Wenbin Guo

List of Publications by Year
in descending order

146 papers	3,607 citations	159573 30 h-index	189881 50 g-index
156 all docs	156 docs citations	156 times ranked	4688 citing authors

#	Article	IF	Citations
1	Rapid and Dynamic Alternative Splicing Impacts the Arabidopsis Cold Response Transcriptome. Plant Cell, 2018, 30, 1424-1444.	6.6	294
2	A high quality Arabidopsis transcriptome for accurate transcript-level analysis of alternative splicing. Nucleic Acids Research, 2017, 45, 5061-5073.	14.5	262
3	Strategies of modifying spiro-OMeTAD materials for perovskite solar cells: a review. Journal of Materials Chemistry A, 2021, 9, 4589-4625.	10.3	149
4	High sensitive and fast formaldehyde gas sensor based on Ag-doped LaFeO3 nanofibers. Journal of Alloys and Compounds, 2017, 695, 1122-1127.	5.5	102
5	Recent Progress of Inverted Perovskite Solar Cells with a Modified PEDOT:PSS Hole Transport Layer. ACS Applied Materials & Interfaces, 2020, 12, 49297-49322.	8.0	88
6	High performance humidity sensor based on metal organic framework MIL-101(Cr) nanoparticles. Journal of Alloys and Compounds, 2017, 695, 520-525.	5.5	82
7	Highly Efficient Semitransparent Polymer Solar Cells with Color Rendering Index Approaching 100 Using One-Dimensional Photonic Crystal. ACS Applied Materials & Interfaces, 2015, 7, 9920-9928.	8.0	81
8	Barley SIX-ROWED SPIKE3 encodes a putative Jumonji C-type H3K9me2/me3 demethylase that represses lateral spikelet fertility. Nature Communications, 2017, 8, 936.	12.8	78
9	Cold-Dependent Expression and Alternative Splicing of Arabidopsis Long Non-coding RNAs. Frontiers in Plant Science, 2019, 10, 235.	3.6	70
10	High-Efficiency and High-Color-Rendering-Index Semitransparent Polymer Solar Cells Induced by Photonic Crystals and Surface Plasmon Resonance. ACS Applied Materials & Interfaces, 2018, 10, 6513-6520.	8.0	68
11	Performance improvement of TiO2â^•P3HT solar cells using CuPc as a sensitizer. Applied Physics Letters, 2008, 92, 073307.	3.3	67
12	Enhanced toluene sensing performance of gold-functionalized WO 3 Â·H 2 O nanosheets. Sensors and Actuators B: Chemical, 2016, 223, 761-767.	7.8	58
13	TSIS: an R package to infer alternative splicing isoform switches for time-series data. Bioinformatics, 2017, 33, 3308-3310.	4.1	58
14	3D RNA-seq: a powerful and flexible tool for rapid and accurate differential expression and alternative splicing analysis of RNA-seq data for biologists. RNA Biology, 2021, 18, 1574-1587.	3.1	58
15	V-doped In2O3 nanofibers for H2S detection at low temperature. Ceramics International, 2014, 40, 6685-6689.	4.8	55
16	Highly Efficient Low-Bandgap Polymer Solar Cells with Solution-Processed and Annealing-Free Phosphomolybdic Acid as Hole-Transport Layers. ACS Applied Materials & Interfaces, 2015, 7, 5367-5372.	8.0	52
17	At RTD â€" a comprehensive reference transcript dataset resource forÂaccurate quantification of transcriptâ€specific expression in Arabidopsis thaliana. New Phytologist, 2015, 208, 96-101.	7.3	50
18	BaRTv1.0: an improved barley reference transcript dataset to determine accurate changes in the barley transcriptome using RNA-seq. BMC Genomics, 2019, 20, 968.	2.8	50

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19	Performance Improvement of Polymer Solar Cells by Surface-Energy-Induced Dual Plasmon Resonance. ACS Applied Materials & Interfaces, 2016, 8, 6183-6189.	8.0	46
