Hao-Wu Lin

List of Publications by Year
in descending order

140 papers	8,842 citations	50276 46 h-index	43889 91 g-index
147 all docs	147 docs citations	147 times ranked	9740 citing authors

#	Article	IF	Citations
1	Diboron compound-based organic light-emitting diodes with high efficiency and reduced efficiency roll-off. Nature Photonics, 2018, 12, 235-240.	31.4	669
2	Near-infrared organic light-emitting diodes with very high external quantum efficiency and radiance. Nature Photonics, 2017, 11, 63-68.	31.4	494
3	Highly Efficient Organic Blue Electrophosphorescent Devices Based on 3,6-Bis(triphenylsilyl)carbazole as the Host Material. Advanced Materials, 2006, 18, 1216-1220.	21.0	460
4	Efficient and Uniform Planarâ€Type Perovskite Solar Cells by Simple Sequential Vacuum Deposition. Advanced Materials, 2014, 26, 6647-6652.	21.0	433
5	A New Molecular Design Based on Thermally Activated Delayed Fluorescence for Highly Efficient Organic Light Emitting Diodes. Journal of the American Chemical Society, 2016, 138, 628-634.	13.7	365
6	New Molecular Design Concurrently Providing Superior Pure Blue, Thermally Activated Delayed Fluorescence and Optical Out-Coupling Efficiencies. Journal of the American Chemical Society, 2017, 139, 10948-10951.	13.7	361
7	Allâ€Vacuumâ€Deposited Stoichiometrically Balanced Inorganic Cesium Lead Halide Perovskite Solar Cells with Stabilized Efficiency Exceeding 11%. Advanced Materials, 2017, 29, 1605290.	21.0	321
8	Vacuum-Deposited Small-Molecule Organic Solar Cells with High Power Conversion Efficiencies by Judicious Molecular Design and Device Optimization. Journal of the American Chemical Society, 2012, 134, 13616-13623.	13.7	260
9	Optical properties of organometal halide perovskite thin films and general device structure design rules for perovskite single and tandem solar cells. Journal of Materials Chemistry A, 2015, 3, 9152-9159.	10.3	240
10	A Low-Energy-Gap Organic Dye for High-Performance Small-Molecule Organic Solar Cells. Journal of the American Chemical Society, 2011, 133, 15822-15825.	13.7	230
11	Organic Dyes Containing Coplanar Diphenyl-Substituted Dithienosilole Core for Efficient Dye-Sensitized Solar Cells. Journal of Organic Chemistry, 2010, 75, 4778-4785.	3.2	198
12	A donorâ€"acceptorâ€"acceptor molecule for vacuum-processed organic solar cells with a power conversion efficiency of 6.4%. Chemical Communications, 2012, 48, 1857-1859.	4.1	155
13	Examining microcavity organic light-emitting devices having two metal mirrors. Applied Physics Letters, 2005, 87, 021101.	3.3	153
14	Perovskite Photovoltaics for Dimâ€Light Applications. Advanced Functional Materials, 2015, 25, 7064-7070.	14.9	153
15	Anisotropic optical properties and molecular orientation in vacuum-deposited ter(9,9-diarylfluorene)s thin films using spectroscopic ellipsometry. Journal of Applied Physics, 2004, 95, 881-886.	2.5	151
16	Efficient Allâ€Vacuum Deposited Perovskite Solar Cells by Controlling Reagent Partial Pressure in High Vacuum. Advanced Materials, 2016, 28, 7013-7019.	21.0	143
17	Highly Efficient Visible-Blind Organic Ultraviolet Photodetectors. Advanced Materials, 2005, 17, 2489-2493.	21.0	126
18	Triphenylsilyl- and Trityl-Substituted Carbazole-Based Host Materials for Blue Electrophosphorescence. ACS Applied Materials & Interfaces, 2009, 1, 567-574.	8.0	112

#	ARTICLE	IF	CITATIONS
19	Two-step thermal annealing improves the morphology of spin-coated films for highly efficient perovskite hybrid photovoltaics. Nanoscale, 2014, 6, 10281-10288.	5.6	105
