ€Cell Absorber with Enhanced Moisture Stability. Angewandte Chemie - International Edition, 2014, 53, 11232-11235.	7.2	1,547
125	Continuing to soar. Nature Materials, 2014, 13, 845-846.	13.3	200
126	Enhancing the Hole-Conductivity of Spiro-OMeTAD without Oxygen or Lithium Salts by Using Spiro(TFSI)₂ in Perovskite and Dye-Sensitized Solar Cells. Journal of the American Chemical Society, 2014, 136, 10996-11001.	6.6	529

#	Article	IF	Citations
127	Characterization of the Polymer Energy Landscape in Polymer:Fullerene Bulk Heterojunctions with Pure and Mixed Phases. Journal of the American Chemical Society, 2014, 136, 14078-14088.	6.6	193
128	Hysteresis and transient behavior in currentâ€“voltage measurements of hybrid-perovskite absorber solar cells. Energy and Environmental Science, 2014, 7, 3690-3698.	15.6	1,117
129	Reducing burn-in voltage loss in polymer solar cells by increasing the polymer crystallinity. Energy and Environmental Science, 2014, 7, 2974-2980.	15.6	162
130	Importance of the Donor:Fullerene Intermolecular Arrangement for High-Efficiency Organic Photovoltaics. Journal of the American Chemical Society, 2014, 136, 9608-9618.	6.6	302
131	Metamaterial mirrors in optoelectronic devices. Nature Nanotechnology, 2014, 9, 542-547.	15.6	158
132	Ternary Bulk Heterojunction Solar Cells: Addition of Soluble NIR Dyes for Photocurrent Generation beyond 800 nm. ACS Applied Materials & Interfaces, 2014, 6, 6905-6913.	4.0	55
133	Spray Deposition of Silver Nanowire Electrodes for Semitransparent Solidâ€State Dyeâ€Sensitized Solar Cells. Advanced Energy Materials, 2013, 3, 1657-1663.	10.2	99
134	Improving the long-term stability of PBDTTPD polymer solar cells through material purification aimed at removing organic impurities. Energy and Environmental Science, 2013, 6, 2529.	15.6	98
135	Reâ€evaluating the Role of Sterics and Electronic Coupling in Determining the Openâ€Circuit Voltage of Organic Solar Cells. Advanced Materials, 2013, 25, 6076-6082.	11.1	90
136	Efficient Energy Sensitization of C₆₀ and Application to Organic Photovoltaics. Journal of the American Chemical Society, 2013, 135, 11920-11928.	6.6	17
137	Dynamical Orientation of Large Molecules on Oxide Surfaces and its Implications for Dye-Sensitized Solar Cells. Chemistry of Materials, 2013, 25, 4354-4363.	3.2	15
138	All-back-contact ultra-thin silicon nanocone solar cells with 13.7% power conversion efficiency. Nature Communications, 2013, 4, 2950.	5.8	287
139	Fast-track solar cells. Nature, 2013, 501, 323-325.	13.7	112
140	White OLEDs: Color in the Corners: ITOâ€Free White OLEDs with Angular Color Stability (Adv. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	11.1	3
141	Transparent and conductive paper from nanocellulose fibers. Energy and Environmental Science, 2013, 6, 513-518.	15.6	431
142	Silicon-Naphthalo/Phthalocyanine-Hybrid Sensitizer for Efficient Red Response in Dye-Sensitized Solar Cells. Organic Letters, 2013, 15, 784-787.	2.4	67
143	Effect of Al₂O₃ Recombination Barrier Layers Deposited by Atomic Layer Deposition in Solid-State CdS Quantum Dot-Sensitized Solar Cells. Journal of Physical Chemistry C, 2013, 117, 5584-5592.	1.5	108
144	Molecular Engineering of Organic Dyes for Improved Recombination Lifetime in Solid-State Dye-Sensitized Solar Cells. Chemistry of Materials, 2013, 25, 1519-1525.	3.2	66

