

# Xiang-Gao Li

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

126  
papers

3,608  
citations

29  
h-index

56  
g-index

129  
ext. papers

4,266  
ext. citations

7.5  
avg, IF

5.7  
L-index

#	Paper	IF	Citations
126	Enhancing hole injection by processing ITO through MoO <sub>3</sub> and self-assembled monolayer hybrid modification for solution-processed hole transport layer-free OLEDs. <i>Chemical Engineering Journal</i> , <b>2022</b> , 427, 131356	14.7	0
125	Efficient and Stable Large Bandgap MAPbBr <sub>3</sub> Perovskite Solar Cell Attaining an Open Circuit Voltage of 1.65 V. <i>ACS Energy Letters</i> , <b>2022</b> , 7, 1112-1119	20.1	4
124	Beyond efficiency fever: Preventing lead leakage for perovskite solar cells. <i>Matter</i> , <b>2022</b> , 5, 1137-1161	12.7	7
123	Zn <sup>2+</sup> -Doped Lead-Free CsMnCl <sub>3</sub> Nanocrystals Enable Efficient Red Emission with a High Photoluminescence Quantum Yield. <i>Journal of Physical Chemistry Letters</i> , <b>2022</b> , 13, 4688-4694	6.4	1
122	Bifunctional spiro-fluorene/heterocycle cored hole-transporting materials: Role of the heteroatom on the photovoltaic performance of perovskite solar cells. <i>Chemical Engineering Journal</i> , <b>2021</b> , 431, 133374	14.7	1
121	Identifying high-performance and durable methylammonium-free lead halide perovskites via high-throughput synthesis and characterization. <i>Energy and Environmental Science</i> , <b>2021</b> , 14, 6638-6654	35.4	4
120	Structural Stability of Formamidinium- and Cesium-Based Halide Perovskites. <i>ACS Energy Letters</i> , <b>2021</b> , 6, 1942-1969	20.1	31
119	Hydrazinium cation mixed FAPbI <sub>3</sub> -based perovskite with 1D/3D hybrid dimension structure for efficient and stable solar cells. <i>Chemical Engineering Journal</i> , <b>2021</b> , 403, 125724	14.7	17
118	Low-Cost Dopant Additive-Free Hole-Transporting Material for a Robust Perovskite Solar Cell with Efficiency Exceeding 21%. <i>ACS Energy Letters</i> , <b>2021</b> , 6, 208-215	20.1	30
117	Effect of concomitant anti-solvent engineering on perovskite grain growth and its high efficiency solar cells. <i>Science China Materials</i> , <b>2021</b> , 64, 267-276	7.1	6
116	Blue nanocomposites coated with an ionic liquid polymer for electrophoretic displays.. <i>RSC Advances</i> , <b>2021</b> , 11, 20760-20768	3.7	3
115	Advances in SnO <sub>2</sub> -based perovskite solar cells: from preparation to photovoltaic applications. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 19554-19588	13	21
114	How to apply metal halide perovskites to photocatalysis: challenges and development. <i>Nanoscale</i> , <b>2021</b> , 13, 10281-10304	7.7	14
113	Synergistic Effect of Fluorinated Passivator and Hole Transport Dopant Enables Stable Perovskite Solar Cells with an Efficiency Near 24. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 3231-3237	16.4	73
112	Tunable White Light-Emitting Devices Based on Unilaminar High-Efficiency Zn-Doped Blue CsPbBr <sub>3</sub> Quantum Dots. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 8507-8512	6.4	1
111	Polymer additive assisted crystallization of perovskite films for high-performance solar cells. <i>Organic Electronics</i> , <b>2021</b> , 96, 106258	3.5	2
110	Low-temperature cross-linkable hole transporting materials through chemical doping for solution-processed green PHOLEDs. <i>Organic Electronics</i> , <b>2021</b> , 99, 106334	3.5	0