20	Efficient delayed fluorescence via tripletâ€“triplet annihilation for deep-blue electroluminescence. Chemical Communications, 2014, 50, 6869-6871.	4.1	104
21	Enhancing color gamut of white OLED displays by using microcavity green pixels. Organic Electronics, 2010, 11, 247-254.	2.6	103
22	Os(II) Based Green to Red Phosphors: A Great Prospect for Solutionâ€Processed, Highly Efficient Organic Lightâ€Emitting Diodes. Advanced Functional Materials, 2012, 22, 3491-3499.	14.9	96
23	Microcavityâ€Embedded, Colourâ€Tuneable, Transparent Organic Solar Cells. Advanced Materials, 2014, 26, 1129-1134.	21.0	95
24	BODIPY dyes with Î²-conjugation and their applications for high-efficiency inverted small molecule solar cells. Chemical Communications, 2012, 48, 8913.	4.1	94
25	Device Engineering for Highly Efficient Topâ€Illuminated Organic Solar Cells with Microcavity Structures. Advanced Materials, 2012, 24, 2269-2272.	21.0	88
26	A Method for Reducing the Singletâ€“Triplet Energy Gaps of TADF Materials for Improving the Blue OLED Efficiency. ACS Applied Materials & Interfaces, 2016, 8, 27026-27034.	8.0	87
27	Carbon Nanodot Additives Realize Highâ€Performance Airâ€Stable pâ€“iâ€“n Perovskite Solar Cells Providing Efficiencies of up to 20.2%. Advanced Energy Materials, 2018, 8, 1802323.	19.5	86
28	Molecular Design of Highly Efficient Thermally Activated Delayed Fluorescence Hosts for Blue Phosphorescent and Fluorescent Organic Light-Emitting Diodes. Chemistry of Materials, 2017, 29, 1527-1537.	6.7	85
29	Perovskite Quantum Dots with Near Unity Solution and Neatâ€Film Photoluminescent Quantum Yield by Novel Spray Synthesis. Advanced Materials, 2018, 30, 1705532.	21.0	84
30	Transparent and Flexible Inorganic Perovskite Photonic Artificial Synapses with Dualâ€Mode Operation. Advanced Functional Materials, 2021, 31, 2008259.	14.9	83
31	Superior upconversion fluorescence dopants for highly efficient deep-blue electroluminescent devices. Chemical Science, 2016, 7, 4044-4051.	7.4	76
32	Perovskite Quantum Dot Lasing in a Gap-Plasmon Nanocavity with Ultralow Threshold. ACS Nano, 2020, 14, 11670-11676.	14.6	71
33	Continuous blade coating for multi-layer large-area organic light-emitting diode and solar cell. Journal of Applied Physics, 2011, 110, .	2.5	70
34	New A-A-D-A-A-Type Electron Donors for Small Molecule Organic Solar Cells. Organic Letters, 2011, 13, 4962-4965.	4.6	68
35	A solution-processed molybdenum oxide treated silver nanowire network: a highly conductive transparent conducting electrode with superior mechanical and hole injection properties. Nanoscale, 2015, 7, 4572-4579.	5.6	68
36	Influences of molecular orientations on stimulated emission characteristics of oligofluorene films. Organic Electronics, 2007, 8, 189-197.	2.6	55

#	Article	IF	Citations
37	All-small-molecule efficient white organic light-emitting diodes by multi-layer blade coating. Organic Electronics, 2012, 13, 914-918.	2.6	55
38	New Molecular Donors with Dithienopyrrole as the Electron-Donating Group for Efficient Small-Molecule Organic Solar Cells. Chemistry of Materials, 2014, 26, 4361-4367.	6.7	54
39	Pressure Welding of Silver Nanowires Networks at Room Temperature as Transparent Electrodes for Efficient Organic Lightâ€Emitting Diodes. Small, 2018, 14, e1800541.	10.0	54
40	A thermally activated delayed blue fluorescent emitter with reversible externally tunable emission. Journal of Materials Chemistry C, 2016, 4, 900-904.	5.5	52
