

Liduo Wang

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129
papers

10,461
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50
h-index

101
g-index

130
ext. papers

11,834
ext. citations

9.6
avg. IF

6.49
L-index

#	Paper	IF	Citations
129	Review of recent progress in chemical stability of perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 8970-8980	13	1337
128	Study on the stability of CH ₃ NH ₃ PbI ₃ films and the effect of post-modification by aluminum oxide in all-solid-state hybrid solar cells. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 705-710	13	861
127	Efficient and stable emission of warm-white light from lead-free halide double perovskites. <i>Nature</i> , 2018 , 563, 541-545	50.4	835
126	Solution processable small molecules for organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2010 , 20, 6392		506
125	Enhanced optoelectronic quality of perovskite thin films with hypophosphorous acid for planar heterojunction solar cells. <i>Nature Communications</i> , 2015 , 6, 10030	17.4	492
124	Enhanced UV-light stability of planar heterojunction perovskite solar cells with caesium bromide interface modification. <i>Energy and Environmental Science</i> , 2016 , 9, 490-498	35.4	450
123	Mixed Cation FAxPEA _{1-x} PbI ₃ with Enhanced Phase and Ambient Stability toward High-Performance Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2017 , 7, 1601307	21.8	237
122	Montmorillonite as bifunctional buffer layer material for hybrid perovskite solar cells with protection from corrosion and retarding recombination. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 13587-13592	13.3	231
121	High-Performance Planar-Type Photodetector on (100) Facet of MAPbI ₃ Single Crystal. <i>Scientific Reports</i> , 2015 , 5, 16563	4.9	222
120	H ₂ O effect on the stability of organic thin-film field-effect transistors. <i>Applied Physics Letters</i> , 2003 , 83, 1644-1646	3.4	218
119	NanotubeSilicon Heterojunction Solar Cells. <i>Advanced Materials</i> , 2008 , 20, 4594-4598	24	201
118	Direct Evidence of Ion Diffusion for the Silver-Electrode-Induced Thermal Degradation of Inverted Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2017 , 7, 1602922	21.8	192
117	Additive-assisted construction of all-inorganic CsSnI ₂ mesoscopic perovskite solar cells with superior thermal stability up to 473 K. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 17104-17110	13	186
116	Graphene oxide as dual functional interface modifier for improving wettability and retarding recombination in hybrid perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 20105-20111	13	165
115	Inorganic CsPb _{1-x} Sn _x I ₂ for Efficient Wide-Bandgap Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2018 , 8, 1800525	21.8	154
114	Stable p-n junction of formamidinium lead iodide perovskites for enhanced near-infrared emission. <i>Chemical Science</i> , 2017 , 8, 800-805	9.4	142
113	Enhancement of thermal stability for perovskite solar cells through cesium doping. <i>RSC Advances</i> , 2017 , 7, 17473-17479	3.7	140