109	Low-temperature processed cross-linkable hole transport layer for efficient and stable perovskite solar cells. <i>Chemical Engineering Journal</i> , <b>2021</b> , 426, 131872	14.7	0
108	Inkjet-printed alloy-like cross-linked hole-transport layer for high-performance solution-processed green phosphorescent OLEDs. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 12712-12719	7.1	2
107	Triazine-based OLEDs with simplified structure and high efficiency by solution-processed procedure. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 19943-19949	2.1	
106	Hole transport layer-free deep-blue OLEDs with outstanding colour purity and high efficiency. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 9184-9188	7.1	4
105	Butterfly-like Tetraazaacenequinodimethane Derivatives: Synthesis, Structure and Halochromic Properties. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 2198-2202	4.5	1
104	Controllable and efficient hole-injection layers with molybdenum oxide units by solution-processed procedure for OLEDs. <i>Organic Electronics</i> , <b>2020</b> , 85, 105868	3.5	
103	Enhanced efficiency and stability of organic light-emitting diodes via binary self-assembled monolayers of aromatic and aliphatic compounds on indium tin oxide. <i>Organic Electronics</i> , <b>2020</b> , 84, 105752	3.5	0
102	Controllable self-assembly of BiOI/oxidized mesocarbon microbeads core-shell composites: A novel hierarchical structure facilitated photocatalytic activities. <i>Chemical Engineering Science</i> , <b>2020</b> , 221, 115653	4.4	7
101	Electronic Coordination Effect of the Regulator on Perovskite Crystal Growth and Its High-Performance Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 19439-19446	9.5	7
100	Improving the Performance of Blue Polymer Light-Emitting Diodes Using a Hole Injection Layer with a High Work Function and Nanotexture. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 20750-20756	9.5	5
99	Blue emissive dimethylmethylene-bridged triphenylamine derivatives appending cross-linkable groups. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 3754-3760	3.9	0
98	Position effect of arylamine branches on pyrene-based dopant-free hole transport materials for efficient and stable perovskite solar cells. <i>Chemical Engineering Journal</i> , <b>2020</b> , 387, 123965	14.7	21
97	Chemically doped hole transporting materials with low cross-linking temperature and high mobility for solution-processed green/red PHOLEDs. <i>Chemical Engineering Journal</i> , <b>2020</b> , 391, 123479	14.7	8
96	Catalytic reduction of 1,4-benzoquinone to hydroquinone via [FeFe]-hydrogenase model complexes under mild conditions. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2020</b> , 95, 1250	3.5	1
95	Enhancing quantum yield of CsPb(BrxCl <sub>1-x</sub> ) <sub>3</sub> nanocrystals through lanthanum doping for efficient blue light-emitting diodes. <i>Nano Energy</i> , <b>2020</b> , 77, 105302	17.1	26
94	Highly efficient hole injection/transport layer-free OLEDs based on self-assembled monolayer modified ITO by solution-process. <i>Nano Energy</i> , <b>2020</b> , 78, 105399	17.1	9
93	Tailored Amphiphilic Molecular Mitigators for Stable Perovskite Solar Cells with 23.5% Efficiency. <i>Advanced Materials</i> , <b>2020</b> , 32, e1907757	24	178
92	Room-temperature-processed fullerene single-crystalline nanoparticles for high-performance flexible perovskite photovoltaics. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 1509-1518	13	19