#	Article	IF	Citations
145	Parasitic Absorption and Internal Quantum Efficiency Measurements of Solidâ€State Dye Sensitized Solar Cells. Advanced Energy Materials, 2013, 3, 959-966.	10.2	26
146	Color in the Corners: ITOâ€Free White OLEDs with Angular Color Stability. Advanced Materials, 2013, 25, 4006-4013.	11.1	241
147	The Importance of Fullerene Percolation in the Mixed Regions of Polymerâ€“Fullerene Bulk Heterojunction Solar Cells. Advanced Energy Materials, 2013, 3, 364-374.	10.2	412
148	Molecular Intercalation and Cohesion of Organic Bulk Heterojunction Photovoltaic Devices. Advanced Functional Materials, 2013, 23, 2863-2871.	7.8	59
149	Highly soluble energy relay dyes for dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2013, 15, 11306.	1.3	25
150	Linear Side Chains in Benzo[1,2-<i>b</i>:4,5-<i>b</i>â€²]dithiopheneâ€“Thieno[3,4-<i>c</i>]pyrrole-4,6-dione Polymers Direct Self-Assembly and Solar Cell Performance. Journal of the American Chemical Society, 2013, 135, 4656-4659.	6.6	661
151	TiO₂ Conduction Band Modulation with In₂O₃ Recombination Barrier Layers in Solid-State Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2013, 117, 24138-24149.	1.5	30
152	Semiâ€Transparent Polymer Solar Cells with Excellent Subâ€Bandgap Transmission for Third Generation Photovoltaics. Advanced Materials, 2013, 25, 7020-7026.	11.1	88
153	Recombination in Polymer:Fullerene Solar Cells with Openâ€Circuit Voltages Approaching and Exceeding 1.0 V. Advanced Energy Materials, 2013, 3, 220-230.	10.2	212
154	Solar Cells: Reâ€evaluating the Role of Sterics and Electronic Coupling in Determining the Openâ€Circuit Voltage of Organic Solar Cells (Adv. Mater. 42/2013). Advanced Materials, 2013, 25, 5990-5990.	11.1	1
155	Geometric light trapping with a V-trap for efficient organic solar cells. Optics Express, 2013, 21, A305.	1.7	21
156	Modeling low cost hybrid tandem photovoltaics with the potential for efficiencies exceeding 20%. Energy and Environmental Science, 2012, 5, 9173.	15.6	138
157	Modeling low-cost hybrid tandem photovoltaics with power conversion efficiencies exceeding 20%. , 2012, , .		4
158	The importance of dye chemistry and TiCl4 surface treatment in the behavior of Al2O3 recombination barrier layers deposited by atomic layer deposition in solid-state dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2012, 14, 12130.	1.3	37
159	Free Carrier Generation in Fullerene Acceptors and Its Effect on Polymer Photovoltaics. Journal of Physical Chemistry C, 2012, 116, 26674-26678.	1.5	50
160	Impact of regioregularity on thin-film transistor and photovoltaic cell performances of pentacene-containing polymers. Journal of Materials Chemistry, 2012, 22, 4356.	6.7	14
161	Use of Xâ€Ray Diffraction, Molecular Simulations, and Spectroscopy to Determine the Molecular Packing in a Polymerâ€Fullerene Bimolecular Crystal. Advanced Materials, 2012, 24, 6071-6079.	11.1	126
162	Factors Governing Intercalation of Fullerenes and Other Small Molecules Between the Side Chains of Semiconducting Polymers Used in Solar Cells. Advanced Energy Materials, 2012, 2, 1208-1217.	10.2	97

#	Article	IF	Citations
163	Molecular Packing and Solar Cell Performance in Blends of Polymers with a Bisadduct Fullerene. Nano Letters, 2012, 12, 1566-1570.	4.5	140
