Jian-Xin Tang

List of Publications by Year
in descending order

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137 papers	7,907 citations	50276 46 h-index	53230 85 g-index
138 all docs	138 docs citations	138 times ranked	9150 citing authors

#	Article	IF	Citations
1	Selfâ€Polymerization of Monomer and Induced Interactions with Perovskite for Highly Performed and Stable Perovskite Solar Cells. Advanced Functional Materials, 2022, 32, 2105290.	14.9	14
2	MoO3 doped PTAA for high-performance inverted perovskite solar cells. Applied Surface Science, 2022, 571, 151301.	6.1	19
3	Absorption Spectrumâ€Compensating Configuration Reduces the Energy Loss of Nonfullerene Organic Solar Cells. Advanced Functional Materials, 2022, 32, 2109735.	14.9	7
4	Interface engineering improves the performance of green perovskite light-emitting diodes. Journal of Materials Chemistry C, 2022, 10, 2998-3005.	5.5	16
5	<scp>Hotâ€electron emissionâ€driven</scp> energy recycling in transparent plasmonic electrode for organic solar cells. InformaÄnÃ-MateriÃ¡ly, 2022, 4, .	17.3	3
6	Exploration of the Defect Passivation in Perovskite Materials Using Organic Spacer Cations. Advanced Materials Interfaces, 2022, 9, .	3.7	4
7	Highly stable and efficient tandem white light emitting diodes based on efficient electron injection and transport. Journal of Materials Chemistry C, 2022, 10, 5994-6001.	5.5	8
8	Management of Multiâ€Energyâ€Transfer Channels and Exciton Harvesting for Powerâ€Efficient White Thermally Activated Delayed Fluorescence Diodes. Advanced Optical Materials, 2022, 10, .	7.3	4
9	CsPbBr₃ microarrays with tunable periodicity, optoelectronic and field emission properties using self-assembled polystyrene template and co-evaporation method. Physical Chemistry Chemical Physics, 2022, 24, 13210-13216.	2.8	1
10	Using fluorene to lock electronically active moieties in thermally activated delayed fluorescence emitters for high-performance non-doped organic light-emitting diodes with suppressed roll-off. Chemical Science, 2021, 12, 1495-1502.	7.4	48
11	Recent Progress in Organic Photodetectors and their Applications. Advanced Science, 2021, 8, 2002418.	11.2	249
12	Interfacial Potassiumâ€Guided Grain Growth for Efficient Deepâ€Blue Perovskite Lightâ€Emitting Diodes. Advanced Functional Materials, 2021, 31, 2006736.	14.9	93
13	Surface-induced phase engineering and defect passivation of perovskite nanograins for efficient red light-emitting diodes. Nanoscale, 2021, 13, 340-348.	5.6	22
14	Strategies to Improve Luminescence Efficiency and Stability of Blue Perovskite Lightâ€Emitting Devices. Small Science, 2021, 1, 2000048.	9.9	33
15	Efficient Circularly Polarized Electroluminescence from Chiral Thermally Activated Delayed Fluorescence Emitters Featuring Symmetrical and Rigid Coplanar Acceptors. Advanced Optical Materials, 2021, 9, 2100017.	7.3	46
16	High-Light-Tolerance PbI₂ Boosting the Stability and Efficiency of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2021, 13, 24692-24701.	8.0	21
17	Highly Efficient Sky-Blue Perovskite Light-Emitting Diode Via Suppressing Nonradiative Energy Loss. Chemistry of Materials, 2021, 33, 4154-4162.	6.7	46
18	Thermally activated delayed fluorescent emitters based on 3-(phenylsulfonyl)pyridine. Chemical Physics Letters, 2021, 771, 138474.	2.6	2