112	Energetically favored formation of SnO ₂ nanocrystals as electron transfer layer in perovskite solar cells with high efficiency exceeding 19%. <i>Nano Energy</i> , 2017 , 40, 336-344	17.1	124
111	Molecular Understanding of the Chemical Stability of Organic Materials for OLEDs: A Comparative Study on Sulfonyl, Phosphine-Oxide, and Carbonyl-Containing Host Materials. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 7569-7578	3.8	114
110	High-triplet-energy tri-carbazole derivatives as host materials for efficient solution-processed blue phosphorescent devices. <i>Journal of Materials Chemistry</i> , 2011 , 21, 4918		114
109	CsPbI ₃ , All-Inorganic Two-Dimensional Ruddlesden-Popper Mixed Halide Perovskite with Optoelectronic Response. <i>Journal of the American Chemical Society</i> , 2018 , 140, 11085-11090	16.4	110
108	Towards High Efficiency and Low Roll-Off Orange Electrophosphorescent Devices by Fine Tuning Singlet and Triplet Energies of Bipolar Hosts Based on Indolocarbazole/1, 3, 5-Triazine Hybrids. <i>Advanced Functional Materials</i> , 2014 , 24, 3551-3561	15.6	106
107	Organic light-emitting diodes with improved hole-electron balance by using copper phthalocyanine/aromatic diamine multiple quantum wells. <i>Applied Physics Letters</i> , 2002 , 80, 2628-2630	3.4	103
106	High performance organic-inorganic perovskite-optocoupler based on low-voltage and fast response perovskite compound photodetector. <i>Scientific Reports</i> , 2015 , 5, 7902	4.9	91
105	Controlling the Recombination Zone of White Organic Light-Emitting Diodes with Extremely Long Lifetimes. <i>Advanced Functional Materials</i> , 2011 , 21, 3540-3545	15.6	90
104	Post modification of perovskite sensitized solar cells by aluminum oxide for enhanced performance. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 11735	13	88
103	Effect of cesium chloride modification on the film morphology and UV-induced stability of planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 11688-11695	13	84
102	A Pyridine-Containing Anthracene Derivative with High Electron and Hole Mobilities for Highly Efficient and Stable Fluorescent Organic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2011 , 21, 1881-1886	15.6	84
101	A self-powered photodetector based on a CH ₃ NH ₃ PbI ₃ single crystal with asymmetric electrodes. <i>CrystEngComm</i> , 2016 , 18, 4405-4411	3.3	76
100	A self-powered organolead halide perovskite single crystal photodetector driven by a DVD-based triboelectric nanogenerator. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 630-636	7.1	75
99	Highly-efficient blue electroluminescence based on two emitter isomers. <i>Applied Physics Letters</i> , 2004 , 84, 1513-1515	3.4	75
98	Efficient n-type dopants with extremely low doping ratios for high performance inverted perovskite solar cells. <i>Energy and Environmental Science</i> , 2016 , 9, 3424-3428	35.4	75
97	Interpenetrating interfaces for efficient perovskite solar cells with high operational stability and mechanical robustness. <i>Nature Communications</i> , 2021 , 12, 973	17.4	75
96	High-efficiency near-infrared organic light-emitting devices based on an iridium complex with negligible efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 6446	7.1	71
95	Synthesis of Pt-Ni Octahedra in Continuous-Flow Droplet Reactors for the Scalable Production of Highly Active Catalysts toward Oxygen Reduction. <i>Nano Letters</i> , 2016 , 16, 3850-7	11.5	70