164	Hole Transport Materials with Low Glass Transition Temperatures and High Solubility for Application in Solid-State Dye-Sensitized Solar Cells. ACS Nano, 2012, 6, 1455-1462.	7.3	309
165	The renaissance of dye-sensitized solar cells. Nature Photonics, 2012, 6, 162-169.	15.6	1,197
166	Self-limited plasmonic welding of silver nanowireÂjunctions. Nature Materials, 2012, 11, 241-249.	13.3	1,002
167	Hybrid Silicon Nanoconeâ€“Polymer Solar Cells. Nano Letters, 2012, 12, 2971-2976.	4.5	402
168	Three-Dimensional Packing Structure and Electronic Properties of Biaxially Oriented Poly(2,5-bis(3-alkylthiophene-2-yl)thieno[3,2-<i>b</i>]thiophene) Films. Journal of the American Chemical Society, 2012, 134, 6177-6190.	6.6	108
169	The Role of Electron Affinity in Determining Whether Fullerenes Catalyze or Inhibit Photooxidation of Polymers for Solar Cells. Advanced Energy Materials, 2012, 2, 1351-1357.	10.2	134
170	Controlled Conjugated Backbone Twisting for an Increased Open-Circuit Voltage while Having a High Short-Circuit Current in Poly(hexylthiophene) Derivatives. Journal of the American Chemical Society, 2012, 134, 5222-5232.	6.6	187
171	Probing the effect of substrate heating during deposition of DCV4T:C60 blend layers for organic solar cells. Organic Electronics, 2012, 13, 623-631.	1.4	22
172	The Mechanism of Burnâ€in Loss in a High Efficiency Polymer Solar Cell. Advanced Materials, 2012, 24, 663-668.	11.1	229
173	Enhancing the efficiency of solid-state dye-sensitized solar cells with plasmonic back reflectors. , 2011, , .		0
174	Traps, morphology and degradation in high efficiency polymer solar cells. , 2011, , .		1
175	Solution-Processed Organic Solar Cells with Power Conversion Efficiencies of 2.5% using Benzothiadiazole/Imide-Based Acceptors. Chemistry of Materials, 2011, 23, 5484-5490.	3.2	232
176	Facile infiltration of semiconducting polymer into mesoporous electrodes for hybrid solar cells. Energy and Environmental Science, 2011, 4, 3051.	15.6	68
177	Energy and Hole Transfer between Dyes Attached to Titania in Cosensitized Dye-Sensitized Solar Cells. Journal of the American Chemical Society, 2011, 133, 10662-10667.	6.6	96
178	Nanowire Solar Cells. Annual Review of Materials Research, 2011, 41, 269-295.	4.3	556
179	Transparent electrode requirements for thin film solar cell modules. Energy and Environmental Science, 2011, 4, 131-134.	15.6	140
180	3,4-Disubstituted Polyalkylthiophenes for High-Performance Thin-Film Transistors and Photovoltaics. Journal of the American Chemical Society, 2011, 133, 16722-16725.	6.6	67

#	Article	IF	Citations
181	Paradigm Shifts in Dye-Sensitized Solar Cells. Science, 2011, 334, 607-608.	6.0	64
182	A quantum-chemical perspective into low optical-gap polymers for highly-efficient organic solar cells. Chemical Science, 2011, 2, 1200-1218.	3.7	241
183	Effects of Self-Assembled Monolayers on Solid-State CdS Quantum Dot Sensitized Solar Cells. ACS Nano, 2011, 5, 1495-1504.	7.3	93
184	Effects of nanostructured back reflectors on the external quantum efficiency in thin film solar cells. Nano Research, 2011, 4, 153-158.	5.8	12
185	The phase behavior of a polymerâ€fullerene bulk heterojunction system that contains bimolecular crystals. Journal of Polymer Science, Part B: Polymer Physics, 2011, 49, 499-503.	2.4	71
186	Smooth Nanowire/Polymer Composite Transparent Electrodes. Advanced Materials, 2011, 23, 2905-2910.	11.1	531