91	Impact of 9-(4-methoxyphenyl) Carbazole and Benzodithiophene Cores on Performance and Stability for Perovskite Solar Cells Based on Dopant-Free Hole-Transporting Materials. <i>Solar Rrl</i> , <b>2019</b> , 3, 1900202	7.1	21
90	Regulation of peripheral tert-butyl position: Approaching efficient blue OLEDs based on solution-processable hole-transporting materials. <i>Organic Electronics</i> , <b>2019</b> , 71, 85-92	3.5	8
89	A low-cost thiophene-based hole transport material for efficient and stable perovskite solar cells. <i>Organic Electronics</i> , <b>2019</b> , 71, 194-198	3.5	7
88	Hole-transporting material based on spirobifluorene unit with perfect amorphous and high stability for efficient OLEDs. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 11440-11450	2.1	4
87	Modification of ITO anodes with self-assembled monolayers for enhancing hole injection in OLEDs. <i>Applied Physics Letters</i> , <b>2019</b> , 114, 153301	3.4	15
86	Polymorph-induced photosensitivity change in titanylphthalocyanine revealed by the charge transfer integral. <i>Nanophotonics</i> , <b>2019</b> , 8, 787-797	6.3	4
85	Achieving non-doped deep-blue OLEDs by applying bipolar imidazole derivatives. <i>Organic Electronics</i> , <b>2019</b> , 69, 289-296	3.5	9
84	The core-shell mesoporous titanium dioxide with in-situ nitrogen doped carbon as the anode for high performance lithium-ion battery. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 806, 946-952	5.7	5
83	A novel bipolar carbazole/ phenanthroimidazole derivative for high efficiency nondoped deep-blue organic light-emitting diodes. <i>Organic Electronics</i> , <b>2019</b> , 64, 259-265	3.5	23
82	Carbon Nanotube Bridging Method for Hole Transport Layer-Free Paintable Carbon-Based Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 916-923	9.5	49
81	Suppressing defects through thiadiazole derivatives that modulate CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> crystal growth for highly stable perovskite solar cells under dark conditions. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 4971-4980	12.68	68
80	Novel carbazolyl-substituted spiro[acridine-9,9'-fluorene] derivatives as deep-blue emitting materials for OLED applications. <i>Dyes and Pigments</i> , <b>2018</b> , 154, 30-37	4.6	27
79	Impact of Peripheral Groups on Phenothiazine-Based Hole-Transporting Materials for Perovskite Solar Cells. <i>ACS Energy Letters</i> , <b>2018</b> , 3, 1145-1152	20.1	94
78	Alcohol-Soluble Electron-Transport Materials for Fully Solution-Processed Green PhOLEDs. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 1335-1341	4.5	10
77	Self-assembled monolayer-modified ITO for efficient organic light-emitting diodes: The impact of different self-assemble monolayers on interfacial and electroluminescent properties. <i>Organic Electronics</i> , <b>2018</b> , 56, 89-95	3.5	14
76	A thermally cross-linked hole-transporting film with the remarkable solvent resistance for solution-processed OLEDs. <i>Organic Electronics</i> , <b>2018</b> , 57, 345-351	3.5	13
75	A Novel trans-1-(9-Anthryl)-2-phenylethene Derivative Containing a Phenanthroimidazole Unit for Application in Organic Light-Emitting Diodes. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 81-88	4.5	12
74	Fast-response and monodisperse silica nanoparticles modified with ionic liquid towards electrophoretic displays. <i>Dyes and Pigments</i> , <b>2018</b> , 148, 270-275	4.6	14