94	High performance low-voltage organic phototransistors: interface modification and the tuning of electrical, photosensitive and memory properties. <i>Journal of Materials Chemistry</i> , 2012 , 22, 11836		69
93	Novel star-shaped host materials for highly efficient solution-processed phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2010 , 20, 6131		68
92	Improved SnO ₂ Electron Transport Layers Solution-Deposited at Near Room Temperature for Rigid or Flexible Perovskite Solar Cells with High Efficiencies. <i>Advanced Energy Materials</i> , 2019 , 9, 1900834	21.8	67
91	Achilles Heels of Phosphine Oxide Materials for OLEDs: Chemical Stability and Degradation Mechanism of a Bipolar Phosphine Oxide/Carbazole Hybrid Host Material. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 19451-19457	3.8	67
90	High-efficiency orange to near-infrared emissions from bis-cyclometalated iridium complexes with phenyl-benzoquinoline isomers as ligands. <i>Journal of Materials Chemistry</i> , 2009 , 19, 6573		62
89	Multifunctional MgO Layer in Perovskite Solar Cells. <i>ChemPhysChem</i> , 2015 , 16, 1727-32	3.2	60
88	Low-voltage pentacene thin-film transistors with Ta ₂ O ₅ gate insulators and their reversible light-induced threshold voltage shift. <i>Applied Physics Letters</i> , 2005 , 86, 132101	3.4	60
87	Impacts of Sn precursors on solution-processed amorphous zinc oxide films and their transistors. <i>RSC Advances</i> , 2012 , 2, 5307	3.7	58
86	Blue phosphorescent dye as sensitizer and emitter for white organic light-emitting diodes. <i>Applied Physics Letters</i> , 2004 , 85, 5403-5405	3.4	58
85	High-stability organic red-light photodetector for narrowband applications. <i>Laser and Photonics Reviews</i> , 2016 , 10, 473-480	8.3	55
84	Multifunctional perovskite capping layers in hybrid solar cells. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 14973	13	55
83	BaCO ₃ Modification of TiO ₂ Electrodes in Quasi-Solid-State Dye-Sensitized Solar Cells: Performance Improvement and Possible Mechanism. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 8075-8079	3.8	55
82	Bright single-active layer small-molecular organic light-emitting diodes with a polytetrafluoroethylene barrier. <i>Applied Physics Letters</i> , 2003 , 82, 155-157	3.4	53
81	Star-shaped dendritic hosts based on carbazole moieties for highly efficient blue phosphorescent OLEDs. <i>Journal of Materials Chemistry</i> , 2012 , 22, 12016		52
80	Dependency of organic phototransistor properties on the dielectric layers. <i>Applied Physics Letters</i> , 2006 , 89, 072108	3.4	50
79	Enhanced Moisture Stability of Cesium-Containing Compositional Perovskites by a Feasible Interfacial Engineering. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1700598	4.6	49
78	Improved Efficiency and Stability of Pb/Sn Binary Perovskite Solar Cells Fabricated by Galvanic Displacement Reaction. <i>Advanced Energy Materials</i> , 2019 , 9, 1802774	21.8	48
77	Morphology-controlled CH ₃ NH ₃ PbI ₃ films by hexane-assisted one-step solution deposition for hybrid perovskite mesoscopic solar cells with high reproductivity. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 22839-22845	13	45

76	Oxygen doping in nickel oxide for highly efficient planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 4721-4728	13	45
75	Air-Stable Direct Bandgap Perovskite Semiconductors: All-Inorganic Tin-Based Heteroleptic Halides $A_xSnClyI_z$ (A = Cs, Rb). <i>Chemistry of Materials</i> , 2018 , 30, 4847-4856	9.6	45
74	A Comparison Study of the Organic Small Molecular Thin Films Prepared by Solution Process and Vacuum Deposition: Roughness, Hydrophilicity, Absorption, Photoluminescence, Density, Mobility, and Electroluminescence. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 14278-14284	3.8	41
73	A Droplet-Reactor System Capable of Automation for the Continuous and Scalable Production of Noble-Metal Nanocrystals. <i>Nano Letters</i> , 2018 , 18, 3879-3884	11.5	38
72	Pure red electroluminescence from a host material of binuclear gallium complex. <i>Applied Physics Letters</i> , 2002 , 81, 4913-4915	3.4	38
71	Stabilizing Perovskite Light-Emitting Diodes by Incorporation of Binary Alkali Cations. <i>Advanced Materials</i> , 2020 , 32, e1907786	24	37
70	Efficient and UV-stable perovskite solar cells enabled by side chain-engineered polymeric hole-transporting layers. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 12999-13004	13	36
69	Progress of interface engineering in perovskite solar cells. <i>Science China Materials</i> , 2016 , 59, 728-742	7.1	36
68	An Origami Perovskite Photodetector with Spatial Recognition Ability. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 10921-10928	9.5	35
67	A new type of light-emitting naphtho[2,3-c][1,2,5]thiadiazole derivatives: synthesis, photophysical characterization and transporting properties. <i>Journal of Materials Chemistry</i> , 2008 , 18, 806		35
66	CHNHPb Eu I mixed halide perovskite for hybrid solar cells: the impact of divalent europium doping on efficiency and stability.. <i>RSC Advances</i> , 2018 , 8, 11095-11101	3.7	33
65	Inorganic iodide ligands in ex situ PbS quantum dot sensitized solar cells with I_3^- electrolytes. <i>Journal of Materials Chemistry</i> , 2012 , 22, 16914		33
64	P3HT/Phthalocyanine Nanocomposites as Efficient Hole-Transporting Materials for Perovskite Solar Cells. <i>Solar Rrl</i> , 2019 , 3, 1800264	7.1	33
63	Printable CsPbBr perovskite quantum dot ink for coffee ring-free fluorescent microarrays using inkjet printing. <i>Nanoscale</i> , 2020 , 12, 2569-2577	7.7	30
62	Cesium carbonate as a surface modification material for organic-inorganic hybrid perovskite solar cells with enhanced performance. <i>RSC Advances</i> , 2014 , 4, 60131-60134	3.7	29
61	Constructing nanorod-nanoparticles hierarchical structure at low temperature as photoanodes for dye-sensitized solar cells: combining relatively fast electron transport and high dye-loading together. <i>Journal of Materials Chemistry</i> , 2011 , 21, 19389		25
60	White light emission from an exciplex based on a phosphine oxide type electron transport compound in a bilayer device structure. <i>RSC Advances</i> , 2013 , 3, 21453	3.7	24
59	Aquointermediate Assisted Highly Orientated Perovskite Thin Films toward Thermally Stable and Efficient Solar Cells. <i>Advanced Energy Materials</i> , 2017 , 7, 1601433	21.8	24