20	Highly efficient and high transmittance semitransparent polymer solar cells with one-dimensional photonic crystals as distributed Bragg reflectors. Organic Electronics, 2014, 15, 470-477.	2.6	45
21	Surface Plasmon Resonance Enhanced Polymer Solar Cells by Thermally Evaporating Au into Buffer Layer. ACS Applied Materials & Interfaces, 2015, 7, 18866-18871.	8.0	45
22	Improving charge transport property and energy transfer with carbon quantum dots in inverted polymer solar cells. Applied Physics Letters, 2014, 105, .	3.3	42
23	Nonsense-Mediated RNA Decay Factor UPF1 Is Critical for Posttranscriptional and Translational Gene Regulation in Arabidopsis. Plant Cell, 2020, 32, 2725-2741.	6.6	42
24	Semitransparent inverted polymer solar cells using MoO3/Ag/V2O5 as transparent anodes. Solar Energy Materials and Solar Cells, 2012, 97, 59-63.	6.2	40
25	Semitransparent polymer solar cells with one-dimensional (WO3/LiF)N photonic crystals. Applied Physics Letters, 2012, 101, .	3.3	37
26	Surface Chlorination of ZnO for Perovskite Solar Cells with Enhanced Efficiency and Stability. Solar Rrl, 2019, 3, 1900154.	5.8	37
27	A high-resolution single-molecule sequencing-based Arabidopsis transcriptome using novel methods of Iso-seq analysis. Genome Biology, 2022, 23, .	8.8	35
28	Downy Mildew effector HaRxL21 interacts with the transcriptional repressor TOPLESS to promote pathogen susceptibility. PLoS Pathogens, 2020, 16, e1008835.	4.7	34
29	An easily prepared carbon quantum dots and employment for inverted organic photovoltaic devices. Chemical Engineering Journal, 2017, 315, 621-629.	12.7	33
30	High-efficiency polymer solar cells with low temperature solution-processed SnO₂/PFN as a dual-function electron transporting layer. Journal of Materials Chemistry A, 2018, 6, 17401-17408.	10.3	33
31	Efficient perovskite solar cells enabled by ion-modulated grain boundary passivation with a fill factor exceeding 84%. Journal of Materials Chemistry A, 2019, 7, 22359-22365.	10.3	33
32	The Effect of Drought on Transcriptome and Hormonal Profiles in Barley Genotypes With Contrasting Drought Tolerance. Frontiers in Plant Science, 2020, 11, 618491.	3.6	33
33	Open-circuit voltage enhancement of inverted polymer bulk heterojunction solar cells by doping NaYF4 nanoparticles/PVP composites. Journal of Materials Chemistry, 2012, 22, 22382.	6.7	32
34	Unique Gold Nanorods Embedded Active Layer Enabling Strong Plasmonic Effect To Improve the Performance of Polymer Photovoltaic Devices. Journal of Physical Chemistry C, 2016, 120, 6198-6205.	3.1	32
35	Annealing-Free ZnO:PEI Composite Cathode Interfacial Layer for Efficient Organic Solar Cells. ACS Photonics, 2017, 4, 2952-2958.	6.6	32
36	Magnetic coupling metasurface for achieving broad-band and broad-angular absorption in the MoS_2 monolayer. Optical Materials Express, 2017, 7, 100.	3.0	31

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37	Improving the performance of perovskite solar cells by surface passivation. Journal of Energy Chemistry, 2020, 46, 202-207.	12.9	31
38	Efficiency enhancement of inverted polymer solar cells by doping NaYF4:Yb3+, Er3+ nanocomposites in PCDTBT:PCBM active layer. Solar Energy Materials and Solar Cells, 2014, 124, 126-132.	6.2	29
39	Enhanced Electron Extraction Capability of Polymer Solar Cells via Employing Electrostatically Self-Assembled Molecule on Cathode Interfacial Layer. ACS Applied Materials & Interfaces, 2016, 8, 8224-8231.	8.0	29
