Kwanghee Lee

List of Publications by Year
in descending order

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Version: 2024-02-01

134 papers	15,731 citations	57758 44 h-index	15732 125 g-index
142 all docs	142 docs citations	142 times ranked	14786 citing authors

#	Article	IF	Citations
1	Bulk heterojunction solar cells with internal quantum efficiency approaching 100%. Nature Photonics, 2009, 3, 297-302.	31.4	3,903
2	Efficient Tandem Polymer Solar Cells Fabricated by All-Solution Processing. Science, 2007, 317, 222-225.	12.6	3,142
3	Processing Additives for Improved Efficiency from Bulk Heterojunction Solar Cells. Journal of the American Chemical Society, 2008, 130, 3619-3623.	13.7	1,511
4	Highly Conductive PEDOT:PSS Nanofibrils Induced by Solutionâ€Processed Crystallization. Advanced Materials, 2014, 26, 2268-2272.	21.0	856
5	Bulkâ€Heterojunction Organic Solar Cells: Five Core Technologies for Their Commercialization. Advanced Materials, 2016, 28, 7821-7861.	21.0	404
6	Polymer-metal hybrid transparent electrodes for flexible electronics. Nature Communications, 2015, 6, 6503.	12.8	343
7	Achieving long-term stable perovskite solar cells via ion neutralization. Energy and Environmental Science, 2016, 9, 1258-1263.	30.8	279
8	Influence of PEDOT:PSS crystallinity and composition on electrochemical transistor performance and long-term stability. Nature Communications, 2018, 9, 3858.	12.8	276
9	Electrostatically Selfâ€Assembled Nonconjugated Polyelectrolytes as an Ideal Interfacial Layer for Inverted Polymer Solar Cells. Advanced Materials, 2012, 24, 3005-3009.	21.0	274
10	Efficient planar-heterojunction perovskite solar cells achieved via interfacial modification of a solâ€“gel ZnO electron collection layer. Journal of Materials Chemistry A, 2014, 2, 17291-17296.	10.3	274
11	Highly Conductive Allâ€Plastic Electrodes Fabricated Using a Novel Chemically Controlled Transferâ€Printing Method. Advanced Materials, 2015, 27, 2317-2323.	21.0	239
12	Role of Interchain Coupling in the Metallic State of Conducting Polymers. Physical Review Letters, 2012, 109, 106405.	7.8	201
13	Highly Stretchable and Highly Conductive PEDOT:PSS/Ionic Liquid Composite Transparent Electrodes for Solution-Processed Stretchable Electronics. ACS Applied Materials & Interfaces, 2017, 9, 819-826.	8.0	195
14	Multiâ€Charged Conjugated Polyelectrolytes as a Versatile Work Function Modifier for Organic Electronic Devices. Advanced Functional Materials, 2014, 24, 1100-1108.	14.9	170
15	Achieving Largeâ€Area Planar Perovskite Solar Cells by Introducing an Interfacial Compatibilizer. Advanced Materials, 2017, 29, 1606363.	21.0	153
16	Controlling Molecular Ordering in Aqueous Conducting Polymers Using Ionic Liquids. Advanced Materials, 2016, 28, 8625-8631.	21.0	149
17	Light-soaking issue in polymer solar cells: Photoinduced energy level alignment at the sol-gel processed metal oxide and indium tin oxide interface. Journal of Applied Physics, 2012, 111, .	2.5	112
18	Simplified Tandem Polymer Solar Cells with an Ideal Selfâ€Organized Recombination Layer. Advanced Materials, 2015, 27, 1408-1413.	21.0	111

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19	A series connection architecture for large-area organic photovoltaic modules with a 7.5% module efficiency. Nature Communications, 2016, 7, 10279.	12.8	98