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19	Unraveling the Role of Crystallization Dynamics on Luminescence Characteristics of Perovskite Lightâ€Emitting Diodes. Laser and Photonics Reviews, 2021, 15, 2100023.	8.7	36
20	Novel D-Ïƒ-A type thermally activated delayed fluorescence emitters with Câ€“S Ïƒ bond for the orange-red OLEDs. Organic Electronics, 2021, 96, 106245.	2.6	3
21	Uniform Stepped Interfacial Energy Level Structure Boosts Efficiency and Stability of CsPbI₂Br Solar Cells. Advanced Functional Materials, 2021, 31, 2103316.	14.9	18
22	Interfacial Nucleation Seeding for Electroluminescent Manipulation in Blue Perovskite Lightâ€Emitting Diodes. Advanced Functional Materials, 2021, 31, 2103870.	14.9	72
23	17.2: Invited Paper: Pure Delayed Fluorescence Organic Lightâ€Emitting Diodes Featuring Low Driving Voltage and High Brightness. Digest of Technical Papers SID International Symposium, 2021, 52, 229-229.	0.3	0
24	Interfacial â€œAnchoring Effectâ€•Enables Efficient Largeâ€Area Skyâ€Blue Perovskite Lightâ€Emitting Diodes. Advanced Science, 2021, 8, e2102213.	11.2	35
25	Microâ€“Nanostructureâ€Assisted Luminescence in Perovskite Devices. Small Structures, 2021, 2, 2100084.	12.0	7
26	Minimizing Optical Energy Losses for Longâ€Lifetime Perovskite Lightâ€Emitting Diodes. Advanced Functional Materials, 2021, 31, 2105813.	14.9	28
27	Partial energy transfer from blue TADF sensitizer to orange fluorescent dopant for prolonging device lifetime. Materials Today Energy, 2021, 21, 100745.	4.7	3
28	High-efficiency orange thermally activated delayed fluorescence by secondary acceptor modification. Materials Today Energy, 2021, 21, 100819.	4.7	2
29	Improving the efficiency and stability of inorganic red perovskite light-emitting diodes using traces of zinc ions. Journal of Materials Chemistry C, 2021, 9, 16682-16692.	5.5	6
30	Interfacial Energy Level Tuning for Efficient and Thermostable CsPbI₂Br Perovskite Solar Cells. Advanced Science, 2020, 7, 1901952.	11.2	64
31	Recent advances in organic light-emitting diodes: toward smart lighting and displays. Materials Chemistry Frontiers, 2020, 4, 788-820.	5.9	290
32	Exploring Red, Green, and Blue Lightâ€Activated Degradation of Perovskite Films and Solar Cells for Near Space Applications. Solar Rrl, 2020, 4, 1900394.	5.8	11
33	Highâ€Efficiency White Organic Lightâ€Emitting Diodes Based on All Nondoped Thermally Activated Delayed Fluorescence Emitters. Advanced Materials Interfaces, 2020, 7, 1901758.	3.7	12
34	Highâ€Performance Nondoped Blue Delayed Fluorescence Organic Lightâ€Emitting Diodes Featuring Low Driving Voltage and High Brightness. Advanced Science, 2020, 7, 1902508.	11.2	60
35	Intramolecular H-bond design for efficient orangeâ€“red thermally activated delayed fluorescence based on a rigid dibenzo[f,h]pyrido[2,3-b]quinoxaline acceptor. Journal of Materials Chemistry C, 2020, 8, 15728-15734.	5.5	27
36	Recent advances in interface engineering of all-inorganic perovskite solar cells. Nanoscale, 2020, 12, 17149-17164.	5.6	20

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37	Charge-transfer transition regulation of thermally activated delayed fluorescence emitters by changing the valence of sulfur atoms. Journal of Materials Chemistry C, 2020, 8, 17457-17463.	5.5	11
38	Interaction of the Cation and Vacancy in Hybrid Perovskites Induced by Light Illumination. ACS Applied Materials & Interfaces, 2020, 12, 42369-42377.	8.0	9