40	Efficient 4,4â€²,4â€³â€tris(3â€methylphenylphenylamino)triphenylamine (mâ€MTDATA) Hole Transport Layer in Perovskite Solar Cells Enabled by Using the Nonstoichiometric Precursors. Advanced Functional Materials, 2018, 28, 1803126.	14.9	29
41	Decreased Charge Transport Barrier and Recombination of Organic Solar Cells by Constructing Interfacial Nanojunction with Annealing-Free ZnO and Al Layers. ACS Applied Materials & Interfaces, 2017, 9, 22068-22075.	8.0	28
42	Colored semitransparent polymer solar cells with a power conversion efficiency of 9.36% achieved by controlling the optical Tamm state. Journal of Materials Chemistry A, 2019, 7, 4102-4109.	10.3	27
43	pâ€"n Heterojunction diodes made by assembly of ITO/nano-crystalline TiO2/polyaniline/ITO. Synthetic Metals, 2006, 156, 414-416.	3.9	26
44	The role of Ag nanoparticles in inverted polymer solar cells: Surface plasmon resonance and backscattering centers. Applied Physics Letters, 2013, 102, .	3.3	26
45	Effective stability enhancement in ZnO-based perovskite solar cells by MACl modification. Journal of Materials Chemistry A, 2021, 9, 12161-12168.	10.3	26
46	The Performance Enhancement of Polymer Solar Cells by Introducing Cadmium-Free Quantum Dots. Journal of Physical Chemistry C, 2015, 119, 26747-26752.	3.1	25
47	Boosted Electron Transport and Enlarged Built-In Potential by Eliminating the Interface Barrier in Organic Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 8830-8837.	8.0	25
48	Impedance investigation of the highly efficient polymer solar cells with composite CuBr₂/MoO₃hole transport layer. Physical Chemistry Chemical Physics, 2017, 19, 20839-20846.	2.8	25
49	How does temperature affect splicing events? Isoform switching of splicing factors regulates splicing of <i>LATE ELONGATED HYPOCOTYL</i> (<i>LHY</i>). Plant, Cell and Environment, 2018, 41, 1539-1550.	5.7	25
50	Using easily prepared carbon nanodots to improve hole transport capacity of perovskite solar cells. Materials Today Energy, 2019, 12, 161-167.	4.7	25
51	Light harvesting enhancement toward low IPCE region of semitransparent polymer solar cells via one-dimensional photonic crystal reflectors. Solar Energy Materials and Solar Cells, 2014, 127, 27-32.	6.2	24
52	Performance improvement of inverted polymer solar cells by doping Au nanoparticles into TiO2 cathode buffer layer. Applied Physics Letters, 2013, 103, .	3.3	23
53	Highly efficient ITO-free polymer solar cells based on metal resonant microcavity using WO3/Au/WO3 as transparent electrodes. Organic Electronics, 2014, 15, 1545-1551.	2.6	23
54	Incorporating self-assembled silane-crosslinked carbon dots into perovskite solar cells to improve efficiency and stability. Journal of Materials Chemistry A, 2020, 8, 5629-5637.	10.3	23

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55	Improving the charge carrier transport of organic solar cells by incorporating a deep energy level molecule. Physical Chemistry Chemical Physics, 2017, 19, 245-250.	2.8	22
56	Performance improvement of planar perovskite solar cells with cobalt-doped interface layer. Applied Surface Science, 2020, 507, 145081.	6.1	22
57	Developing 1D Sbâ€Embedded Carbon Nanorods to Improve Efficiency and Stability of Inverted Planar Perovskite Solar Cells. Small, 2019, 15, e1804692.	10.0	21
58	Improving the efficiency of inverted polymer solar cells by introducing inorganic dopants. Physical Chemistry Chemical Physics, 2015, 17, 7960-7965.	2.8	20
59	Improved Power Conversion Efficiency of Inverted Organic Solar Cells by Incorporating Au Nanorods into Active Layer. ACS Applied Materials & Interfaces, 2015, 7, 15848-15854.	8.0	20
