

Qinqin Shi

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,344
citations

331670

21
h-index

345221

36
g-index

44
all docs

44
docs citations

44
times ranked

1670
citing authors

#	ARTICLE	IF	CITATIONS
1	A Solution Processable D-A-D Molecule based on Thiazolothiazole for High Performance Organic Solar Cells. <i>Advanced Energy Materials</i> , 2012, 2, 63-67.	19.5	121
2	Achieving Efficient NIR-II Type-II Photosensitizers for Photodynamic/Photothermal Therapy upon Regulating Chalcogen Elements. <i>Advanced Materials</i> , 2022, 34, e2108146.	21.0	116
3	Side Chain Engineering of Copolymers Based on Bithiazole and Benzodithiophene for Enhanced Photovoltaic Performance. <i>Macromolecules</i> , 2011, 44, 4230-4240.	4.8	88
4	Simple Nonfused Ring Electron Acceptors with Noncovalently Conformational Locks for Low-Cost and High-Performance Organic Solar Cells Enabled by End-Group Engineering. <i>Advanced Functional Materials</i> , 2022, 32, 2108861.	14.9	84
5	Solution processable D-A-D molecules based on triphenylamine for efficient organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2010, 94, 457-464.	6.2	76
6	Synthesis of Copolymers Based on Thiazolothiazole and Their Applications in Polymer Solar Cells. <i>Journal of Physical Chemistry C</i> , 2010, 114, 16843-16848.	3.1	64
7	High Performance Nanocrystals of a Donor-Acceptor Conjugated Polymer. <i>Chemistry of Materials</i> , 2013, 25, 2649-2655.	6.7	64
8	A Copolymer of Benzodithiophene with TIPS Side Chains for Enhanced Photovoltaic Performance. <i>Macromolecules</i> , 2011, 44, 9173-9179.	4.8	61
9	KO ^t -Bu-Initiated Aryl C-H Iodination: A Powerful Tool for the Synthesis of High Electron Affinity Compounds. <i>Journal of the American Chemical Society</i> , 2016, 138, 3946-3949.	13.7	57
10	Toward Achieving Single-Molecule White Electroluminescence from Dual Emission of Fluorescence and Phosphorescence. <i>Chemistry of Materials</i> , 2020, 32, 4038-4044.	6.7	57
11	Precisely Tuning Photothermal and Photodynamic Effects of Polymeric Nanoparticles by Controlled Copolymerization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12756-12761.	13.8	50
12	Low-Bandgap Conjugated Donor-Acceptor Copolymers Based on Porphyrin with Strong Two-Photon Absorption. <i>Macromolecules</i> , 2010, 43, 9620-9626.	4.8	49
13	Evolved structure of thiazolothiazole based small molecules towards enhanced efficiency in organic solar cells. <i>Organic Electronics</i> , 2013, 14, 599-606.	2.6	45
14	A Low-Bandgap Conjugated Polymer Based on Squaraine with Strong Two-Photon Absorption. <i>Macromolecules</i> , 2011, 44, 3759-3765.	4.8	40
15	Conjugated Polymers Based on a New Building Block: Dithienophthalimide. <i>Macromolecules</i> , 2011, 44, 4213-4221.	4.8	36
16	Small molecules based on bithiazole for solution-processed organic solar cells. <i>Organic Electronics</i> , 2012, 13, 673-680.	2.6	36
17	Perylene Diimide-Based Conjugated Polymers for All-Polymer Solar Cells. <i>Chemistry - A European Journal</i> , 2020, 26, 12510-12522.	3.3	29
18	Thiazolothiazole-containing polythiophenes with low HOMO level and high hole mobility for polymer solar cells. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4875-4885.	2.3	25