20	Extended Lifetime of Organic Fieldâ€Effect Transistors Encapsulated with Titanium Subâ€Oxide as an â€˜Activeâ€™ Passivation/Barrier Layer. Advanced Materials, 2009, 21, 1941-1944.	21.0	92
21	Novel Filmâ€Casting Method for Highâ€Performance Flexible Polymer Electrodes. Advanced Functional Materials, 2011, 21, 487-493.	14.9	88
22	Enhanced Performance of Fullerene nâ€Channel Fieldâ€Effect Transistors with Titanium Subâ€Oxide Injection Layer. Advanced Functional Materials, 2009, 19, 1459-1464.	14.9	85
23	Highâ€Performance Integrated Perovskite and Organic Solar Cells with Enhanced Fill Factors and Nearâ€Infrared Harvesting. Advanced Materials, 2016, 28, 3159-3165.	21.0	84
24	Grapheneâ€Conducting Polymer Hybrid Transparent Electrodes for Efficient Organic Optoelectronic Devices. Advanced Functional Materials, 2014, 24, 1847-1856.	14.9	76
25	Introducing paired electric dipole layers for efficient and reproducible perovskite solar cells. Energy and Environmental Science, 2018, 11, 1742-1751.	30.8	76
26	Effect of Processing Additives on Organic Photovoltaics: Recent Progress and Future Prospects. Advanced Energy Materials, 2017, 7, 1601496.	19.5	71
27	Highly Deformable and Seeâ€Through Polymer Lightâ€Emitting Diodes with Allâ€Conductingâ€Polymer Electrodes. Advanced Materials, 2018, 30, 1703437.	21.0	69
28	A low-bandgap alternating copolymer containing the dimethylbenzimidazole moiety. Journal of Materials Chemistry, 2010, 20, 6517.	6.7	68
29	Optically transparent semiconducting polymer nanonetwork for flexible and transparent electronics. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14261-14266.	7.1	67
30	Origin of Open-Circuit Voltage Losses in Perovskite Solar Cells Investigated by Surface Photovoltage Measurement. ACS Applied Materials & Interfaces, 2019, 11, 46808-46817.	8.0	66
31	High-performance, polymer-based direct cellular interfaces for electrical stimulation and recording. NPG Asia Materials, 2018, 10, 255-265.	7.9	65
32	Effect of substituted side chain on donor-acceptor conjugated copolymers. Applied Physics Letters, 2008, 93, 263301.	3.3	64
33	Efficacy of TiOx optical spacer in bulk-heterojunction solar cells processed with 1,8-octanedithiol. Applied Physics Letters, 2008, 92, 243308.	3.3	61
34	Organic Singleâ€Crystal Semiconductor Films on a Millimeter Domain Scale. Advanced Materials, 2015, 27, 6870-6877.	21.0	59
35	Broad Workâ€Function Tunability of pâ€Type Conjugated Polyelectrolytes for Efficient Organic Solar Cells. Advanced Energy Materials, 2015, 5, 1401653.	19.5	59
36	p-Doping of organic hole transport layers in pâ€“iâ€“n perovskite solar cells: correlating open-circuit voltage and photoluminescence quenching. Journal of Materials Chemistry A, 2019, 7, 18971-18979.	10.3	55

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37	Localized surface plasmon-enhanced green quantum dot light-emitting diodes using gold nanoparticles. RSC Advances, 2015, 5, 19624-19629.	3.6	54
38	Simultaneously Passivating Cation and Anion Defects in Metal Halide Perovskite Solar Cells Using a Zwitterionic Amino Acid Additive. Small, 2021, 17, e2005608.	10.0	51
39	Overcoming the Lightâ€Soaking Problem in Inverted Polymer Solar Cells by Introducing a Heavily Doped Titanium Subâ€Oxide Functional Layer. Advanced Energy Materials, 2015, 5, 1401298.	19.5	49