60	Differential nucleosome occupancy modulates alternative splicing in <i>Arabidopsis thaliana</i>. New Phytologist, 2021, 229, 1937-1945.	7.3	19
61	Small molecules based on tetrazine unit for efficient performance solution-processed organic solar cells. Solar Energy Materials and Solar Cells, 2016, 155, 30-37.	6.2	18
62	Characterization and Humidity Sensing Properties of the Sensor Based on Na₂Ti₃O₇ Nanotubes. Journal of Nanoscience and Nanotechnology, 2014, 14, 4303-4307.	0.9	17
63	Versatile dual organic interface layer for performance enhancement of polymer solar cells. Journal of Power Sources, 2016, 333, 99-106.	7.8	17
64	<scp>BaRTv2</scp>: a highly resolved barley reference transcriptome for accurate transcriptâ€specific <scp>RNA</scp>â€seq quantification. Plant Journal, 2022, 111, 1183-1202.	5.7	17
65	Efficiency Improvement of Organic Solar Cells via Introducing Combined Anode Buffer Layer To Facilitate Hole Extraction. Journal of Physical Chemistry C, 2016, 120, 13954-13962.	3.1	16
66	Employing Easily Prepared Carbon Nanoparticles To Improve Performance of Inverted Organic Solar Cells. ACS Sustainable Chemistry and Engineering, 2016, 4, 2359-2365.	6.7	16
67	Cations Functionalized Carbon Nanoâ€Dots Enabling Interfacial Passivation and Crystallization Control for Inverted Perovskite Solar Cells. Solar Rrl, 2020, 4, 1900369.	5.8	16
68	Incorporating a Polar Molecule to Passivate Defects for Perovskite Solar Cells. Solar Rrl, 2020, 4, 1900489.	5.8	16
69	Efficiency enhancement of inverted organic solar cells by introducing PFDTBT quantum dots into PCDTBT:PC71BM active layer. Organic Electronics, 2014, 15, 2632-2638.	2.6	15
70	Performance improvement of inverted polymer solar cells thermally evaporating CuI as an anode buffer layer. Synthetic Metals, 2014, 198, 1-5.	3.9	15
71	Semi-transparent polymer solar cells with optical adjusting layers. Journal of Materials Chemistry C, 2018, 6, 9494-9500.	5.5	15
72	Improved color rendering index of low band gap semi-transparent polymer solar cells using one-dimensional photonic crystals. RSC Advances, 2015, 5, 54638-54644.	3.6	14

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73	Chromatin accessibility landscapes activated by cell-surface and intracellular immune receptors. Journal of Experimental Botany, 2021, 72, 7927-7941.	4.8	14
74	Preparation and employment of carbon nanodots to improve electron extraction capacity of polyethylenimine interfacial layer for polymer solar cells. Organic Electronics, 2016, 33, 62-70.	2.6	13
75	The role of Au nanorods in highly efficient inverted low bandgap polymer solar cells. Applied Physics Letters, 2014, 105, 223305.	3.3	12
76	Toward Efficient Carbon-Dots-Based Electron-Extraction Layer Through Surface Charge Engineering. ACS Applied Materials & Interfaces, 2018, 10, 40255-40264.	8.0	12
77	Reducing charge recombination of polymer solar cells by introducing composite anode buffer layer. Solar Energy, 2018, 171, 8-15.	6.1	12
78	Alkali metal salts doped ZnO interfacial layers facilitate charge transport for organic solar cells. Organic Electronics, 2019, 74, 258-264.	2.6	11
79	Role of solution-processed V2O5 in P3HT:PCBM based inverted polymer solar cells. Synthetic Metals, 2013, 170, 7-10.	3.9	10
80	Application of Solution-Processed V₂O₅ in Inverted Polymer Solar Cells Based on Fluorine-Doped Tin Oxide Substrate. Journal of Nanoscience and Nanotechnology, 2014, 14, 4214-4217.	0.9	10