58	High-Performance Organic Optocouplers Based on a Photosensitive Interfacial C60/NPB Heterojunction. <i>Advanced Materials</i> , 2009 , 21, 2501-2504	24	24
57	A self-powered and high-voltage-isolated organic optical communication system based on triboelectric nanogenerators and solar cells. <i>Nano Energy</i> , 2019 , 56, 391-399	17.1	24
56	A ZnO nanorod/nanoparticle hierarchical structure synthesized through a facile in situ method for dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 4765-4770	13	23
55	Organic photocouplers consisting of organic light-emitting diodes and organic photoresistors. <i>Applied Physics Letters</i> , 2006 , 88, 051110	3.4	23
54	A ZnO nanorod layer with a superior light-scattering effect for dye-sensitized solar cells. <i>RSC Advances</i> , 2013 , 3, 18537	3.7	22
53	High Performance of Perovskite Solar Cells via Catalytic Treatment in Two-Step Process: The Case of Solvent Engineering. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 30107-30115	9.5	20
52	Efficient solution-processed phosphor-sensitized single-emitting-layer white organic light-emitting devices: fabrication, characteristics, and transient analysis of energy transfer. <i>Journal of Materials Chemistry</i> , 2011 , 21, 5312		20
51	Enhanced performance in hybrid perovskite solar cell by modification with spinel lithium titanate. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 8882-8889	13	19
50	A flexible blue light sensitive organic photodiode with high properties for the applications in low-voltage-control circuit and flexion sensors. <i>Laser and Photonics Reviews</i> , 2014 , 8, 316-323	8.3	19
49	Small molecular phosphorescent organic light-emitting diodes using a spin-coated hole blocking layer. <i>Applied Physics Letters</i> , 2012 , 100, 083304	3.4	19
48	Thermally Decomposable Lithium Nitride as an Electron Injection Material for Highly Efficient and Stable OLEDs. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 13386-13390	3.8	19
47	Charge tunneling injection through a thin teflon film between the electrodes and organic semiconductor layer: Relation to morphology of the teflon film. <i>Physical Review B</i> , 2006 , 74,	3.3	19
46	Mg doping in nanosheet-based spherical structured ZnO photoanode for quasi-solid dye-sensitized solar cells. <i>RSC Advances</i> , 2014 , 4, 21294-21300	3.7	18
45	Efficient blue-green and white organic light-emitting diodes with a small-molecule host and cationic iridium complexes as dopants. <i>Applied Physics A: Materials Science and Processing</i> , 2010 , 100, 1035-1040	2.6	18
44	Recent progress in interface modification for dye-sensitized solar cells. <i>Science China Chemistry</i> , 2010 , 53, 1669-1678	7.9	18
43	Low-Temperature Evaporable Re2O7: An Efficient p-Dopant for OLEDs. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 13763-13769	3.8	17
42	Marangoni Effect-Controlled Growth of Oriented Film for High Performance C8-BTBT Transistors. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1801736	4.6	16
41	Organic cesium salt as an efficient electron injection material for organic light-emitting diodes. <i>Applied Physics Letters</i> , 2008 , 93, 183302	3.4	16