41	Band Tunable Microcavity Perovskite Artificial Human Photoreceptors. Advanced Materials, 2019, 31, e1900231.	21.0	52
42	High-efficiency polymer solar cells by blade coating in chlorine-free solvents. Organic Electronics, 2014, 15, 893-903.	2.6	51
43	Performance Characterization of Dye-Sensitized Photovoltaics under Indoor Lighting. Journal of Physical Chemistry Letters, 2017, 8, 1824-1830.	4.6	51
44	Spiroconjugation-enhanced intermolecular charge transport. Applied Physics Letters, 2005, 87, 052103.	3.3	49
45	Bifacial Perovskite Solar Cells Featuring Semitransparent Electrodes. ACS Applied Materials & Interfaces, 2017, 9, 32635-32642.	8.0	49
46	Thermally activated delayed fluorescence emitters with a m,m-di-tert-butyl-carbazolyl benzoylpyridine core achieving extremely high blue electroluminescence efficiencies. Journal of Materials Chemistry C, 2017, 5, 2919-2926.	5.5	48
47	A bipolar host containing carbazole/dibenzothiophene for efficient solution-processed blue and white phosphorescent OLEDs. Journal of Materials Chemistry C, 2013, 1, 6835.	5.5	47
48	A new donorâ€"acceptor molecule with uniaxial anisotropy for efficient vacuum-deposited organic solar cells. Chemical Communications, 2011, 47, 7872.	4.1	46
49	Defect Passivation by Amide-Based Hole-Transporting Interfacial Layer Enhanced Perovskite Grain Growth for Efficient pâ€"iâ€"n Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 40050-40061.	8.0	46
50	Panchromatic heterojunction solar cells for Pb-free all-inorganic antimony based perovskite. Chemical Engineering Journal, 2021, 419, 129424.	12.7	46
51	Solution-processed hexaazatriphenylene hexacarbonitrile as a universal hole-injection layer for organic light-emitting diodes. Organic Electronics, 2013, 14, 1204-1210.	2.6	44
52	Intense terahertz emission from a-plane InN surface. Applied Physics Letters, 2008, 92, .	3.3	43
53	Solid-state light-emitting electrochemical cells employing phosphor-sensitized fluorescence. Journal of Materials Chemistry, 2010, 20, 5521.	6.7	43
54	Pyridine-Carbonitrileâ€"Carbazole-Based Delayed Fluorescence Materials with Highly Congested Structures and Excellent OLED Performance. ACS Applied Materials & Interfaces, 2019, 11, 21042-21048.	8.0	40

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55	High-Quality Conformal Homogeneous All-Vacuum Deposited CsPbCl₃ Thin Films and Their UV Photodiode Applications. ACS Applied Materials & Interfaces, 2019, 11, 47054-47062.	8.0	40
56	Pyridine-based electron transporting materials for highly efficient organic solar cells. Journal of Materials Chemistry A, 2013, 1, 1770-1777.	10.3	39
57	Efficient inverted quasi-bilayer organic solar cells fabricated by using non-halogenated solvent processes. Journal of Materials Chemistry A, 2014, 2, 13398-13406.	10.3	39
58	Insight into Evolution, Processing and Performance of Multi-length-scale Structures in Planar Heterojunction Perovskite Solar Cells. Scientific Reports, 2015, 5, 13657.	3.3	37
59	Unmodified small-molecule organic light-emitting diodes by blade coating. Organic Electronics, 2012, 13, 2149-2155.	2.6	35
60	Highly efficient bifacial transparent organic solar cells with power conversion efficiency greater than 3% and transparency of 50%. Organic Electronics, 2012, 13, 1722-1728.	2.6	35
61	Direct evidence of 8:9 commensurate heterojunction formed between InN and AlN on c plane. Applied Physics Letters, 2005, 87, 241916.	3.3	34
