

Qing Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

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citing authors

#	ARTICLE	IF	CITATIONS
1	Benzobisthiazole Polymer with Resonance-assisted Hydrogen Bonds for High-performance Transistor and Solar Cell Applications. Chinese Journal of Polymer Science (English Edition), 2022, 40, 147-156.	3.8	12
2	Thienylmethylene Oxindole Based Conjugated Polymers via Direct Arylation Polymerization and Their Electrochromic Properties. Chinese Journal of Polymer Science (English Edition), 2021, 39, 147-153.	3.8	2
3	Bifunctional Bis-phenol as A Solid Additive for Non-Fullerene Solar Cells. Advanced Functional Materials, 2021, 31, 2008699.	14.9	13
4	High-Performance Organic Semiconducting Polymers by a Resonance-Assisted Hydrogen Bonding Approach. Chemistry of Materials, 2021, 33, 580-588.	6.7	31
5	Bis-isatin based polymers with tunable energy levels for organic field-effect transistor applications. Polymer Chemistry, 2021, 12, 2317-2324.	3.9	8
6	Solvent Resistant Hole-Transporting Thin Films via Diacetylene Cross-Linking and Their Applications in Solution-Processed QLEDs. ACS Applied Polymer Materials, 2020, 2, 3274-3281.	4.4	16
7	Photocross-Linkable Hole Transport Materials for Inkjet-Printed High-Efficient Quantum Dot Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2020, 12, 58369-58377.	8.0	21
8	Polymerizations of Diketopyrrolopyrrole-Type Dyes in Unconventional Orientation. ACS Applied Polymer Materials, 2020, 2, 5698-5704.	4.4	5
9	Silicon-Based Self-Assemblies for High Volumetric Capacity Li-Ion Batteries via Effective Stress Management. Advanced Functional Materials, 2020, 30, 2002980.	14.9	76
10	Scalable Processing Ultrathin Polymer Dielectric Films with a Generic Solution Based Approach for Wearable Soft Electronics. Advanced Materials Technologies, 2019, 4, 1800681.	5.8	36
11	A Facile Photo-cross-linking Method for Polymer Gate Dielectrics and Their Applications in Fully Solution Processed Low Voltage Organic Field-effect Transistors on Plastic Substrate. Chinese Journal of Polymer Science (English Edition), 2018, 36, 918-924.	3.8	14
12	All-Solution-Processed Quantum Dot Light Emitting Diodes Based on Double Hole Transport Layers by Hot Spin-Coating with Highly Efficient and Low Turn-On Voltage. ACS Applied Materials & Interfaces, 2018, 10, 29076-29082.	8.0	73
13	Molecular stacking dependent phosphorescence-fluorescence dual emission in a single luminophore for self-recoverable mechanoconversion of multicolor luminescence. Chemical Communications, 2017, 53, 2661-2664.	4.1	90
14	Tuning for Visible Fluorescence and Near-Infrared Phosphorescence on a Unimolecular Mechanically Sensitive Platform via Adjustable CH π - π Interaction. ACS Applied Materials & Interfaces, 2017, 9, 3865-3872.	8.0	56
15	Crosslinked conjugated polymers as hole transport layers in high-performance quantum dot light-emitting diodes. Nanoscale Horizons, 2017, 2, 156-162.	8.0	31
16	Helical Self-Assembly-Induced Singlet-Triplet Emissive Switching in a Mechanically Sensitive System. Journal of the American Chemical Society, 2017, 139, 785-791.	13.7	153
17	A comparative study of bithiophene and thienothiophene based polymers for organic field-effect transistor applications. Journal of Materials Science: Materials in Electronics, 2016, 27, 9143-9151.	2.2	2
18	Photovoltaic properties of 3,3'-ethane-1,2-diylidene)-bis(indolin-2-one) based conjugated polymers. RSC Advances, 2016, 6, 11888-11894.	3.6	5