40	Electric Bias Induced Degradation in Organic-Inorganic Hybrid Perovskite Light-Emitting Diodes. <i>Scientific Reports</i> , 2018 , 8, 15799	4.9	15
39	Room-temperature solution-processed amorphous NbOx as an electron transport layer in high-efficiency photovoltaics. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 17882-17888	13	15
38	Ambipolar Transporting 1,2-Benzanthracene Derivative with Efficient Green Excimer Emission for Single-Layer Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2013 , 1, 167-172	8.1	14
37	Phototransistor Properties of Pentacene Organic Transistors with Poly(methyl methacrylate) Dielectric Layer. <i>Japanese Journal of Applied Physics</i> , 2006 , 45, L96-L98	1.4	14
36	Molecularly Designed Zinc (II) Phthalocyanine Derivative as Dopant-Free Hole-Transporting Material of Planar Perovskite Solar Cell with Preferential Face-on Orientation. <i>Solar Rrl</i> , 2019 , 3, 1900182	7.1	13
35	Organic optocouplers. <i>Science China Chemistry</i> , 2011 , 54, 1017-1026	7.9	13
34	The role of interface between electron transport layer and perovskite in halogen migration and stabilizing perovskite solar cells with Cs4SnO4. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 23797-23804	13	13
33	Tailoring electrical property of the low-temperature processed SnO2 for high-performance perovskite solar cells. <i>Science China Materials</i> , 2019 , 62, 173-180	7.1	11
32	Experimental and theoretical study of the charge transport property of 4,4'-N,N'-dicarbazole-biphenyl. <i>Science China Chemistry</i> , 2012 , 55, 2428-2432	7.9	11
31	RbF modified FTO electrode enable energy-level matching for efficient electron transport layer-free perovskite solar cells. <i>Chemical Engineering Journal</i> , 2020 , 394, 125024	14.7	10
30	Rational design of SnO2-based electron transport layer in mesoscopic perovskite solar cells: more kinetically favorable than traditional double-layer architecture. <i>Science China Materials</i> , 2017 , 60, 963-976	7.1	10
29	Nanocomposite Thin Film Based on Ytterbium Fluoride and N,N'-Bis(1-naphthyl)-N,N'-diphenyl-1,1'-biphenyl-4,4'-diamine and Its Application in Organic Light Emitting Diodes as Hole Transport Layer. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 11985-11990	3.8	10
28	Enhanced efficiency and stability of inverted perovskite solar cells by interfacial engineering with alkyl bisphosphonic molecules. <i>RSC Advances</i> , 2017 , 7, 42105-42112	3.7	9
27	Study on the Electron Injection Mechanism of Thermally Decomposable Cs2CO3. <i>Japanese Journal of Applied Physics</i> , 2009 , 48, 102302	1.4	9
26	Preparation and spectral characteristics of anthracene/tetracene mixed crystals. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 181-187		9
25	Lithium cobalt oxide as electron injection material for high performance organic light-emitting diodes. <i>Applied Physics Letters</i> , 2008 , 92, 073301	3.4	9
24	Multifunctional interface modification of energy relay dye in quasi-solid dye-sensitized solar cells. <i>Scientific Reports</i> , 2014 , 4, 5570	4.9	8
23	Improved performance of pure formamidinium lead iodide perovskite light-emitting diodes by moisture treatment. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 11121-11127	7.1	7