62	Benzochalcogenodiazoleâ€Based Donorâ€“Acceptorâ€“Acceptor Molecular Donors for Organic Solar Cells. ChemSusChem, 2014, 7, 457-465.	6.8	34
63	Boosting thin-film perovskite solar cell efficiency through vacuum-deposited sub-nanometer small-molecule electron interfacial layers. Nano Energy, 2017, 38, 66-71.	16.0	34
64	Structureâ€“Performance Correlations of Organic Dyes with an Electronâ€Deficient Diphenylquinoxaline Moiety for Dyeâ€Sensitized Solar Cells. Chemistry - A European Journal, 2014, 20, 10052-10064.	3.3	33
65	An effective bilayer cathode buffer for highly efficient small molecule organic solar cells. Organic Electronics, 2012, 13, 1925-1929.	2.6	32
66	Slow Organicâ€toâ€Inorganic Subâ€Lattice Thermalization in Methylammonium Lead Halide Perovskites Observed by Ultrafast Photoluminescence. Advanced Energy Materials, 2016, 6, 1600422.	19.5	32
67	Highly efficient organic solar cells using a solution-processed active layer with a small molecule donor and pristine fullerene. Journal of Materials Chemistry A, 2014, 2, 3709-3714.	10.3	31
68	Top Illuminated Hysteresis-Free Perovskite Solar Cells Incorporating Microcavity Structures on Metal Electrodes: A Combined Experimental and Theoretical Approach. ACS Applied Materials & Interfaces, 2018, 10, 17973-17984.	8.0	31
69	Efficient solution-processed green and white phosphorescence organic light-emitting diodes based on bipolar host materials. Organic Electronics, 2015, 17, 1-8.	2.6	30
70	Efficient Cesium Lead Halide Perovskite Solar Cells through Alternative Thousandâ€Layer Rapid Deposition. Advanced Functional Materials, 2019, 29, 1905163.	14.9	30
71	Utilizing surface plasmon polariton mediated energy transfer for tunable double-emitting organic light-emitting devices. Organic Electronics, 2010, 11, 397-406.	2.6	29
72	Highly efficient inverted rapid-drying blade-coated organic solar cells. Organic Electronics, 2012, 13, 705-709.	2.6	29

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73	Photovoltaic performance of novel pushâ€“pullâ€“push thienylâ€“Bodipy dyes in solution-processed BHJ-solar cells. New Journal of Chemistry, 2014, 38, 1701-1710.	2.8	29
74	Vacuum-deposited perovskite photovoltaics for highly efficient environmental light energy harvesting. Journal of Materials Chemistry A, 2019, 7, 3612-3617.	10.3	29
75	Charge Carrier Dynamics of Vapor-Deposited Small-Molecule/Fullerene Organic Solar Cells. Journal of the American Chemical Society, 2013, 135, 8790-8793.	13.7	27
76	Vacuum-Deposited Organometallic Halide Perovskite Light-Emitting Devices. ACS Applied Materials & Interfaces, 2017, 9, 40516-40522.	8.0	26
77	Origins of device performance in dicarboxyterpyridine Ru(ii) dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2012, 14, 14190.	2.8	24
78	Performance enhancement of metal nanowire-based transparent electrodes by electrically driven nanoscale nucleation of metal oxides. Nanoscale, 2015, 7, 12698-12705.	5.6	24
79	Binary halide, ternary perovskite-like, and perovskite-derivative nanostructures: hot injection synthesis and optical and photocatalytic properties. Nanoscale, 2017, 9, 3747-3751.	5.6	24
80	Triphenylamine dibenzofulveneâ€“derived dopantâ€free hole transporting layer induces micrometerâ€sized perovskite grains for highly efficient near 20% for pâ€iâ€n perovskite solar cells. Progress in Photovoltaics: Research and Applications, 2020, 28, 49-59.	8.1	24