81	Performance enhancement of organic photovoltaic devices enabled by Au nanoarrows inducing surface plasmonic resonance effect. Physical Chemistry Chemical Physics, 2016, 18, 24285-24289.	2.8	10
82	An easily prepared Ag 8 GeS 6 nanocrystal and its role on the performance enhancement of polymer solar cells. Organic Electronics, 2017, 45, 247-255.	2.6	10
83	Enhanced Photovoltaic Performance of Tetrazine-Based Small Molecules with Conjugated Side Chains. ACS Sustainable Chemistry and Engineering, 2017, 5, 8684-8692.	6.7	10
84	The role of phosphor nanoparticles in high efficiency organic solar cells. Synthetic Metals, 2015, 204, 65-69.	3.9	9
85	Enhanced electron extraction capability of polymer solar cells via modifying the cathode buffer layer with inorganic quantum dots. Physical Chemistry Chemical Physics, 2016, 18, 11435-11442.	2.8	9
86	Highly efficient polymer solar cells based on low-temperature processed ZnO: application of a bifunctional Au@CNTs nanocomposite. Journal of Materials Chemistry C, 2019, 7, 2676-2685.	5.5	9
87	Overcoming intrinsic defects of the hole transport layer with optimized carbon nanorods for perovskite solar cells. Nanoscale, 2019, 11, 8776-8784.	5.6	9
88	Flexible Color Tunability and High Transmittance Semitransparent Organic Solar Cells. Solar Rrl, 2022, 6, .	5.8	9
89	Performance Improvement of Low-Band-Gap Polymer Solar Cells by Optical Microcavity Effect. IEEE Electron Device Letters, 2013, 34, 87-89.	3.9	8
90	Enhancing the light-harvesting and charge transport properties of polymer solar cells by embedding NaLuF₄:Yb,Tm nanorods. RSC Advances, 2015, 5, 32891-32896.	3.6	8

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91	Optimization of PDTS-DTffBT-Based Solar Cell Performance through Control of Polymer Molecular Weight. Journal of Physical Chemistry C, 2016, 120, 19513-19520.	3.1	8
92	Improved Optical Field Distribution and Charge Extraction through an Interlayer of Carbon Nanospheres in Polymer Solar Cells. Chemistry of Materials, 2017, 29, 2961-2968.	6.7	8
93	Interface passivation and electron transport improvement of polymer solar cells through embedding a polyfluorene layer. Physical Chemistry Chemical Physics, 2017, 19, 15207-15214.	2.8	8
94	Boosting Electron Extraction in Polymer Solar Cells by Introducing a N-Type Organic Semiconductor Interface Layer. Journal of Physical Chemistry C, 2018, 122, 207-215.	3.1	8
95	Incorporating deep electron traps into perovskite devices: towards high efficiency solar cells and fast photodetectors. Journal of Materials Chemistry A, 2018, 6, 21039-21046.	10.3	8
96	Alkali metal ions passivation to decrease interface defects of perovskite solar cells. Solar Energy, 2019, 193, 220-226.	6.1	8
97	The light trapping enhancement of inverted polymer solar cells by introducing NaYF4 nanoparticles. Synthetic Metals, 2014, 195, 117-121.	3.9	7
98	Facilitating electron extraction of inverted polymer solar cells by using organic/inorganic/organic composite buffer layer. Organic Electronics, 2019, 68, 187-192.	2.6	7
99	Unraveling the effect of polymer dots doping in inverted low bandgap organic solar cells. Physical Chemistry Chemical Physics, 2015, 17, 16086-16091.	2.8	6
100	The role of polymer dots on efficiency enhancement of organic solar cells: Improving charge transport property. Optics Communications, 2017, 395, 127-132.	2.1	6