73	Enhanced stability and optoelectronic properties of MAPbI <sub>3</sub> films by a cationic surface-active agent for perovskite solar cells. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 10825-10834	13	56
72	Organic Single-Crystalline Donor-Acceptor Heterojunctions with Ambipolar Band-Like Charge Transport for Photovoltaics. <i>Advanced Materials Interfaces</i> , <b>2018</b> , 5, 1800336	4.6	15
71	Novel electron transporting materials for highly efficient fully solution-processed green PhOLEDs with low rolls-off and drive voltage. <i>Dyes and Pigments</i> , <b>2018</b> , 158, 20-27	4.6	2
70	Mixed cations and mixed halide perovskite solar cell with lead thiocyanate additive for high efficiency and long-term moisture stability. <i>Organic Electronics</i> , <b>2018</b> , 53, 249-255	3.5	27
69	Achieving highly efficient blue light-emitting polymers by incorporating a styrylarylene amine unit. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 12355-12363	7.1	14
68	Organic Single-Crystalline p-n Heterojunctions for High-Performance Ambipolar Field-Effect Transistors and Broadband Photodetectors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 42715-42722	9.5	23
67	Boosting the Stability of Perovskite Solar Cells through a Dopant-Free Tetraphenylbenzidine-Based Hole Transporting Material. <i>ChemistrySelect</i> , <b>2018</b> , 3, 13032-13037	1.8	6
66	Solution-processed phosphorus-tungsten oxide film as hole injection layer for application in efficient organic light-emitting diode. <i>Materials Science in Semiconductor Processing</i> , <b>2018</b> , 85, 106-112	4.3	1
65	Stable Perovskite Solar Cells based on Hydrophobic Triphenylamine Hole-Transport Materials. <i>Energy Technology</i> , <b>2017</b> , 5, 312-320	3.5	29
64	2,9,16,23-Tetrakis(7-coumarinoxy-4-methyl)- metallophthalocyanines -based hole transporting material for mixed-perovskite solar cells. <i>Synthetic Metals</i> , <b>2017</b> , 226, 1-6	3.6	18
63	Full-Color Tunable Circularly Polarized Luminescent Nanoassemblies of Achiral AIEgens in Confined Chiral Nanotubes. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606503	24	181
62	Isomer-Pure Bis-PCBM-Assisted Crystal Engineering of Perovskite Solar Cells Showing Excellent Efficiency and Stability. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606806	24	276
61	The modulation of opto-electronic properties of CH <sub>3</sub> NH <sub>3</sub> PbBr <sub>3</sub> crystal. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 11053-11058	2.1	9
60	Highly solvatochromic fluorescence of anthraquinone dyes based on triphenylamines. <i>Dyes and Pigments</i> , <b>2017</b> , 144, 262-270	4.6	21
59	Tuning the crystal growth of perovskite thin-films by adding the 2-pyridylthiourea additive for highly efficient and stable solar cells prepared in ambient air. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 13448-13456	13	74
58	Carbazole-diphenylimidazole based bipolar material and its application in blue, green and red single layer OLEDs by solution processing. <i>Dyes and Pigments</i> , <b>2017</b> , 142, 175-182	4.6	19
57	Dopant-Free Hole-Transport Material with a Tetraphenylethene Core for Efficient Perovskite Solar Cells. <i>Energy Technology</i> , <b>2017</b> , 5, 1257-1264	3.5	16
56	A Novel Spiro[acridine-9,9'-fluorene] Derivatives Containing Phenanthroimidazole Moiety for Deep-Blue OLED Application. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 3069-3076	4.5	24

55	Dopant-free and low-cost molecular <b>Bee</b> hole-transporting materials for efficient and stable perovskite solar cells. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 11429-11435	7.1	36
54	Synthesis, Spectral Properties of Zinc Hexadecafluorophthalocyanine (ZnPcF16) and Its Application in Organic Thin Film Transistors. <i>Materials Transactions</i> , <b>2017</b> , 58, 103-106	1.3	3
53	Over 20% PCE perovskite solar cells with superior stability achieved by novel and low-cost hole-transporting materials. <i>Nano Energy</i> , <b>2017</b> , 41, 469-475	17.1	191
52	Two trans-1-(9-anthryl)-2-phenylethene derivatives as blue-green emitting materials for highly bright organic light-emitting diodes application. <i>Organic Electronics</i> , <b>2017</b> , 50, 228-238	3.5	11
51	Amplification of Circularly Polarized Luminescence through Triplet-Triplet Annihilation-Based Photon Upconversion. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 9783-9786	16.4	143
50	Dopant-free star-shaped hole-transport materials for efficient and stable perovskite solar cells. <i>Dyes and Pigments</i> , <b>2017</b> , 136, 273-277	4.6	73
49	Efficient, Stable, Dopant-Free Hole-Transport Material with a Triphenylamine Core for CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Perovskite Solar Cells. <i>Energy Technology</i> , <b>2017</b> , 5, 1173-1178	3.5	21
48	Preparation and Characterization of Coloured Polymer Particles for Electronic Ink. <i>Polymers and Polymer Composites</i> , <b>2017</b> , 25, 161-166	0.8	
47	Dopant-Free Donor (D)-ED-ED Conjugated Hole-Transport Materials for Efficient and Stable Perovskite Solar Cells. <i>ChemSusChem</i> , <b>2016</b> , 9, 2578-2585	8.3	75
46	Highly Efficient p-i-n Perovskite Solar Cells Utilizing Novel Low-Temperature Solution-Processed Hole Transport Materials with Linear EConjugated Structure. <i>Small</i> , <b>2016</b> , 12, 4902-4908	11	48
45	Studies on the dispersity of polymethacrylate-grafted carbon black in a non-aqueous medium: the influence of monomer structure. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 2022-2030 <sup>1</sup>	2.1	3
44	Improvement in photovoltaic performance of perovskite solar cells by interface modification and co-sensitization with novel asymmetry 7-coumarinoxy-4-methyltetrasubstituted metallophthalocyanines. <i>Synthetic Metals</i> , <b>2016</b> , 220, 187-193	3.6	20
43	A Novel Dopant-Free Triphenylamine Based Molecular <b>Butterfly</b> Hole-Transport Material for Highly Efficient and Stable Perovskite Solar Cells. <i>Advanced Energy Materials</i> , <b>2016</b> , 6, 1600401	21.8	152
42	A bipolar emitting material for high efficient non-doped fluorescent organic light-emitting diode approaching standard deep blue. <i>Dyes and Pigments</i> , <b>2016</b> , 129, 34-42	4.6	29
41	Molecular design and photovoltaic performance of a novel thiocyanate-based layered organometal perovskite material. <i>Synthetic Metals</i> , <b>2016</b> , 215, 56-63	3.6	27
40	Studies on the charging behaviors of copper chromite black in nonpolar media with nonionic surfactants for electrophoretic displays. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 323-330	7.1	4
39	Ultra-photosensitive Y-type titanylphthalocyanine nanocrystals: Preparation and photoelectric properties. <i>Dyes and Pigments</i> , <b>2016</b> , 125, 44-53	4.6	8
38	Film-forming hole transporting materials for high brightness flexible organic light-emitting diodes. <i>Dyes and Pigments</i> , <b>2016</b> , 125, 36-43	4.6	13