81	Enhancing Quantum Yield in Strained MoS₂ Bilayers by Morphology-Controlled Plasmonic Nanostructures toward Superior Photodetectors. Chemistry of Materials, 2020, 32, 2242-2252.	6.7	24
82	Morphology, molecular stacking, dynamics and device performance correlations of vacuum-deposited small-molecule organic solar cells. Physical Chemistry Chemical Physics, 2014, 16, 8852-8864.	2.8	23
83	Forming a Metal-Free Oxidatively Coupled Agent, Bicarbazole, as a Defect Passivation for HTM and an Interfacial Layer in a pâ€“iâ€“n Perovskite Solar Cell Exhibits Nearly 20% Efficiency. Chemistry of Materials, 2020, 32, 127-138.	6.7	22
84	Aâ€“Dâ€“A type organic donors employing coplanar heterocyclic cores for efficient small molecule organic solar cells. Organic Electronics, 2016, 28, 229-238.	2.6	21
85	Orthogonally weaved silver nanowire networks for very efficient organic optoelectronic devices. Organic Electronics, 2017, 43, 15-20.	2.6	20
86	Perovskite Photosensors Integrated with Silver Resonantâ€Cavity Color Filters Display Color Perception Beyond That of the Human Eye. Advanced Functional Materials, 2020, 30, 2002503.	14.9	19
87	Blade coating of Tris(8-hydroxyquinolinato)aluminum as the electron-transport layer for all-solution blue fluorescent organic light-emitting diodes. Organic Electronics, 2016, 29, 99-106.	2.6	18
88	Highly Uniform Allâ€Vacuumâ€Deposited Inorganic Perovskite Artificial Synapses for Reservoir Computing. Advanced Intelligent Systems, 2021, 3, 2000196.	6.1	18
89	Synergistic improvements in the performance and stability of inverted planar MAPbI₃-based perovskite solar cells incorporating benzylammonium halide salt additives. Materials Chemistry Frontiers, 2021, 5, 3378-3387.	5.9	18
90	Small Molecules with Controllable Molecular Weights Passivate Surface Defects in Airâ€Stable pâ€iâ€n Perovskite Solar Cells. Advanced Electronic Materials, 2021, 7, 2000870.	5.1	18

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91	Vacuum-free lamination of low work function cathode for efficient solution-processed organic light-emitting diodes. Organic Electronics, 2012, 13, 388-393.	2.6	17
92	Design of Os^{II}â€based Sensitizers for Dyeâ€Sensitized Solar Cells: Influence of Heterocyclic Ancillaries. ChemSusChem, 2013, 6, 1366-1375.	6.8	17
93	Single-emission-layer white organic light-emitting devices: Chromaticity and colour-rendering consideration. Organic Electronics, 2014, 15, 517-523.	2.6	17
94	Photovoltaic Performance Enhancement of Perovskite Solar Cells Using Polyimide and Polyamic Acid as Additives. Journal of Physical Chemistry C, 2019, 123, 23826-23833.	3.1	17
95	CH₃NH₃Pb_{1â€“<i>x</i>}Co<i>_x</i>Br_{3â€“2<i>x</i>}Cl<sub>2<i>x</ Perovskite Quantum Dots for Wide-Color Backlighting. ACS Applied Nano Materials, 2021, 4, 717-728.	5.0	17
96	All-Vacuum-Deposited Perovskite X-ray Detector with a Record-High Self-Powered Sensitivity of 1.2 C Gy^{â€“1} cm^{â€“3}. ACS Applied Materials & Interfaces, 2022, 14, 19795-19805.	8.0	17
97	Room-Temperature Fabricated Multilevel Nonvolatile Lead-Free Cesium Halide Memristors for Reconfigurable In-Memory Computing. ACS Nano, 2022, 16, 12979-12990.	14.6	16
98	Characterizing coherence lengths of organic light-emitting devices using Newtonâ€™s rings apparatus. Organic Electronics, 2010, 11, 439-444.	2.6	15
99	General application of blade coating to small-molecule hosts for organic light-emitting diode. Synthetic Metals, 2014, 196, 99-109.	3.9	15