40	BODIPY-Based Conjugated Polymers for Use as Dopant-Free Hole Transporting Materials for Durable Perovskite Solar Cells: Selective Tuning of HOMO/LUMO Levels. ACS Applied Materials & Interfaces, 2018, 10, 23254-23262.	8.0	49
41	Self-assembly of interfacial and photoactive layers via one-step solution processing for efficient inverted organic solar cells. Nanoscale, 2013, 5, 11587.	5.6	48
42	High-efficiency large-area perovskite photovoltaic modules achieved via electrochemically assembled metal-filamentary nanoelectrodes. Science Advances, 2018, 4, eaat3604.	10.3	48
43	Origin of Openâ€Circuit Voltage Enhancements in Planar Perovskite Solar Cells Induced by Addition of Bulky Organic Cations. Advanced Functional Materials, 2020, 30, 1906763.	14.9	47
44	A Printable Organic Electron Transport Layer for Lowâ€Temperatureâ€Processed, Hysteresisâ€Free, and Stable Planar Perovskite Solar Cells. Advanced Energy Materials, 2017, 7, 1700226.	19.5	46
45	Synthesis and characterization of indeno[1,2-b]fluorene-based low bandgap copolymers for photovoltaic cells. Journal of Materials Chemistry, 2010, 20, 1577.	6.7	45
46	Role of Polymeric Metal Nucleation Inducers in Fabricating Largeâ€Area, Flexible, and Transparent Electrodes for Printable Electronics. Advanced Functional Materials, 2017, 27, 1606842.	14.9	45
47	Highly stable inverted methylammonium lead tri-iodide perovskite solar cells achieved by surface re-crystallization. Energy and Environmental Science, 2020, 13, 840-847.	30.8	44
48	Towards Efficient Integrated Perovskite/Organic Bulk Heterojunction Solar Cells: Interfacial Energetic Requirement to Reduce Charge Carrier Recombination Losses. Advanced Functional Materials, 2020, 30, 2001482.	14.9	43
49	Toward Visibly Transparent Organic Photovoltaic Cells Based on a Near-Infrared Harvesting Bulk Heterojunction Blend. ACS Applied Materials & Interfaces, 2020, 12, 32764-32770.	8.0	40
50	Radical Cationâ€“Anion Couplingâ€Induced Work Function Tunability in Anionic Conjugated Polyelectrolytes. Advanced Energy Materials, 2015, 5, 1501292.	19.5	39
51	Airâ€Stable Organic Solar Cells Using an Iodineâ€Free Solvent Additive. Advanced Energy Materials, 2016, 6, 1600970.	19.5	39
52	Achieving Thicknessâ€Insensitive Morphology of the Photoactive Layer for Printable Organic Photovoltaic Cells via Side Chain Engineering in Nonfullerene Acceptors. Advanced Energy Materials, 2019, 9, 1900044.	19.5	39
53	Efficient and photostable ternary organic solar cells with a narrow band gap non-fullerene acceptor and fullerene additive. Journal of Materials Chemistry A, 2020, 8, 6682-6691.	10.3	37
54	Efficient and Stable Perovskiteâ€Based Photocathode for Photoelectrochemical Hydrogen Production. Advanced Functional Materials, 2021, 31, 2008277.	14.9	36

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55	Retarding Ion Exchange between Conducting Polymers and Ionic Liquids for Printable Top Electrodes in Semitransparent Organic Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 2276-2284.	8.0	35
56	Improved electron injection in polymer light-emitting diodes using anionic conjugated polyelectrolyte. Applied Physics Letters, 2008, 93, .	3.3	34
57	Synthesis and characterization of indeno[1,2â€‹b]fluoreneâ€‹based white lightâ€‹emitting copolymer. Journal of Polymer Science Part A, 2009, 47, 3467-3479.	2.3	34
58	Long-Term Stable Recombination Layer for Tandem Polymer Solar Cells Using Self-Doped Conducting Polymers. ACS Applied Materials & Interfaces, 2016, 8, 6144-6151.	8.0	34