37	Recent Progress of Perovskite Solar Cells. <i>Current Nanoscience</i> , <b>2016</b> , 12, 137-156	1.4	36
36	Small molecular hole-transporting and emitting materials for hole-only green organic light-emitting devices. <i>Dyes and Pigments</i> , <b>2016</b> , 131, 41-48	4.6	16
35	Application of phenonaphthazine derivatives as hole-transporting materials for perovskite solar cells. <i>Journal of Energy Chemistry</i> , <b>2016</b> , 25, 702-708	12	18
34	A trap-assisted ultrasensitive near-infrared organic photomultiple photodetector based on Y-type titanylphthalocyanine nanoparticles. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 5584-5592	7.1	21
33	A novel one-step synthesized and dopant-free hole transport material for efficient and stable perovskite solar cells. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 16330-16334	13	78
32	Influence of the number of phenylethynyl units present in porphyrin sensitizer on its light harvesting and cell performance. <i>Research on Chemical Intermediates</i> , <b>2015</b> , 41, 8713-8724	2.8	3
31	Solution-processed thermally stable amorphous films of small molecular hole injection/transport bi-functional materials and their application in high efficiency OLEDs. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 11377-11384	7.1	33
30	Charging behavior of carbon black in a low-permittivity medium based on acidBase charging theory. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 3980-3988	7.1	7
29	Efficient CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> perovskite solar cells with 2TPA-n-DP hole-transporting layers. <i>Nano Research</i> , <b>2015</b> , 8, 1116-1127	10	60
28	Preparation of titanium dioxide nano-particles modified with poly (methyl methacrylate) and its electrorheological characteristics in Isopar L. <i>Colloid and Polymer Science</i> , <b>2015</b> , 293, 473-479	2.4	5
27	Preparation of titanium dioxide nanoparticles modified with methacrylate and their electrophoretic properties. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 5263-5269	2.1	2
26	Synthesis of novel s-triazine/carbazole based bipolar molecules and their application in phosphorescent OLEDs. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 6563-6571	2.1	3
25	Design of high-performance chlorine type dyes for dye-sensitized solar cells. <i>International Journal of Quantum Chemistry</i> , <b>2014</b> , 114, 222-232	2.1	12
24	Mesoscopic TiO <sub>2</sub> /CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> perovskite solar cells with new hole-transporting materials containing butadiene derivatives. <i>Chemical Communications</i> , <b>2014</b> , 50, 6931-4	5.8	157
23	Energy level tuning of TPB-based hole-transporting materials for highly efficient perovskite solar cells. <i>Chemical Communications</i> , <b>2014</b> , 50, 15239-42	5.8	128
22	Preparation and properties of red inorganic hollow nanospheres for electrophoretic display. <i>Applied Surface Science</i> , <b>2014</b> , 317, 319-324	6.7	12
21	Novel photochromic and electrochromic diarylethenes bearing triphenylamine units. <i>RSC Advances</i> , <b>2014</b> , 4, 16839-16848	3.7	11
20	Electrochromic properties of novel chalcones containing triphenylamine moiety. <i>Dyes and Pigments</i> , <b>2014</b> , 106, 154-160	4.6	21