100	Vacuum-deposited interconnection layers for tandem solar cells. Organic Electronics, 2014, 15, 1828-1835.	2.6	15
101	Very Robust Spray-Synthesized CsPbI₃ Quantum Emitters with Ultrahigh Room-Temperature Cavity-Free Brightness and Self-Healing Ability. ACS Nano, 2021, 15, 11358-11368.	14.6	15
102	Spontaneous formation of light-trapping nano-structures for top-illumination organic solar cells. Nanoscale, 2014, 6, 2316.	5.6	14
103	Very high hole drift mobility in neat and doped molecular thin films for normal and inverted perovskite solar cells. Nano Energy, 2017, 41, 681-686.	16.0	14
104	Thermal and angular dependence of nextâ€generation photovoltaics under indoor lighting. Progress in Photovoltaics: Research and Applications, 2020, 28, 111-121.	8.1	13
105	Multiâ€Channel Pumped Ultrasonic Sprayâ€Coating for Highâ€Throughput and Scalable Mixed Halide Perovskite Solar Cells. Advanced Materials Interfaces, 2021, 8, 2001509.	3.7	13
106	Experimental and theoretical studies of lattice dynamics of Mg-doped InN. Applied Physics Letters, 2007, 91, 111917.	3.3	12
107	Tuning stimulated emission of organic thin films by molecular reorientation. Applied Physics Letters, 2005, 87, 071910.	3.3	11
108	Interface and thickness tuning for blade coated small-molecule organic light-emitting diodes with high power efficiency. Journal of Applied Physics, 2013, 114, 123101.	2.5	11

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109	Geometrical Isomerism of Ru^{II} Dyeâ€Sensitized Solar Cell Sensitizers and Effects on Photophysical Properties and Device Performances. ChemPhysChem, 2014, 15, 1207-1215.	2.1	11
110	Cofacial Versus Coplanar Arrangement in Centrosymmetric Packing Dimers of Dipolar Small Molecules: Structural Effects on the Crystallization Behaviors and Optoelectronic Characteristics. ACS Applied Materials & Interfaces, 2016, 8, 18266-18276.	8.0	11
111	Recent Progress on Advanced Optical Structures for Emerging Photovoltaics and Photodetectors. Advanced Energy and Sustainability Research, 2020, 1, 2000035.	5.8	11
112	Organic Lead Halide Nanocrystals Providing an Ultra-Wide Color Gamut with Almost-Unity Photoluminescence Quantum Yield. ACS Applied Materials & Interfaces, 2021, 13, 25202-25213.	8.0	11
113	Photophysical studies on Dâ€“Ï€â€“A dye-sensitized solar cells: Effects of Ï€-bridge and hexyloxy side chains in donor moieties. Organic Electronics, 2013, 14, 1037-1044.	2.6	10
114	Boron Carbon Oxynitride as a Novel Metal-Free Photocatalyst. Nanoscale Research Letters, 2021, 16, 176.	5.7	10
115	Novel oxygen sensor based on terfluorene thin-film and its enhanced sensitivity by stimulated emission. Journal of Materials Chemistry, 2012, 22, 13446.	6.7	9
116	SIMS and Raman studies of Mgâ€doped InN. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 1648-1651.	0.8	7
117	Continuously tunable organic solid-state DFB laser utilizing molecular reorientation in molecular glasses. Organic Electronics, 2013, 14, 2540-2545.	2.6	7
118	Multilayer rapid-drying blade coating for organic solar cells by low boiling point solvents. Japanese Journal of Applied Physics, 2014, 53, 062301.	1.5	7
119	Tunable chromaticity stability in solution-processed organic light emitting devices. Organic Electronics, 2015, 20, 36-42.	2.6	7
120	Commercially available jeffamine additives for pâ€“iâ€“n perovskite solar cells. Nanotechnology, 2020, 31, 274002.	2.6	7