187	Transparent Electrodes: Smooth Nanowire/Polymer Composite Transparent Electrodes (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Overlo	11.1	3
188	Plasmonic Dyeâ€Sensitized Solar Cells. Advanced Energy Materials, 2011, 1, 52-57.	10.2	217
189	The Effect of Hole Transport Material Pore Filling on Photovoltaic Performance in Solidâ€State Dyeâ€Sensitized Solar Cells. Advanced Energy Materials, 2011, 1, 407-414.	10.2	130
190	High Efficiency Polymer Solar Cells with Long Operating Lifetimes. Advanced Energy Materials, 2011, 1, 491-494.	10.2	395
191	Morphologyâ€Dependent Trap Formation in High Performance Polymer Bulk Heterojunction Solar Cells. Advanced Energy Materials, 2011, 1, 954-962.	10.2	183
192	Atomic Layer Deposition of CdS Quantum Dots for Solidâ€State Quantum Dot Sensitized Solar Cells. Advanced Energy Materials, 2011, 1, 1169-1175.	10.2	76
193	Plasmonic Back Reflectors: Plasmonic Dye-Sensitized Solar Cells. Advanced Energy Materials, 2011, 1, 51-51.	10.2	11
194	Incorporating Multiple Energy Relay Dyes in Liquid Dyeâ€Sensitized Solar Cells. ChemPhysChem, 2011, 12, 657-661.	1.0	51
195	Laminating solution-processed silver nanowire mesh electrodes onto solid-state dye-sensitized solar cells. Organic Electronics, 2011, 12, 875-879.	1.4	67
196	Influence of the hole-transport layer on the initial behavior and lifetime of inverted organic photovoltaics. Solar Energy Materials and Solar Cells, 2011, 95, 1382-1388.	3.0	111
197	Indacenodithiophene Semiconducting Polymers for High-Performance, Air-Stable Transistors. Journal of the American Chemical Society, 2010, 132, 11437-11439.	6.6	529
198	Accounting for Interference, Scattering, and Electrode Absorption to Make Accurate Internal Quantum Efficiency Measurements in Organic and Other Thin Solar Cells. Advanced Materials, 2010, 22, 3293-3297.	11.1	627

#	Article	IF	Citations
199	Deposition of hole-transport materials in solid-state dye-sensitized solar cells by doctor-blading. Organic Electronics, 2010, 11, 1217-1222.	1.4	90
200	Faceting and disorder in nanowire solar cell arrays. , 2010, , .		1
201	Confinement Effects of P3HT in Nanochannels and Their Implications for Bulk Heterojunction Solar Cells. Journal of Nanoscience and Nanotechnology, 2010, 10, 279-284.	0.9	10
202	High Excitation Transfer Efficiency from Energy Relay Dyes in Dye-Sensitized Solar Cells. Nano Letters, 2010, 10, 3077-3083.	4.5	97
203	Phosphorescent energy relay dye for improved light harvesting response in liquid dye-sensitized solar cells. Energy and Environmental Science, 2010, 3, 434.	15.6	44
204	Effects of Intercalation on the Hole Mobility of Amorphous Semiconducting Polymer Blends. Chemistry of Materials, 2010, 22, 3543-3548.	3.2	75
205	Thiophene-rich fused-aromatic thienopyrazine acceptor for donorâ€"acceptor low band-gap polymers for OTFT and polymer solar cell applications. Journal of Materials Chemistry, 2010, 20, 5823.	6.7	84
206	Modeling the efficiency of FÃ¶rster resonant energy transfer from energy relay dyes in dye-sensitized solar cells. Optics Express, 2010, 18, 3893.	1.7	28
207	Tuning the Optoelectronic Properties of Vinylene-Linked Donorâˆ'Acceptor Copolymers for Organic Photovoltaics. Macromolecules, 2010, 43, 6685-6698.	2.2	86