39	Hierarchically Manipulated Charge Recombination for Mitigating Energy Loss in CsPbI2Br Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 41596-41604.	8.0	11
40	Narrow Bandpass and Efficient Semitransparent Organic Solar Cells Based on Bioinspired Spectrally Selective Electrodes. ACS Nano, 2020, 14, 5998-6006.	14.6	34
41	Enhancing the properties of perovskite quantum dot light emitting devices through grid structures formed by trioctylphosphine oxide. Journal of Materials Chemistry C, 2020, 8, 9861-9866.	5.5	4
42	Biomimetic Electrodes for Flexible Organic Solar Cells with Efficiencies over 16%. Advanced Optical Materials, 2020, 8, 2000669.	7.3	47
43	tert-Butyl substituted hetero-donor TADF compounds for efficient solution-processed non-doped blue OLEDs. Journal of Materials Chemistry C, 2020, 8, 5769-5776.	5.5	68
44	Management of Delayed Fluorophor-Sensitized Exciton Harvesting for Stable and Efficient All-Fluorescent White Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2020, 12, 16736-16742.	8.0	22
45	Rational Interface Engineering for Efficient Flexible Perovskite Light-Emitting Diodes. ACS Nano, 2020, 14, 6107-6116.	14.6	100
46	Forcing dimethylacridine crooking to improve the efficiency of orange-red thermally activated delayed fluorescent emitters. Journal of Materials Chemistry C, 2020, 8, 10416-10421.	5.5	4
47	Effects of the relative position and number of donors and acceptors on the properties of TADF materials. Journal of Materials Chemistry C, 2020, 8, 9476-9494.	5.5	50
48	Interface Engineering of Airâ€Stable nâ€Doping Fullereneâ€Modified TiO₂ Electron Transport Layer for Highly Efficient and Stable Perovskite Solar Cells. Advanced Materials Interfaces, 2020, 7, 1901964.	3.7	32
49	Accelerating hole extraction by inserting 2D Ti₃C₂-MXene interlayer to all inorganic perovskite solar cells with long-term stability. Journal of Materials Chemistry A, 2019, 7, 20597-20603.	10.3	130
50	Recent progress of light manipulation strategies in organic and perovskite solar cells. Nanoscale, 2019, 11, 18517-18536.	5.6	41
51	Releasing the Trapped Light for Efficient Silver Nanowiresâ€Based White Flexible Organic Lightâ€Emitting Diodes. Advanced Optical Materials, 2019, 7, 1900985.	7.3	32
52	Surface Plasmonâ€Assisted Transparent Conductive Electrode for Flexible Perovskite Solar Cells. Advanced Optical Materials, 2019, 7, 1900847.	7.3	13
53	Rational Molecular Design of Dibenzo[a,c]phenazine-Based Thermally Activated Delayed Fluorescence Emitters for Orange-Red OLEDs with EQE up to 22.0%. ACS Applied Materials & Interfaces, 2019, 11, 26144-26151.	8.0	73
54	Thermally activated delayed fluorescence emitters with low concentration sensitivity for highly efficient organic light emitting devices. Journal of Materials Chemistry C, 2019, 7, 8923-8928.	5.5	14

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55	Understanding the effect of N2200 on performance of J71: ITIC bulk heterojunction in ternary non-fullerene solar cells. Organic Electronics, 2019, 71, 65-71.	2.6	14
56	The modified PEDOT:PSS as cathode interfacial layer for scalable organic solar cells. Organic Electronics, 2019, 71, 143-149.	2.6	7
57	Highâ€Efficiency Perovskite Lightâ€Emitting Diodes with Synergetic Outcoupling Enhancement. Advanced Materials, 2019, 31, e1901517.	21.0	188
58	Thermally Activated Delayed Fluorescence Carbonyl Derivatives for Organic Light-Emitting Diodes with Extremely Narrow Full Width at Half-Maximum. ACS Applied Materials & Interfaces, 2019, 11, 13472-13480.	8.0	165