22	Controlled synthesis of ZnO spindles and fabrication of composite photoanodes at low temperature for quasi-solid state dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2011 , 21, 3183		7
21	Solution-Processed Graphene Composite Films as Freestanding Platinum-Free Counter Electrodes for Bendable Dye Sensitized Solar Cells. <i>Chinese Journal of Chemistry</i> , 2016 , 34, 59-66	4.9	7
20	High-Performance Organic Optocouplers Based on an Organic Photodiode With High Blue Light Sensitivity. <i>IEEE Electron Device Letters</i> , 2013 , 34, 1295-1297	4.4	6
19	Research on the adhesive ability between ITO anode and PET substrate improved by polyimide buffer layer. <i>Science Bulletin</i> , 2005 , 50, 505-508		6
18	High quality perovskite thin films induced by crystal seeds with lead monoxide interfacial engineering. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 16913-16919	13	5
17	A multifunctional ionic iridium complex for field-effect and light-emitting devices. <i>RSC Advances</i> , 2014 , 4, 51294-51297	3.7	4
16	Oriented mesoporous TiO ₂ film as photoanode for dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 8023	13	4
15	Critical Role of Organoamines in the Irreversible Degradation of a Metal Halide Perovskite Precursor Colloid: Mechanism and Inhibiting Strategy. <i>ACS Energy Letters</i> , 2022 , 7, 481-489	20.1	4
14	Programmable and Erasable Pentacene/Ta ₂ O ₅ Phototransistor Memory With Improved Retention Time. <i>IEEE Electron Device Letters</i> , 2014 , 35, 741-743	4.4	3
13	Bipolar charge transport property of N,N'-dicarbazolyl-1,4-dimethene-benzene: A study of the short range order model. <i>Science Bulletin</i> , 2013 , 58, 79-83		3
12	Preparation and properties of solution-processed zinc tin oxide films from a new organic precursor. <i>Science China Chemistry</i> , 2011 , 54, 651-655	7.9	3
11	Synthesis and characterization of nano/micro-structured crystalline germanium dioxide with novel morphology. <i>Science Bulletin</i> , 2009 , 54, 2810-2813	10.6	3
10	Transparent organic light-emitting diodes based on Cs ₂ CO ₃ :Ag/Ag composite cathode. <i>Science Bulletin</i> , 2010 , 55, 1479-1482		3
9	Comparison between P25 and anatase-based TiO ₂ quasi-solid state dye sensitized solar cells. <i>Science Bulletin</i> , 2008 , 53, 954-957	10.6	3
8	New hybrid encapsulation for flexible organic light-emitting devices on plastic substrates. <i>Science Bulletin</i> , 2008 , 53, 958-960	10.6	2
7	Preparation and characteristics of flexible all-organic thin-film field-effect transistor. <i>Science Bulletin</i> , 2003 , 48, 1554-1557		1
6	P-141: High-Efficiency and Long Lifetime Electrophosphorescent Organic Light-Emitting Diodes with Improved Hole-Electron Balance by using Alternate Multilayer Structures. <i>Digest of Technical Papers SID International Symposium</i> , 2005 , 36, 838	0.5	1
5	MAPbI Photodetectors with 4.7 MHz Bandwidth and Their Application in Organic Optocouplers.. <i>Journal of Physical Chemistry Letters</i> , 2022 , 815-821	6.4	0

- 4 Molecularly Designed Zinc (II) Phthalocyanine Derivative as Dopant-Free Hole-Transporting Material of Planar Perovskite Solar Cell with Preferential Face-on Orientation. *Solar Rrl*, **2019**, 3, 1970113^{7.1}
- 3 45.4: Dimers of Organic Metal Complexes Based on Tridentate Schiff-Base Ligand for Organic Electroluminescence. *Digest of Technical Papers SID International Symposium*, **2003**, 34, 1298 ^{0.5}
- 2 Fabrication and spectra characteristics of high efficiency white organic light-emitting diodes with single emitting layer. *Science Bulletin*, **2004**, 49, 2133-2136
- 1 [Ir(ppy)₂pyim]PF₆ dielectric mixed with PMMA for area emission transistors. *RSC Advances*, **2016**, 6, 94010-94013^{5.7}