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19	Copolymers of benzo[1,2-b:4,5-b ^{€2}]dithiophene and bithiazole for high-performance thin film phototransistors. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9505-9511.	5.5	25
20	Solvent-vapor induced self-assembly of a conjugated polymer: A correlation between solvent nature and transistor performance. <i>Organic Electronics</i> , 2012, 13, 2372-2378.	2.6	23
21	Enhancing Photovoltaic Performances of Naphthalene-Based Unfused Ring Electron Acceptors upon Regioisomerization. <i>Solar Rrl</i> , 2021, 5, 2100094.	5.8	21
22	Efficient room temperature catalytic synthesis of alternating conjugated copolymers via C-S bond activation. <i>Nature Communications</i> , 2022, 13, 144.	12.8	21
23	Self-powered flexible artificial synapse for near-infrared light detection. <i>Cell Reports Physical Science</i> , 2021, 2, 100507.	5.6	19
24	Intermediate-Sized Conjugated Donor Molecules for Organic Solar Cells: Comparison of Benzodithiophene and Benzobisthiazole-Based Cores. <i>Chemistry of Materials</i> , 2017, 29, 7880-7887.	6.7	17
25	The Synthesis and Optoelectronic Applications for Tellurophene-Based Small Molecules and Polymers. <i>ChemPhysChem</i> , 2019, 20, 2600-2607.	2.1	17
26	Ultra-stable tellurium-doped carbon quantum dots for cell protection and near-infrared photodynamic application. <i>Science Bulletin</i> , 2020, 65, 1580-1586.	9.0	17
27	Synthetic Routes for Heteroatom-Containing Alkylated/Arylated Polycyclic Aromatic Hydrocarbons. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2924-2928.	13.8	14
28	Ternary Blend Organic Solar Cells Based on P3HT/TT-TTPA/PC ₆₁ BM. <i>Acta Chimica Sinica</i> , 2015, 73, 252.	1.4	12
29	S [€] Cl intramolecular interaction: An efficient strategy to improve power conversion efficiency of organic solar cells. <i>Dyes and Pigments</i> , 2020, 179, 108416.	3.7	11
30	Air Stable Chalcogen-Doped Rubicenes with Diradical Character. <i>CCS Chemistry</i> , 2022, 4, 3669-3676.	7.8	11
31	Synthesis and C [€] H Functionalization Chemistry of Thiazole-Semicoronenediimides (TsCDIs) and -Coronenediimides (TCDIs). <i>Journal of Organic Chemistry</i> , 2017, 82, 10139-10148.	3.2	8
32	The Direct Arylation Polymerization (DAP) of Well-Defined Alternating Copolymers Based On 5,6-Dicyano[2,1,3]benzothiadiazole (DCBT). <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1419-1425.	2.7	8
33	Precisely Tuning Photothermal and Photodynamic Effects of Polymeric Nanoparticles by Controlled Copolymerization. <i>Angewandte Chemie</i> , 2020, 132, 12856-12861.	2.0	7
34	Synthetic Routes for Heteroatom-Containing Alkylated/Arylated Polycyclic Aromatic Hydrocarbons. <i>Angewandte Chemie</i> , 2021, 133, 2960-2964.	2.0	6
35	Microwave-Assisted Classic Ullmann C [€] C Coupling Polymerization for Acceptor-Acceptor Homopolymers. <i>Polymers</i> , 2019, 11, 1741.	4.5	3
36	The Aryl Sulfide Synthesis via Sulfide Transfer. <i>Chemistry - A European Journal</i> , 2022, , e202200869.	3.3	1

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37	Frontispiece: Perylene Diimide-Based Conjugated Polymers for All-Polymer Solar Cells. Chemistry - A European Journal, 2020, 26, .	3.3	0
38	Self-Powered Flexible Artificial Synapse for Near-Infrared Light Detection. SSRN Electronic Journal, 0, , .	0.4	0
39	Defect-Free Alternating Conjugated Polymers Enabled by Room-Temperature Stille Polymerization. Angewandte Chemie, 0, , .	2.0	0
40	Rücktitelbild: Defect-Free Alternating Conjugated Polymers Enabled by Room-Temperature Stille Polymerization (Angew. Chem. 16/2022). Angewandte Chemie, 2022, 134, .	2.0	0