59	Extremely Low-Cost and Green Cellulose Passivating Perovskites for Stable and High-Performance Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 13491-13498.	8.0	71
60	Synergetic Transparent Electrode Architecture for Efficient Non-Fullerene Flexible Organic Solar Cells with >12% Efficiency. ACS Nano, 2019, 13, 4686-4694.	14.6	86
61	Multifunctional Silver Nanoparticle Interlayer-Modified ZnO as the Electron-Injection Layer for Efficient Inverted Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2019, 11, 9251-9258.	8.0	23
62	52.1: Invited Paper: Extremely Efficient Flexible Organic Lightâ€Emitting Diodes with Nanostructured Composite Electrodes. Digest of Technical Papers SID International Symposium, 2019, 50, 571-571.	0.3	0
63	Highly bright and low turn-on voltage CsPbBr3 quantum dot LEDs via conjugation molecular ligand exchange. Nano Research, 2019, 12, 109-114.	10.4	48
64	Efficient CsPbBr₃ Perovskite Lightâ€Emitting Diodes Enabled by Synergetic Morphology Control. Advanced Optical Materials, 2019, 7, 1801534.	7.3	117
65	Unraveling the light-induced degradation mechanism of CH3NH3PbI3 perovskite films. Organic Electronics, 2019, 67, 19-25.	2.6	44
66	Asymmetric Growth of Tetragon-Shaped Single-Crystalline Graphene Flakes on Copper Foil by Annealing Treatment under Oxygen-Free Conditions. Journal of Physical Chemistry C, 2019, 123, 2642-2650.	3.1	7
67	Effects of selenium substitution on optical, electrochemical, and photovoltaic properties of oxindole-based Ï€-conjugated polymers. Organic Electronics, 2019, 64, 131-137.	2.6	4
68	Recent Advances in Energetics and Stability of Metal Halide Perovskites for Optoelectronic Applications. Advanced Materials Interfaces, 2019, 6, 1801351.	3.7	29
69	A Facile Solutionâ€Processed Light Manipulation Structure for Organic Solar Cells. Advanced Optical Materials, 2019, 7, 1801292.	7.3	5
70	Balanced Partnership between Donor and Acceptor Components in Nonfullerene Organic Solar Cells with >12% Efficiency. Advanced Materials, 2018, 30, e1706363.	21.0	172
71	Influences of Polymer Residues on the Growth Properties of Pentacene Thin Film on Graphene Substrates. Journal of Physical Chemistry C, 2018, 122, 5606-5614.	3.1	5
72	Oxygen- and Water-Induced Energetics Degradation in Organometal Halide Perovskites. ACS Applied Materials & Interfaces, 2018, 10, 16225-16230.	8.0	66

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73	The Effect of Oxygen Uptake on Charge Injection Barriers in Conjugated Polymer Films. ACS Applied Materials & Interfaces, 2018, 10, 6491-6497.	8.0	12
74	In Situ Observation of Light Illumination-Induced Degradation in Organometal Mixed-Halide Perovskite Films. ACS Applied Materials & Interfaces, 2018, 10, 6737-6746.	8.0	69
75	Terthieno[3,2â€b]Thiophene (6T) Based Low Bandgap Fusedâ€Ring Electron Acceptor for Highly Efficient Solar Cells with a High Shortâ€Circuit Current Density and Low Openâ€Circuit Voltage Loss. Advanced Energy Materials, 2018, 8, 1702831.	19.5	93
76	Polymer Solar Cells with 90% External Quantum Efficiency Featuring an Ideal Lightâ€•and Chargeâ€Manipulation Layer. Advanced Materials, 2018, 30, e1706083.	21.0	76
77	Recent advances in flexible and wearable organic optoelectronic devices. Journal of Semiconductors, 2018, 39, 011011.	3.7	27