208	Electrospun Metal Nanofiber Webs as High-Performance Transparent Electrode. Nano Letters, 2010, 10, 4242-4248.	4.5	660
209	Anthradithiophene-Containing Copolymers for Thin-Film Transistors and Photovoltaic Cells. Macromolecules, 2010, 43, 6361-6367.	2.2	49
210	Incomplete Exciton Harvesting from Fullerenes in Bulk Heterojunction Solar Cells. Nano Letters, 2009, 9, 4037-4041.	4.5	139
211	Characterization of pore-filling of spiro-MeOTAD in solid-state dye-sensitized solar cells and its consequence in device performance. , 2009, , .		0
212	Bimolecular Crystals of Fullerenes in Conjugated Polymers and the Implications of Molecular Mixing for Solar Cells. Advanced Functional Materials, 2009, 19, 1173-1179.	7.8	392
213	Poreâ€Filling of Spiroâ€OMeTAD in Solidâ€State Dye Sensitized Solar Cells: Quantification, Mechanism, and Consequences for Device Performance. Advanced Functional Materials, 2009, 19, 2431-2436.	7.8	258
214	Panchromatic Response in Solidâ€State Dyeâ€Sensitized Solar Cells Containing Phosphorescent Energy Relay Dyes. Angewandte Chemie - International Edition, 2009, 48, 9277-9280.	7.2	94
215	Overcoming recombination. Nature Photonics, 2009, 3, 250-252.	15.6	21
216	Increased light harvesting in dye-sensitized solar cells with energy relay dyes. Nature Photonics, 2009, 3, 406-411.	15.6	430

#	Article	IF	Citations
217	Transparent and tandem solar cells using solution-processed metal nanowire transparent electrodes. , 2009, , .		1
218	Molecular design for improved photovoltaic efficiency: band gap and absorption coefficient engineering. Journal of Materials Chemistry, 2009, 19, 7195.	6.7	72
219	Tuning the Properties of Polymer Bulk Heterojunction Solar Cells by Adjusting Fullerene Size to Control Intercalation. Nano Letters, 2009, 9, 4153-4157.	4.5	243
220	Nanostructured Organicâ€"Inorganic Hybrid Solar Cells. MRS Bulletin, 2009, 34, 95-100.	1.7	120
221	Transistor and solar cell performance of donorâ€"acceptor low bandgap copolymers bearing an acenaphtho[1,2-b]thieno[3,4-e]pyrazine (ACTP) motif. Journal of Materials Chemistry, 2009, 19, 591-593.	6.7	66
222	Optical Absorption Enhancement in Amorphous Silicon Nanowire and Nanocone Arrays. Nano Letters, 2009, 9, 279-282.	4.5	1,225
223	Charge Transport in Interpenetrating Networks of Semiconducting and Metallic Carbon Nanotubes. Nano Letters, 2009, 9, 1866-1871.	4.5	151
224	Synthesis of Acenaphthyl and Phenanthrene Based Fused-Aromatic Thienopyrazine Co-Polymers for Photovoltaic and Thin Film Transistor Applications. Chemistry of Materials, 2009, 21, 3618-3628.	3.2	109
225	Physics and Materials Issues of Organic Photovoltaics. Kluwer International Series in Electronic Materials: Science and Technology, 2009, , 329-371.	0.3	1
226	Nanostructured Titaniaâ^'Polymer Photovoltaic Devices Made Using PFPE-Based Nanomolding Techniques. Chemistry of Materials, 2008, 20, 5229-5234.	3.2	80
227	Synthesis and Characterization of Pentaceneâ^' and Anthradithiopheneâ^'Fluorene Conjugated Copolymers Synthesized by Suzuki Reactions. Macromolecules, 2008, 41, 6977-6980.	2.2	58
228	Exciton harvesting, charge transfer, and charge-carrier transport in amorphous-silicon nanopillar/polymer hybrid solar cells. Journal of Applied Physics, 2008, 103, 064511.	1.1	53
229	Organic bulk heterojunction solar cells using poly(2,5-bis(3-tetradecyllthiophen-2-yl)thieno[3,2,-b]thiophene). Applied Physics Letters, 2008, 92, .	1.5	110