121	Quantum Dots: Perovskite Quantum Dots with Near Unity Solution and Neatâ€Film Photoluminescent Quantum Yield by Novel Spray Synthesis (Adv. Mater. 7/2018). Advanced Materials, 2018, 30, 1870048.	21.0	6
122	Perovskite Photoreceptors: Band Tunable Microcavity Perovskite Artificial Human Photoreceptors (Adv. Mater. 24/2019). Advanced Materials, 2019, 31, 1970170.	21.0	6
123	Tunable organic solid-state DFB laser utilizing molecular reorientation. , 2007, , .		5
124	ITO-free inverted polymer solar cell on metal substrate with top-illumination. Synthetic Metals, 2014, 187, 172-177.	3.9	4
125	Perovskite Solar Cells: Carbon Nanodot Additives Realize Highâ€Performance Airâ€Stable pâ€“iâ€“n Perovskite Solar Cells Providing Efficiencies of up to 20.2% (Adv. Energy Mater. 34/2018). Advanced Energy Materials, 2018, 8, 1870147.	19.5	3
126	Packing-Shape Effects of Optical Properties in Amplified Spontaneous Emission through Dynamics of Orbitâ€“Orbit Polarization Interaction in Hybrid Perovskite Quantum Dots Based on Self-Assembly. Journal of Physical Chemistry Letters, 2021, 12, 11894-11901.	4.6	3

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127	Organic Solar Cells: Microcavity-Embedded, Colour-Tuneable, Transparent Organic Solar Cells (Adv.) Tj ETQq1 1 0.784314 rgBT /Overloc	21.0	2
128	Multi-photon properties in various condensed phases of dendritic chromophores derived from carbazole and indenoquioxaline units: Synthesis and characterization. Dyes and Pigments, 2019, 168, 140-150.	3.7	2
129	11.4: Highly Efficient Blue Organic Electrophosphorescent Devices Based on 3,6-Bis(triphenylsilyl)Carbazole as the Host Material. Digest of Technical Papers SID International Symposium, 2006, 37, 139.	0.3	1
130	Electromagnetic Modeling of OLEDs and its Applications to High-cd/A OLEDs. , 2006, , .		1
131	Organic Light-Emitting Diodes: Os(II) Based Green to Red Phosphors: A Great Prospect for Solution-Processed, Highly Efficient Organic Light-Emitting Diodes (Adv. Funct. Mater. 16/2012). Advanced Functional Materials, 2012, 22, 3318-3318.	14.9	1
132	Microcavity Structures: Device Engineering for Highly Efficient Top-Illuminated Organic Solar Cells with Microcavity Structures (Adv. Mater. 17/2012). Advanced Materials, 2012, 24, 2268-2268.	21.0	1
133	Solution-processed organic light-emitting diodes with a power efficacy exceeding 100lm/W using multiple light extraction approaches. Solid-State Electronics, 2015, 105, 58-62.	1.4	1
134	Vacuum Fabrication: Efficient Cesium Lead Halide Perovskite Solar Cells through Alternative Thousandâ€Layer Rapid Deposition (Adv. Funct. Mater. 44/2019). Advanced Functional Materials, 2019, 29, 1970303.	14.9	1
135	Ultrasonic Sprayâ€Coatings: Multiâ€Channel Pumped Ultrasonic Sprayâ€Coating for Highâ€Throughput and Scalable Mixed Halide Perovskite Solar Cells (Adv. Mater. Interfaces 5/2021). Advanced Materials Interfaces, 2021, 8, 2170023.	3.7	1
136	Highly efficient blue phosphorescent OLEDs using large bandgap host materials. , 2006, 6192, 301.		0
137	Optical processes of organic emitters in optical microcavity. Proceedings of SPIE, 2007, , .	0.8	0
138	Low-threshold deep-blue organic thin-film distributed feedback laser. , 2007, , .		0
139	Unusual photoluminescence properties of vertically aligned InN nanorods grown by plasma-assisted molecular-beam epitaxy. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 2465-2468.	0.8	0
140	A high efficiency UV-VIS organic photodetector by an invertedPTB7: PC71BM bulk heterojunction structure. , 2015, , .		0