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19	Cross-linked Polymer Blend Gate Dielectrics through Thermal Click Chemistry. Chemistry - A European Journal, 2015, 21, 17762-17768.	3.3	9
20	Synthesis and characterization of conjugated polymer based on tetracyano-anthraquinodimethane. Polymer Bulletin, 2015, 72, 2553-2560.	3.3	2
21	Low temperature cross-linked, high performance polymer gate dielectrics for solution-processed organic field-effect transistors. Polymer Chemistry, 2015, 6, 5884-5890.	3.9	25
22	The dielectric properties of low temperature thermally cross-linked polystyrene and poly(methyl Tj ETQq0 0 0 rgBT/Overlock 9 10 Tf 50 6	3.6	9
23	Photochemical characterization of bi-functional compounds containing indolinospiropyran and chalcone groups. Research on Chemical Intermediates, 2015, 41, 3017-3029.	2.7	4
24	Random Copolymers Based on Thieno[3,4- <i>c</i>]pyrrole-4,6-dione and Isoindigo Building Blocks for Polymer Solar Cells. Chinese Journal of Chemistry, 2014, 32, 521-526.	4.9	9
25	An expanded isoindigo unit as a new building block for a conjugated polymer leading to high-performance solar cells. Journal of Materials Chemistry A, 2014, 2, 5427-5433.	10.3	48
26	Recent developments on isoindigo-based conjugated polymers. Polymer Chemistry, 2014, 5, 3298-3305.	3.9	132
27	Synthesis and photovoltaic performances of a conjugated polymer based on a new naphthodifuran monomer. Polymer Chemistry, 2014, 5, 2561-2566.	3.9	15
28	Application of thermal azide-alkyne cycloaddition (TAAC) reaction as a low temperature cross-linking method in polymer gate dielectrics for organic field-effect transistors. Journal of Materials Chemistry C, 2014, 2, 3517.	5.5	24
29	Probing bias stress effect and contact resistance in bilayer ambipolar organic field-effect transistors. Applied Physics Letters, 2013, 103, .	3.3	15
30	Trifluoromethylated thieno[3,4- <i>b</i>]thiophene-2-ethyl carboxylate as a building block for conjugated polymers. Polymer Chemistry, 2013, 4, 5275.	3.9	17
31	Synthesis and photovoltaic properties of new conjugated polymers based on two angular-shaped naphthodifuran isomers and isoindigo. Solar Energy Materials and Solar Cells, 2013, 118, 22-29.	6.2	19
32	A low bandgap polymer based on isoindigo and bis(dialkylthienyl)benzodithiophene for organic photovoltaic applications. Journal of Polymer Science Part A, 2013, 51, 94-100.	2.3	33
33	Dithieno[<i>a,c</i>]pentalene Based Conjugated Polymers: Synthesis and Characterization. Chinese Journal of Chemistry, 2013, 31, 1404-1408.	4.9	9
34	Modeling of the atom transfer radical polymerization for preparing novel fluorosilicone diblock copolymers in a semi-batch reactor. Journal of Applied Polymer Science, 2013, 130, 3473-3481.	2.6	4
35	Synthesis and photovoltaic properties of new conjugated polymers based on syn- and anti-benzodifuran. Polymer Chemistry, 2012, 3, 2949.	3.9	30
36	Synthesis and Characterization of a 2,4,6-Tri(2-thienyl)pyridine-Based Conjugated Polymer for OFET Applications. Macromolecular Chemistry and Physics, 2012, 213, 917-923.	2.2	4

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37	Synthesis and characterization of pyromellitic diimides-containing conjugated polymers. <i>Polymer Bulletin</i> , 2012, 69, 63-69.	3.3	5
38	Synthesis and Photovoltaic Properties of New Low Bandgap Isoindigo-Based Conjugated Polymers. <i>Macromolecules</i> , 2011, 44, 1414-1420.	4.8	145
39	Novel UV-sensitive bis-chalcone derivatives: synthesis and photocrosslinking properties in solution and solid PMMA film. <i>Research on Chemical Intermediates</i> , 2011, 37, 635-646.	2.7	16
40	“Click”-Synthesis of a Bipolar Dendrimer as a Host Material for Electrophosphorescent Devices. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 1969-1976.	2.2	9
41	Synthesis and Photovoltaic Properties of Conjugated Copolymers with Benzo[1,2-b:4,5-b']dithiophene and Bis(thiophene)phthalimide Units. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 2596-2601.	2.2	25
42	Novel Low Bandgap EDOT-Naphthalene Bisimides Conjugated Polymers: Synthesis, Redox, and Optical Properties. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 769-775.	2.2	33