59	Thermally cross-linkable hole transporting polymer synthesized by living anionic polymerization for effective electron blocking and reduction of exciton quenching in multilayer polymer light emitting diodes. Polymer Chemistry, 2013, 4, 969-977.	3.9	33
60	Template-mediated nano-crystallite networks in semiconducting polymers. Nature Communications, 2014, 5, 4183.	12.8	31
61	Modification of a PEDOT:PSS hole transport layer for printed polymer solar cells. Solar Energy Materials and Solar Cells, 2016, 153, 117-123.	6.2	31
62	Large-Area Nonfullerene Organic Solar Cell Modules Fabricated by a Temperature-Independent Printing Method. ACS Applied Materials & Interfaces, 2020, 12, 41877-41885.	8.0	30
63	A Depletionâ€‹Free, Ionic, Selfâ€‹Assembled Recombination Layer for Tandem Polymer Solar Cells. Advanced Energy Materials, 2014, 4, 1301226.	19.5	28
64	Solution-processed ZnO/SnO₂ bilayer ultraviolet phototransistor with high responsivity and fast photoresponse. Journal of Materials Chemistry C, 2018, 6, 6014-6022.	5.5	28
65	Synergistic Effect of Processing Additives and Optical Spacers in Bulkâ€‹Heterojunction Solar Cells. Advanced Energy Materials, 2012, 2, 1420-1424.	19.5	27
66	Synthesis and organic field effect transistor properties of isoindigo/DPP-based polymers containing a thermolabile group. RSC Advances, 2017, 7, 16302-16310.	3.6	27
67	Biased internal potential distributions in a bulk-heterojunction organic solar cell incorporated with a TiOx interlayer. Applied Physics Letters, 2012, 100, .	3.3	26
68	Role of the Side Chain in the Phase Segregation of Polymer:Fullerene Bulk Heterojunction Composites. Advanced Energy Materials, 2013, 3, 1575-1580.	19.5	25
69	Molecular understanding of a Ï€-conjugated polymer/solid-state ionic liquid complex as a highly sensitive and selective gas sensor. Journal of Materials Chemistry C, 2020, 8, 15268-15276.	5.5	25
70	In situ studies of the molecular packing dynamics of bulk-heterojunction solar cells induced by the processing additive 1-chloronaphthalene. Journal of Materials Chemistry A, 2015, 3, 7719-7726.	10.3	24
71	A Versatile Selfâ€‹Organization Printing Method for Simplified Tandem Organic Photovoltaics. Advanced Functional Materials, 2016, 26, 3563-3569.	14.9	24
72	Synthesis and characterization of lowâ€‹bandgap copolymers based on dihexylâ€‹hâ€‹benzimidazole and cyclopentadithiophene. Journal of Polymer Science Part A, 2010, 48, 4567-4573.	2.3	23

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73	Reinforcing the Builtâ€In Field for Efficient Charge Collection in Polymer Solar Cells. Advanced Functional Materials, 2018, 28, 1705079.	14.9	23
74	Synthesis and characterization of isoindigo-based polymers using CH-arylation polycondensation reactions for organic photovoltaics. Journal of Polymer Science Part A, 2014, 52, 2926-2933.	2.3	21
75	A facile method to synthesize [Aâ€²(Dâ€²AD)₂]-based pushâ€“pull small molecules for organic photovoltaics. RSC Advances, 2015, 5, 66005-66012.	3.6	21
76	Face-on oriented thermolabile Boc-isoindigo/thiophenes small molecules: From synthesis to OFET performance. Dyes and Pigments, 2020, 172, 107784.	3.7	21
77	Organic cathode interfacial materials for non-fullerene organic solar cells. Journal of Materials Chemistry A, 2021, 9, 13506-13514.	10.3	21