230	A soft lithography route to nanopatterned photovoltaic devices. Proceedings of SPIE, 2008, , .	0.8	0
231	Organic Semiconductors for Lowâ€"Cost Solar Cells. AIP Conference Proceedings, 2008, , .	0.3	7
232	An effective light trapping configuration for thin-film solar cells. Applied Physics Letters, 2007, 91, .	1.5	171
233	Effects of molecular interface modification in hybrid organic-inorganic photovoltaic cells. Journal of Applied Physics, 2007, 101, 114503.	1.1	426
234	Longâ€Range Resonant Energy Transfer for Enhanced Exciton Harvesting for Organic Solar Cells. Advanced Materials, 2007, 19, 2961-2966.	11.1	114

#	Article	IF	Citations
235	High-efficiency, Cd-free copperâ€“indiumâ€“galliumâ€“diselenide/polymer hybrid solar cells. Solar Energy Materials and Solar Cells, 2007, 91, 807-812.	3.0	15
236	Polymer-based solar cells. Materials Today, 2007, 10, 28-33.	8.3	942
237	Exciton splitting and carrier transport across the amorphous-silicon/polymer solar cell interface. Applied Physics Letters, 2006, 89, 252102.	1.5	71
238	Resonance energy transfer from organic chromophores to fullerene molecules. Journal of Applied Physics, 2006, 99, 093521.	1.1	82
239	Effects of optical interference and energy transfer on exciton diffusion length measurements in organic semiconductors. Journal of Applied Physics, 2006, 100, 034907.	1.1	287
240	Generalized Coating Route to Silica and Titania Films with Orthogonally Tilted Cylindrical Nanopore Arrays. Nano Letters, 2006, 6, 2567-2570.	4.5	115
241	Dependence of Band Offset and Open-Circuit Voltage on the Interfacial Interaction between TiO2 and Carboxylated Polythiophenes. Journal of Physical Chemistry B, 2006, 110, 3257-3261.	1.2	99
242	Highly oriented crystals at the buried interface in polythiophene thin-film transistors. Nature Materials, 2006, 5, 222-228.	13.3	737
243	Liquid-crystalline semiconducting polymers with high charge-carrier mobility. Nature Materials, 2006, 5, 328-333.	13.3	2,001
244	Pictures from the blended zone. Nature Materials, 2006, 5, 675-676.	13.3	41
245	Fabrication of densely packed, well-ordered, high-aspect-ratio silicon nanopillars over large areas using block copolymer lithography. Thin Solid Films, 2006, 513, 289-294.	0.8	72
246	Morphology and Charge Transport in Conjugated Polymers. Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics, 2006, 46, 27-45.	2.2	192
247	Organic solar cells with carbon nanotube network electrodes. Applied Physics Letters, 2006, 88, 233506.	1.5	936
248	Amorphous-Silicon / Polymer Solar Cells and Key Design Rules for Hybrid Solar Cells. , 2006, , .		0
249	Dependence of Regioregular Poly(3-hexylthiophene) Film Morphology and Field-Effect Mobility on Molecular Weight. Macromolecules, 2005, 38, 3312-3319.	2.2	1,003
250	Enhanced Hole Mobility in Regioregular Polythiophene Infiltrated in Straight Nanopores. Advanced Functional Materials, 2005, 15, 1927-1932.	7.8	180
251	Using Resonance Energy Transfer to Improve Exciton Harvesting in Organic-Inorganic Hybrid Photovoltaic Cells. Advanced Materials, 2005, 17, 2960-2964.	11.1	158
252	Ordered Organicâ€“Inorganic Bulk Heterojunction Photovoltaic Cells. MRS Bulletin, 2005, 30, 37-40.	1.7	146

#	Article	IF	Citations
253	Molecular-weight-dependent mobilities in regioregular poly(3-hexyl-thiophene) diodes. Applied Physics Letters, 2005, 86, 122110.	1.5	411