101	Orienting the Microstructure Evolution of Copper Phthalocyanine as an Anode Interlayer in Inverted Polymer Solar Cells for High Performance. ACS Applied Materials & Interfaces, 2017, 9, 32044-32053.	8.0	6
102	A solution-processed binary cathode interfacial layer facilitates electron extraction for inverted polymer solar cells. Journal of Colloid and Interface Science, 2018, 514, 328-337.	9.4	6
103	Employing Pentacene To Balance the Charge Transport in Inverted Organic Solar Cells. Journal of Physical Chemistry C, 2018, 122, 17110-17117.	3.1	6
104	Overcoming Defect-Induced Charge Recombination Loss in Organic Solar Cells by FÃ¶rster Resonance Energy Transfer. ACS Sustainable Chemistry and Engineering, 2018, 6, 9699-9706.	6.7	6
105	Recent process of plasma effect in organic solar cells. Journal of Energy Chemistry, 2021, 52, 181-190.	12.9	6
106	Facilitating electron collection of organic photovoltaics by passivating trap states and tailoring work function. Solar Energy, 2019, 181, 9-16.	6.1	6
107	Preparation and Ethanol Sensing Properties of In₂O₃ Nanotubes. Journal of Nanoscience and Nanotechnology, 2014, 14, 3653-3657.	0.9	5
108	Solar-Blind Photodetector Based on LaAlO₃ with Low Dark Current. Journal of Nanoscience and Nanotechnology, 2014, 14, 3827-3830.	0.9	5

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109	The action mechanism of TiO2:NaYF4:Yb3+,Tm3+ cathode buffer layer in highly efficient inverted organic solar cells. Applied Physics Letters, 2014, 105, 053301.	3.3	5
110	An organosilane self-assembled monolayer incorporated into polymer solar cells enabling interfacial coherence to improve charge transport. Physical Chemistry Chemical Physics, 2016, 18, 16005-16012.	2.8	5
111	Realizing efficiency improvement of polymer solar cells by using multi-functional cascade electron transport layers. Organic Electronics, 2020, 76, 105482.	2.6	5
112	Efficiency enhancement in an inverted organic light-emitting device with a TiO₂ electron injection layer through interfacial engineering. Journal of Materials Chemistry C, 2020, 8, 8206-8212.	5.5	5
113	The operation mechanism of poly(9,9-dioctylfluorenyl-2,7-diyl) dots in high efficiency polymer solar cells. Applied Physics Letters, 2015, 106, .	3.3	4
114	Employing inorganic/organic hybrid interface layer to improve electron transfer for inverted polymer solar cells. Electrochimica Acta, 2016, 210, 874-879.	5.2	4
115	Dual Roles of the Fullerene Interlayer on Light Harvesting and Electron Transfer for Highly Efficient Polymer Solar Cells. Journal of Physical Chemistry C, 2017, 121, 8722-8730.	3.1	4
116	Simple Inverted Annealing Process to Improve Charge Transport Capability of Organic Photovoltaic Devices with Thick Active Layers. Journal of Physical Chemistry C, 2018, 122, 10706-10713.	3.1	4
117	Using 4â€Chlorobenzoic Acid Layer Toward Stable and Lowâ€Cost CsPbI 2 Br Perovskite Solar Cells. Solar Rrl, 2021, 5, 2100347.	5.8	4
118	Study on actuating voltage and switching time of a MOEMS optical switch. Optics and Laser Technology, 2005, 37, 601-607.	4.6	3
119	Comparative study of field-effect mobility with different expressions in organic thin film transistors. Optik, 2009, 120, 668-672.	2.9	3
120	Sodium Titanate Nanorod Moisture Sensor and Its Sensing Mechanism. IEEE Electron Device Letters, 2013, 34, 1424-1426.	3.9	3
121	Using a facile processing method to facilitate charge extraction for polymer solar cells. Journal of Materials Chemistry C, 2018, 6, 11045-11051.	5.5	3