78	Synthesis and characterization of polyfluorenevinylene with cyano group and carbazole unit. Journal of Polymer Science Part A, 2009, 47, 6540-6551.	2.3	19
79	Increased open-circuit voltage in bulk-heterojunction solar cells using a C60 derivative. Applied Physics Letters, 2010, 97, 193309.	3.3	18
80	Efficient Charge Carrier Injection and Balance Achieved by Low Electrochemical Doping in Solutionâ€Processed Polymer Lightâ€Emitting Diodes. Advanced Functional Materials, 2019, 29, 1904092.	14.9	18
81	Flexible resistive random access memory using solution-processed TiOx with Al top electrode on Ag layer-inserted indium-zinc-tin-oxide-coated polyethersulfone substrate. Applied Physics Letters, 2011, 99, .	3.3	17
82	Efficient Charge Extraction in Thick Bulk Heterojunction Solar Cells through Infiltrated Diffusion Doping. Advanced Energy Materials, 2014, 4, 1301502.	19.5	17
83	Tuning the Mechanical and Electrical Properties of Stretchable PEDOT:PSS/Ionic Liquid Conductors. Macromolecular Chemistry and Physics, 2020, 221, 2000291.	2.2	17
84	Correlating the Active Layer Structure and Composition with the Device Performance and Lifetime of Amino-Acid-Modified Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2021, 13, 43505-43515.	8.0	17
85	Reversible Polymorphic Transition and Hysteresisâ€Driven Phase Selectivity in Singleâ€Crystalline C8â€BTBT Rods. Small, 2020, 16, e1906109.	10.0	16
86	Direct Câ€“H arylation synthesis of (DDâ€²ADâ€²DAâ€²)-constituted alternating polymers with low bandgaps and their photovoltaic performance. New Journal of Chemistry, 2015, 39, 4957-4964.	2.8	15
87	Synthesis and properties of the conjugated polymers with indenoindene and benzimidazole units for organic photovoltaics. Journal of Polymer Science Part A, 2013, 51, 241-249.	2.3	14
88	An organometal halide perovskite photocathode integrated with a MoS₂ catalyst for efficient and stable photoelectrochemical water splitting. Journal of Materials Chemistry A, 2021, 9, 22291-22300.	10.3	14
89	Interface Engineering for Fabricating Semitransparent and Flexible Window-Film-Type Organic Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 26232-26238.	8.0	13
90	Direct Observation of Confinement Effects of Semiconducting Polymers in Polymer Blend Electronic Systems. Advanced Science, 2021, 8, 2100332.	11.2	12

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91	Overcoming the Lowâ€Surfaceâ€Energyâ€Induced Wettability Problem of Flexible and Transparent Electrodes for Largeâ€Area Organic Photovoltaic Modules over 500 cm². Advanced Energy Materials, 2022, 12, .	19.5	11
92	Improved properties of polyfluorenevinylenes by introduction of carbazole units. Journal of Polymer Science Part A, 2008, 46, 4407-4419.	2.3	10
93	Homogeneous bulk heterojunction networks via surface energy matching at polymer/fullerene interfaces. Applied Physics Letters, 2012, 101, 083304.	3.3	10
94	High-performance polymer tandem devices combining solar cell and light-emitting diode. Solar Energy Materials and Solar Cells, 2012, 107, 148-153.	6.2	10
95	Controlling the Chromaticity of White Organic Lightâ€Emitting Diodes Using a Microcavity Architecture. Advanced Optical Materials, 2020, 8, 1901365.	7.3	10
96	Synthesis and characterization of fluorene and cyclopentadithiopheneâ€based copolymers exhibiting broad absorption for photovoltaic devices. Journal of Polymer Science Part A, 2011, 49, 1248-1255.	2.3	9