78	Novel small-molecule zwitterionic electrolyte with ultralow work function as cathode modifier for inverted polymer solar cells. Organic Electronics, 2018, 59, 15-20.	2.6	14
79	Comprehensive understanding of heat-induced degradation of triple-cation mixed halide perovskite for a robust solar cell. Nano Energy, 2018, 54, 218-226.	16.0	72
80	Highâ€Performance Flexible Perovskite Solar Cells Enabled by Lowâ€Temperature ALDâ€Assisted Surface Passivation. Advanced Optical Materials, 2018, 6, 1801153.	7.3	33
81	Dual-grating-induced light harvesting enhancement in organic solar cells. Journal of Materials Chemistry A, 2018, 6, 11830-11837.	10.3	11
82	Toward ultra-low reflectance semi-transparent organic photovoltaic cells with biomimetic nanostructured transparent electrode. Organic Electronics, 2018, 60, 38-44.	2.6	15
83	Theoretical perspective to light outcoupling and management in perovskite light-emitting diodes. Organic Electronics, 2018, 61, 351-358.	2.6	40
84	Background pressure does matter for the growth of graphene single crystal on copper foil: Key roles of oxygen partial pressure. Carbon, 2018, 138, 458-464.	10.3	17
85	Unraveling Photostability of Mixed Cation Perovskite Films in Extreme Environment. Advanced Optical Materials, 2018, 6, 1800262.	7.3	58
86	Extremely Efficient Transparent Flexible Organic Lightâ€Emitting Diodes with Nanostructured Composite Electrodes. Advanced Optical Materials, 2018, 6, 1800831.	7.3	55
87	Surface Ligand Engineering for Near-Unity Quantum Yield Inorganic Halide Perovskite QDs and High-Performance QLEDs. Chemistry of Materials, 2018, 30, 6099-6107.	6.7	217
88	Realization of efficient light out-coupling in organic light-emitting diodes with surface carbon-coated magnetic alloy nanoparticles. Nanoscale, 2017, 9, 2875-2882.	5.6	33
89	Recent Advances in Energetics of Metal Halide Perovskite Interfaces. Advanced Materials Interfaces, 2017, 4, 1600694.	3.7	51
90	Improved performance of inverted planar perovskite solar cells with F4-TCNQ doped PEDOT:PSS hole transport layers. Journal of Materials Chemistry A, 2017, 5, 5701-5708.	10.3	207

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91	0.7% Roll-off for Solution-Processed Blue Phosphorescent OLEDs with a Novel Electron Transport Material. ACS Photonics, 2017, 4, 449-453.	6.6	30
92	Inkjet-Printed Quantum Dot Light-Emitting Diodes with an Air-Stable Hole Transport Material. ACS Applied Materials & Interfaces, 2017, 9, 16351-16359.	8.0	40
93	Efficient Color-Stable Inverted White Organic Light-Emitting Diodes with Outcoupling-Enhanced ZnO Layer. ACS Applied Materials & Interfaces, 2017, 9, 2767-2775.	8.0	44
94	Pyridine-Based Electron-Transport Materials with High Solubility, Excellent Film-Forming Ability, and Wettability for Inkjet-Printed OLEDs. ACS Applied Materials & Interfaces, 2017, 9, 38716-38727.	8.0	43
95	Energy Level Alignment of N-Doping Fullerenes and Fullerene Derivatives Using Air-Stable Dopant. ACS Applied Materials & Interfaces, 2017, 9, 35476-35482.	8.0	11
96	Enhanced Light Harvesting in Perovskite Solar Cells by a Bioinspired Nanostructured Back Electrode. Advanced Energy Materials, 2017, 7, 1700492.	19.5	79
97	Transparent organic light-emitting diodes with balanced white emission by minimizing waveguide and surface plasmonic loss. Optics Express, 2017, 25, 15662.	3.4	18