19	A thin pristine non-triarylamine hole-transporting material layer for efficient CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> perovskite solar cells. <i>RSC Advances</i> , <b>2014</b> , 4, 32918	3.7	35
18	Nano titanium dioxide particles modified with poly(lauryl methacrylate) and its electrorheological and electrophoretic behavior. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 457, 250-255	5.1	9
17	Thermally induced crystallization behavior and film microstructure alteration of N,N,N',N'-tetraphenylbenzidine (TPB) and N,N,N',N'-tetra-p-tolyl-benzidine (TTB). <i>Organic Electronics</i> , <b>2014</b> , 15, 1876-1883	3.5	9
16	Novel hole transporting materials with a linear $\pi$ -conjugated structure for highly efficient perovskite solar cells. <i>Chemical Communications</i> , <b>2014</b> , 50, 5829-32	5.8	126
15	Simple way to engineer metal-semiconductor interface for enhanced performance of perovskite organic lead iodide solar cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 5651-6	9.5	88
14	Study on synthesis and properties of novel luminescent hole transporting materials based on N,N'-di(p-tolyl)-N,N'-diphenyl-1,1'-biphenyl-4,4'-diamine core. <i>Dyes and Pigments</i> , <b>2013</b> , 97, 92-99	4.6	15
13	Synthesis and characterization of simple trans-AB-porphyrins for dye-sensitized solar cells. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 1134	3.6	11
12	Preparation and characterization of TiO <sub>2</sub> /SiO <sub>2</sub> -cationic hybrid nanoparticles for electrophoretic displays. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	2
11	Preparation of high efficiency hollow TiO <sub>2</sub> nanospheres for electrophoretic displays. <i>Materials Letters</i> , <b>2012</b> , 74, 1-4	3.3	17
10	Preparation of TiO <sub>2</sub> Nano-particles with Controllable Surface Charges for Electrophoretic Display. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , <b>2012</b> , 27, 649-654	1	4
9	Novel Synthesis and Characterization of Yellow Inorganic/Organic Composite Spheres for Electrophoretic Display. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2009</b> , 48, 1468-1475	3.9	24
8	Preparation of Mono-Dispersed Polyurea-Urea Formaldehyde Double Layered Microcapsules. <i>Polymer Bulletin</i> , <b>2008</b> , 60, 725-731	2.4	33
7	Synthesis and photoconductivities of bisazo charge generation materials. <i>Frontiers of Chemical Engineering in China</i> , <b>2008</b> , 2, 330-334		
6	Preparation and characterization core-shell particles and application for E-Ink. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 104, 1195-1199	2.9	7
5	The preparation of high photosensitive TiOPc. <i>Dyes and Pigments</i> , <b>2007</b> , 72, 38-41	4.6	13
4	Synthesis of nanosized Y-type TiOPc by a high gravity method. <i>Journal of Materials Science</i> , <b>2005</b> , 40, 4373-4374	4.3	7
3	In Situ Synthesized 2D Covalent Organic Framework Nanosheets Induce Growth of High-Quality Perovskite Film for Efficient and Stable Solar Cells. <i>Advanced Functional Materials</i> , 2110030	15.6	5
2	Transformation of Quasi-2D Perovskite into 3D Perovskite Using Formamidinium Acetate Additive for Efficient Blue Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2105164	15.6	8

- 1 In situ construction of Bi<sub>5</sub>O<sub>7</sub>I/Bi<sub>4</sub>Ti<sub>3</sub>O<sub>12</sub> heterostructure composites with plentiful phase interfaces for the boosted selective oxidation of benzylic alcohols under visible light. *Journal of Materials Chemistry C*, 7.1 2