97	Highly transparent polymer light-emitting diode using modified aluminum-doped zinc oxide top electrode. Applied Physics Letters, 2012, 100, 133306.	3.3	9
98	Characteristics of light-induced electron transport from P3HT to ZnO-nanowire field-effect transistors. Applied Physics Letters, 2013, 103, 223305.	3.3	9
99	A newly designed isoindigo/thiophene medium-sized molecule containing a Ï€ (Dâ€“Aâ€“D) bridge with unexpected organic photovoltaic performance. New Journal of Chemistry, 2019, 43, 18126-18133.	2.8	9
100	Molecular-level electrochemical doping for fine discrimination of volatile organic compounds in organic chemiresistors. Journal of Materials Chemistry A, 2020, 8, 16884-16891.	10.3	8
101	Highly stable and efficient cathode-buffer-layer-free inverted perovskite solar cells. Nanoscale, 2021, 13, 5652-5659.	5.6	7
102	Inner Encapsulating Approach for Moistureâ€Stable Perovskite Solar Cells. Solar Rrl, 2021, 5, 2100351.	5.8	7
103	Direct observation of continuous networks of â€˜solâ€“gelâ€™ processed metal oxide thin film for organic and perovskite photovoltaic modules with long-term stability. Journal of Materials Chemistry A, 2020, 8, 18659-18667.	10.3	6
104	Synthesis and characterization of polycyclopentaphenanthrene with carbazole or oxidiazole pendant units. Polymer Journal, 2012, 44, 347-352.	2.7	5
105	A long-term stable organic semiconductor photocathode-based photoelectrochemical module system for hydrogen production. Journal of Materials Chemistry A, 2022, 10, 13247-13253.	10.3	5
106	In-Depth Study on the Effect of Active-Area Scale-Down of Solution-Processed $hbox{TiO}_{x}$. IEEE Electron Device Letters, 2012, 33, 869-871.	3.9	4
107	Spirobifluorene-based non-fullerene acceptors for the environmentally benign process. Dyes and Pigments, 2020, 180, 108369.	3.7	4
108	Solid-State Ionic Liquid: Key to Efficient Detection and Discrimination in Organic Semiconductor Gas Sensors. ACS Applied Electronic Materials, 2021, 3, 2152-2163.	4.3	4

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109	Synthesis and Characterization of Novel Conjugated Polymer with 4H-Cyclopenta[def]phenanthrene and the Sulfanyl Group. Polymer Journal, 2009, 41, 138-145.	2.7	3
110	Introduction to the Issue on Next-Generation Organic and Hybrid Solar Cells. IEEE Journal of Selected Topics in Quantum Electronics, 2010, 16, 1512-1513.	2.9	3
111	Synthesis and characterization of Ï€-bridged [A(DA`nD`)2] based small molecules with potential optoelectronic application. Synthetic Metals, 2020, 261, 116307.	3.9	3
112	Synthesis and photophysical properties of N-alkyl dithieno[3,2-b:2â€²,3â€²-d]pyrrole based donor/acceptor-Ï€-conjugated copolymers for solar-cell application. RSC Advances, 2022, 12, 17682-17688.	3.6	3
113	Anionâ€Induced Catalytic Reaction in a Solutionâ€Processed Molybdenum Oxide for Efficient Inverted Ternary Organic Photovoltaics. Advanced Functional Materials, 2022, 32, .	14.9	3
114	Photovoltaic Devices: A New Architecture for Printable Photovoltaics Overcoming Conventional Module Limits (Adv. Mater. 10/2014). Advanced Materials, 2014, 26, 1631-1631.	21.0	2
115	Enhanced p-Type Work Function Tunability Induced by Electrostatic Molecular Alignment and Surface Coverage in Conjugated Small-Molecule Electrolyte. ACS Applied Electronic Materials, 2019, 1, 2566-2573.	4.3	2