98	Halide-Substituted Electronic Properties of Organometal Halide Perovskite Films: Direct and Inverse Photoemission Studies. ACS Applied Materials & Interfaces, 2016, 8, 11526-11531.	8.0	111
99	Recent advances in flexible organic light-emitting diodes. Journal of Materials Chemistry C, 2016, 4, 9116-9142.	5.5	254
100	Light Manipulation in Organic Photovoltaics. Advanced Science, 2016, 3, 1600123.	11.2	61
101	Switching Hole and Electron Transports of Molecules on Metal Oxides by Energy Level Alignment Tuning. ACS Applied Materials & Interfaces, 2016, 8, 22410-22417.	8.0	5
102	Light outcoupling enhanced flexible organic light-emitting diodes. Optics Express, 2016, 24, A674.	3.4	15
103	Toward Scalable Flexible Nanomanufacturing for Photonic Structures and Devices. Advanced Materials, 2016, 28, 10353-10380.	21.0	76
104	Enhanced light harvesting in flexible polymer solar cells: synergistic simulation of a plasmonic meta-mirror and a transparent silver mesowire electrode. Journal of Materials Chemistry A, 2016, 4, 18952-18962.	10.3	37
105	(Z)-(Thienylmethylene)oxindole-Based Polymers for High-Performance Solar Cells. Macromolecules, 2016, 49, 2145-2152.	4.8	25
106	Microcavity-Free Broadband Light Outcoupling Enhancement in Flexible Organic Light-Emitting Diodes with Nanostructured Transparent Metalâ€“Dielectric Composite Electrodes. ACS Nano, 2016, 10, 1625-1632.	14.6	101
107	Efficiently Releasing the Trapped Energy Flow in White Organic Lightâ€Emitting Diodes with Multifunctional Nanofunnel Arrays. Advanced Functional Materials, 2015, 25, 2660-2668.	14.9	47
108	The role of gap states on energy level alignment at an Î±-NPD/HAT(CN) 6 charge generation interface. Organic Electronics, 2015, 24, 120-124.	2.6	22

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109	Polymer Solar Cells: Singleâ€Junction Polymer Solar Cells Exceeding 10% Power Conversion Efficiency (Adv. Mater. 6/2015). Advanced Materials, 2015, 27, 1132-1132.	21.0	15
110	Energy Level Offsets at Lead Halide Perovskite/Organic Hybrid Interfaces and Their Impacts on Charge Separation. Advanced Materials Interfaces, 2015, 2, 1400528.	3.7	122
111	Outcoupling-Enhanced Flexible Organic Light-Emitting Diodes on Ameliorated Plastic Substrate with Built-in Indiumâ€“Tin-Oxide-Free Transparent Electrode. ACS Nano, 2015, 9, 7553-7562.	14.6	78
112	Photoemission spectroscopy study on interfacial energy level alignments in tandem organic light-emitting diodes. Journal of Electron Spectroscopy and Related Phenomena, 2015, 204, 186-195.	1.7	9
113	Unraveling the Role of Substrates on Interface Energetics and Morphology of PCDTBT:PC₇₀BM Bulk Heterojunction. Advanced Materials Interfaces, 2015, 2, 1500095.	3.7	8
114	Singleâ€Junction Polymer Solar Cells Exceeding 10% Power Conversion Efficiency. Advanced Materials, 2015, 27, 1035-1041.	21.0	1,004
115	Broadband Light Outâ€Coupling Enhancement of Flexible Organic Lightâ€Emitting Diodes Using Biomimetic Quasirandom Nanostructures. Advanced Optical Materials, 2015, 3, 203-210.	7.3	43
116	Simultaneously Enhancing Color Spatial Uniformity and Operational Stability with Deterministic Quasiâ€periodic Nanocone Arrays for Tandem Organic Lightâ€Emitting Diodes. Advanced Optical Materials, 2015, 3, 87-94.	7.3	27
117	High-Performance Flexible Organic Light-Emitting Diodes Using Embedded Silver Network Transparent Electrodes. ACS Nano, 2014, 8, 12796-12805.	14.6	154