122	Fullerene derivative layer induced phase separation and charge transport improvement for inverted polymer solar cells. Thin Solid Films, 2019, 690, 137559.	1.8	3
123	Water-soluble poly(3,4-ethylenedioxythiophene)/nano-crystalline TiO2 heterojunction solar cells. Microelectronics Journal, 2008, 39, 1683-1686.	2.0	2
124	Photovoltaic Properties of Zr_{<I>x</I>}Ti_{1â€“<I>x</I>}O₂ Solid Solution Nanowire Arrays. Journal of Nanoscience and Nanotechnology, 2014, 14, 3731-3734.	0.9	2
125	Efficiency Improvement of Inverted Organic Solar Cells via Introducing a Series of Polyfluorene Dots in Electron Transport Layer. Journal of Physical Chemistry C, 2015, 119, 16462-16467.	3.1	2
126	Experimental Design for Time-Series RNA-Seq Analysis of Gene Expression and Alternative Splicing. Methods in Molecular Biology, 2022, 2398, 173-188.	0.9	2

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127	Using a Simple Optical Management Layer to Solve the Contradiction between Efficiency and Transmittance for Semitransparent Organic Solar Cells. ACS Sustainable Chemistry and Engineering, 2022, 10, 2241-2247.	6.7	2
128	The value of genotype-specific reference for transcriptome analyses in barley. Life Science Alliance, 2022, 5, e202101255.	2.8	2
129	High-temperature characteristics of 1.55-Î¼m InGaAs/InGaAsP strain-compensated multiple-quantum-well lasers. , 2001, , .		1
130	The Study of Transmission Characteristics of a 17×17 All Fluorinated Polyimide Arrayed Waveguide Grating Multiplexer. , 2011, , .		1
131	The Short Circuit Current Improvement in P3HT:PCBM Based Polymer Solar Cell by Introducing PSBTBT as Additional Electron Donor. Journal of Nanoscience and Nanotechnology, 2014, 14, 3446-3449.	0.9	1
132	Improved performance of inverted polymer solar cells using Cd 2 SSe/ZnS quantum dots. Materials Letters, 2017, 188, 244-247.	2.6	1
133	Using an easy interface passivation layer to improve performance of inverted polymer solar cells. Materials Letters, 2019, 250, 112-115.	2.6	1
134	Optimization of polymer-arrayed waveguide grating multiplexer. , 2001, 4603, 278.		0
135	Design and loss characteristics of an 8x8 polymer arrayed-waveguide grating multi/demultiplexer. , 2001, , .		0
136	Optimization and fabrication of a polymeric-arrayed waveguide grating multiplexer. , 2002, , .		0
137	New method of optical variable attenuator with polymer-network liquid crystals. , 2004, , .		0
138	Transparent ITO electrode in the polymer network liquid crystal variable optical attenuator. , 2004, 5280, 397.		0
139	Study of dynamic response on a MOEMS 2x2 optical switch. , 2005, 5625, 386.		0
140	Influence of TiO2 thin film morphology on the performance of polyaniline/TiO2 solar cells. , 2008, , .		0
141	Analysis and extraction of contact resistance in pentacene thin film transistors. , 2008, , .		0
142	Affect on the UV polymerization condition of polymer liquid crystal materials for variable optical attenuator. , 2008, , .		0
143	Analysis of plasma waves resonant detection for terahertz radiation in high mobility field effect transistor. Optik, 2013, 124, 6408-6410.	2.9	0
144	The Role of Fe₃O₄ Nanocrystal Film in Bilayer-Heterojunction CuPc/C₆₀ Solar Cells. Journal of Nanoscience and Nanotechnology, 2014, 14, 3623-3626.	0.9	0

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145	The role of $NaYF_4$nanoparticles in inverted polymer solar cells. , 2014, , .		0
146	Simulation and Analysis of Terahertz Modulator Based a Gated Nanostructure. Journal of Nanoscience and Nanotechnology, 2014, 14, 3403-3406.	0.9	0