254	A theoretical and experimental investigation of light extraction from polymer light-emitting diodes. Journal of Applied Physics, 2005, 97, 064502.	1.1	43
255	Nanostructuring Titania by Embossing with Polymer Molds Made from Anodic Alumina Templates. Nano Letters, 2005, 5, 1545-1549.	4.5	111
256	Synthesis, Characterization, and Field-Effect Transistor Performance of Carboxylate-Functionalized Polythiophenes with Increased Air Stability. Chemistry of Materials, 2005, 17, 4892-4899.	3.2	185
257	Extracting Light from Polymer Light-Emitting Diodes Using Stamped Bragg Gratings. Advanced Functional Materials, 2004, 14, 451-456.	7.8	146
258	Conjugated Polymer Photovoltaic Cells. Chemistry of Materials, 2004, 16, 4533-4542.	3.2	2,055
259	Polythiophene Containing Thermally Removable Solubilizing Groups Enhances the Interface and the Performance of Polymerâ˘Titania Hybrid Solar Cells. Journal of the American Chemical Society, 2004, 126, 9486-9487.	6.6	238
260	Electropolymerization of conjugated polymers in mesoporous titania for photovoltaic applications. , 2004, , .		5
261	Infiltrating Semiconducting Polymers into Self-Assembled Mesoporous Titania Films for Photovoltaic Applications. Advanced Functional Materials, 2003, 13, 301-306.	7.8	399
262	Reduced Operating Voltages in Polymer Light-Emitting Diodes Doped with Rare-Earth Complexes. Advanced Materials, 2003, 15, 1547-1551.	11.1	61
263	Controlling the Field-Effect Mobility of Regioregular Polythiophene by Changing the Molecular Weight. Advanced Materials, 2003, 15, 1519-1522.	11.1	899
264	Photovoltaic cells made from conjugated polymers infiltrated into mesoporous titania. Applied Physics Letters, 2003, 83, 3380-3382.	1.5	429
265	Measuring the refractive indices of conjugated polymer films with Bragg grating outcouplers. Applied Physics Letters, 2003, 83, 5092-5094.	1.5	10
266	Semiconducting (Conjugated) Polymers as Materials for Solid-State Lasers. Advanced Materials, 2000, 12, 1655-1668.	11.1	839
267	Mirrorless Lasing from Mesostructured Waveguides Patterned by Soft Lithography. Science, 2000, 287, 465-467.	6.0	494
268	Doped Mesoporous Silica Fibers: A New Laser Material. Advanced Materials, 1999, 11, 632-636.	11.1	225
269	Narrow Bandwidth Luminescence from Blends with Energy Transfer from Semiconducting Conjugated Polymers to Europium Complexes. Advanced Materials, 1999, 11, 1349-1354.	11.1	510
270	Semiconducting polymer distributed feedback lasers. Applied Physics Letters, 1998, 72, 1536-1538.	1.5	238

#	Article	IF	Citations
271	Amplified spontaneous emission from photopumped films of a conjugated polymer. Physical Review B, 1998, 58, 7035-7039.	1.1	292
272	â€œPlasticâ€•lasers: Comparison of gain narrowing with a soluble semiconducting polymer in waveguides and microcavities. Applied Physics Letters, 1997, 70, 3191-3193.	1.5	112
273	<title>Light emission from semiconducting polymers: LEDs, lasers, and white light for the future</title>. , 1997, 3148, 22.		0
274	Experimental Indication of a Naphthaleneâ€Base Molecular Aggregate for the Carrier of the 2175 A Interstellar Extinction Feature. Astrophysical Journal, 1997, 487, 976-982.	1.6	33
275	Designing Contact Layers and Surface Treatments to Overcome Performance Challenges for Perovskite Tandems. , 0, , .		0