118	The doping effect of cesium-based compounds on carrier transport and operational stability in organic light-emitting diodes. Organic Electronics, 2014, 15, 1215-1221.	2.6	29
119	Realizing both improved luminance and stability in organic light-emitting devices based on a solution-processed inter-layer composed of MoOX and Au nanoparticles mixture. Organic Electronics, 2014, 15, 961-967.	2.6	31
120	Enhanced Light Harvesting in Organic Solar Cells Featuring a Biomimetic Active Layer and a Selfâ€Cleaning Antireflective Coating. Advanced Energy Materials, 2014, 4, 1301777.	19.5	104
121	The role of charge generation layers in the operational stability of tandem organic light-emitting diodes. Journal of Materials Chemistry C, 2014, 2, 1982.	5.5	34
122	Extremely Efficient White Organic Lightâ€Emitting Diodes for General Lighting. Advanced Functional Materials, 2014, 24, 7249-7256.	14.9	140
123	Light Extraction of Trapped Optical Modes in Polymer Light-Emitting Diodes with Nanoimprinted Double-Pattern Gratings. ACS Applied Materials & Interfaces, 2014, 6, 18139-18146.	8.0	38
124	Light Manipulation for Organic Optoelectronics Using Bio-inspired Moth's Eye Nanostructures. Scientific Reports, 2014, 4, 4040.	3.3	119
125	Inverted polymer solar cells integrated with small molecular electron collection layer. Organic Electronics, 2013, 14, 1844-1851.	2.6	14
126	The role of cesium fluoride as an n-type dopant on electron transport layer in organic light-emitting diodes. Organic Electronics, 2013, 14, 839-844.	2.6	14

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127	Light extraction enhancement in organic light-emitting diodes based on localized surface plasmon and light scattering double-effect. Journal of Materials Chemistry C, 2013, 1, 4319.	5.5	49
128	Plasmonic backscattering enhancement for inverted polymer solar cells. Journal of Materials Chemistry, 2012, 22, 22781.	6.7	23
129	Plasmonic-enhanced polymer solar cells incorporating solution-processable Au nanoparticle-adhered graphene oxide. Journal of Materials Chemistry, 2012, 22, 15614.	6.7	52
130	Efficient inverted polymer solar cells incorporating doped organic electron transporting layer. Organic Electronics, 2012, 13, 697-704.	2.6	43
131	Electricâ€Fieldâ€Assisted Charge Generation and Separation Process in Transition Metal Oxideâ€Based Interconnectors for Tandem Organic Lightâ€Emitting Diodes. Advanced Functional Materials, 2012, 22, 600-608.	14.9	115
132	Correlation between the electronic structures of transition metal oxide-based intermediate connectors and the device performance of tandem organic light-emitting devices. Journal of Materials Chemistry, 2011, 21, 17476.	6.7	20
133	Interfacial electronic structures of WO3-based intermediate connectors in tandem organic light-emitting diodes. Organic Electronics, 2010, 11, 1578-1583.	2.6	37
134	Interface studies of intermediate connectors and their roles in tandem OLEDs. Journal of Materials Chemistry, 2010, 20, 2539-2548.	6.7	54
135	Tunable nâ€Type Conductivity and Transport Properties of Gaâ€doped ZnO Nanowire Arrays. Advanced Materials, 2008, 20, 168-173.	21.0	203
136	Novel Starburst Molecule as a Hole Injecting and Transporting Material for Organic Light-Emitting Devices. Chemistry of Materials, 2005, 17, 615-619.	6.7	116
137	Efficient pure-red perovskite light-emitting diodes using dual-Lewis-base molecules for interfacial modification. Journal of Materials Chemistry C, 0, , .	5.5	15