116	Synthesis and application of amine-containing conjugated small molecules for the automatic formation of an electron transporting layer via spontaneous phase separation from the bulk-heterojunction layer. RSC Advances, 2019, 9, 31867-31876.	3.6	2
117	Perovskiteâ€Based Photocathodes: Efficient and Stable Perovskiteâ€Based Photocathode for Photoelectrochemical Hydrogen Production (Adv. Funct. Mater. 17/2021). Advanced Functional Materials, 2021, 31, 2170119.	14.9	2
118	Molecular engineering of non-fullerene acceptors based on thiophene-fused end groups for fullerene-free organic solar cells. Dyes and Pigments, 2021, , 109987.	3.7	2
119	Synthesis of novel conjugated polymer based on cyclopenta[def]phenanthrene and vinylene with strong interchain interaction. Journal of Polymer Science Part A, 2009, 47, 5068-5077.	2.3	1
120	Syntheses and Characterization of the Alternating Polymers Based on Cyclopenta[def]phenanthrene Backbone with Spiro Group. Polymer Journal, 2009, 41, 1105-1110.	2.7	1
121	Color stability of conjugated polymer with difluoro groups in vinylene units. Macromolecular Research, 2011, 19, 753-756.	2.4	1
122	Organic Electronics: Electrostatically Selfâ€Assembled Nonconjugated Polyelectrolytes as an Ideal Interfacial Layer for Inverted Polymer Solar Cells (Adv. Mater. 22/2012). Advanced Materials, 2012, 24, 2938-2938.	21.0	1
123	Solar Cells: A Depletion-Free, Ionic, Self-Assembled Recombination Layer for Tandem Polymer Solar Cells (Adv. Energy Mater. 5/2014). Advanced Energy Materials, 2014, 4, .	19.5	1
124	Organic Solar Cells: Topâ€Down Approach for Nanophase Reconstruction in Bulk Heterojunction Solar Cells (Adv. Mater. 36/2014). Advanced Materials, 2014, 26, 6274-6274.	21.0	1
125	Organic Electronics: Grapheneâ€Conducting Polymer Hybrid Transparent Electrodes for Efficient Organic Optoelectronic Devices (Adv. Funct. Mater. 13/2014). Advanced Functional Materials, 2014, 24, 1960-1960.	14.9	1
126	Polymer Solar Cells: Simplified Tandem Polymer Solar Cells with an Ideal Self-Organized Recombination Layer (Adv. Mater. 8/2015). Advanced Materials, 2015, 27, 1468-1468.	21.0	1

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127	Alkylthio-substitution on wide bandgap conjugated polymers for non-fullerene acceptor-based organic solar cells. Dyes and Pigments, 2020, 182, 108601.	3.7	1
128	Solutionâ€Processed and Transparent Graphene Oxide/TiO x Gas Barrier via an Interfacial Photocatalytic Reduction. Advanced Materials Interfaces, 2020, 7, 1901318.	3.7	1
129	New benzodithiophene fused electron acceptors for benzodithiophene-based polymer. Dyes and Pigments, 2021, 196, 109756.	3.7	1
130	Conjugated polyelectrolytes for stable perovskite solar cells based on methylammonium lead triiodide. Journal of Materials Chemistry A, 2022, 10, 3321-3329.	10.3	1
131	Large-Area, Transparent And Conductive Graphene Electrode For Bulk-Heterojunction Photovoltaic Devices. , 2011, , .		0
132	Printable Photovoltaics: A Versatile Selfâ€Organization Printing Method for Simplified Tandem Organic Photovoltaics (Adv. Funct. Mater. 21/2016). Advanced Functional Materials, 2016, 26, 3748-3748.	14.9	0
133	Energyâ€Harvesting Blue Color Filters for Organic Lightâ€Emitting Diodes. Advanced Optical Materials, 2020, 8, 2000873.	7.3	0
134	Organic Semiconductors: Reversible Polymorphic Transition and Hysteresisâ€Driven Phase Selectivity in Singleâ€Crystalline C8â€BTBT Rods (Small 3/2020). Small, 2020, 16, 2070017.	10.0	0