Qinqin Shi

List of Publications by Year
in descending order

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	Simple Nonfusedâ€Ring Electron Acceptors with Noncovalently Conformational Locks for Lowâ€Cost and Highâ€Performance Organic Solar Cells Enabled by Endâ€Group Engineering. Advanced Functional Materials, 2022, 32, 2108861.	14.9	84
2	Efficient room temperature catalytic synthesis of alternating conjugated copolymers via C-S bond activation. Nature Communications, 2022, 13, 144.	12.8	21
3	Achieving Efficient NIRâ€II Typeâ€I Photosensitizers for Photodynamic/Photothermal Therapy upon Regulating Chalcogen Elements. Advanced Materials, 2022, 34, e2108146.	21.0	116
4	Air Stable Chalcogen-Doped Rubicenes with Diradical Character. CCS Chemistry, 2022, 4, 3669-3676.	7.8	11
5	RÃ¼cktitelbild: Defectâ€Free Alternating Conjugated Polymers Enabled by Roomâ€•Temperature Stille Polymerization (Angew. Chem. 16/2022). Angewandte Chemie, 2022, 134, .	2.0	0
6	The Aryl Sulfide Synthesis via Sulfide Transfer. Chemistry - A European Journal, 2022, , e202200869.	3.3	1
7	Synthetic Routes for Heteroatomâ€Containing Alkylated/Arylated Polycyclic Aromatic Hydrocarbons. Angewandte Chemie, 2021, 133, 2960-2964.	2.0	6
8	Synthetic Routes for Heteroatomâ€Containing Alkylated/Arylated Polycyclic Aromatic Hydrocarbons. Angewandte Chemie - International Edition, 2021, 60, 2924-2928.	13.8	14
9	Enhancing Photovoltaic Performances of Naphthaleneâ€Based Unfusedâ€Ring Electron Acceptors upon Regioisomerization. Solar Rrl, 2021, 5, 2100094.	5.8	21
10	Self-powered flexible artificial synapse for near-infrared light detection. Cell Reports Physical Science, 2021, 2, 100507.	5.6	19
11	Frontispiece: Perylene Diimideâ€Based Conjugated Polymers for Allâ€Polymer Solar Cells. Chemistry - A European Journal, 2020, 26, .	3.3	0
12	Precisely Tuning Photothermal and Photodynamic Effects of Polymeric Nanoparticles by Controlled Copolymerization. Angewandte Chemie, 2020, 132, 12856-12861.	2.0	7
13	Ultra-stable tellurium-doped carbon quantum dots for cell protection and near-infrared photodynamic application. Science Bulletin, 2020, 65, 1580-1586.	9.0	17
14	Perylene Diimideâ€Based Conjugated Polymers for Allâ€Polymer Solar Cells. Chemistry - A European Journal, 2020, 26, 12510-12522.	3.3	29
15	Sâ‹¯Cl intramolecular interaction: An efficient strategy to improve power conversion efficiency of organic solar cells. Dyes and Pigments, 2020, 179, 108416.	3.7	11
16	Precisely Tuning Photothermal and Photodynamic Effects of Polymeric Nanoparticles by Controlled Copolymerization. Angewandte Chemie - International Edition, 2020, 59, 12756-12761.	13.8	50
17	Toward Achieving Single-Molecule White Electroluminescence from Dual Emission of Fluorescence and Phosphorescence. Chemistry of Materials, 2020, 32, 4038-4044.	6.7	57
18	Microwave-Assisted Classic Ullmann Câ€“C Coupling Polymerization for Acceptor-Acceptor Homopolymers. Polymers, 2019, 11, 1741.	4.5	3

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19	The Synthesis and Optoelectronic Applications for Telluropheneâ€Based Small Molecules and Polymers. ChemPhysChem, 2019, 20, 2600-2607.	2.1	17
20	The Direct Arylation Polymerization (DArP) of Wellâ€Defined Alternating Copolymers Based On 5,6â€Dicyano[2,1,3]benzothiadiazole (DCBT). Asian Journal of Organic Chemistry, 2018, 7, 1419-1425.	2.7	8
21	Synthesis and Câ€“H Functionalization Chemistry of Thiazole-Semicoronenediimides (TsCDIs) and -Coronenediimides (TCDIs). Journal of Organic Chemistry, 2017, 82, 10139-10148.	3.2	8
22	Intermediate-Sized Conjugated Donor Molecules for Organic Solar Cells: Comparison of Benzodithiophene and Benzobisthiazole-Based Cores. Chemistry of Materials, 2017, 29, 7880-7887.	6.7	17
23	KO^tBu-Initiated Aryl Câ€“H Iodination: A Powerful Tool for the Synthesis of High Electron Affinity Compounds. Journal of the American Chemical Society, 2016, 138, 3946-3949.	13.7	57
24	Ternary Blend Organic Solar Cells Based on P3HT/TT-TTPA/PC₆₁BM. Acta Chimica Sinica, 2015, 73, 252.	1.4	12
25	Copolymers of benzo[1,2-b:4,5-bâ€²]dithiophene and bithiazole for high-performance thin film phototransistors. Journal of Materials Chemistry C, 2014, 2, 9505-9511.	5.5	25
26	Evolved structure of thiazolothiazole based small molecules towards enhanced efficiency in organic solar cells. Organic Electronics, 2013, 14, 599-606.	2.6	45
27	High Performance Nanocrystals of a Donorâ€“Acceptor Conjugated Polymer. Chemistry of Materials, 2013, 25, 2649-2655.	6.7	64
28	Solvent-vapor induced self-assembly of a conjugated polymer: A correlation between solvent nature and transistor performance. Organic Electronics, 2012, 13, 2372-2378.	2.6	23
29	Small molecules based on bithiazole for solution-processed organic solar cells. Organic Electronics, 2012, 13, 673-680.	2.6	36
30	A Solution Processable Dâ€Aâ€D Molecule based on Thiazolothiazole for High Performance Organic Solar Cells. Advanced Energy Materials, 2012, 2, 63-67.	19.5	121
31	A Low-Bandgap Conjugated Polymer Based on Squaraine with Strong Two-Photon Absorption. Macromolecules, 2011, 44, 3759-3765.	4.8	40
32	A Copolymer of Benzodithiophene with TIPS Side Chains for Enhanced Photovoltaic Performance. Macromolecules, 2011, 44, 9173-9179.	4.8	61
33	Conjugated Polymers Based on a New Building Block: Dithienophthalimide. Macromolecules, 2011, 44, 4213-4221.	4.8	36
34	Side Chain Engineering of Copolymers Based on Bithiazole and Benzodithiophene for Enhanced Photovoltaic Performance. Macromolecules, 2011, 44, 4230-4240.	4.8	88
35	Thiazolothiazoleâ€containing polythiophenes with low HOMO level and high hole mobility for polymer solar cells. Journal of Polymer Science Part A, 2011, 49, 4875-4885.	2.3	25
36	Solution processable D-A-D molecules based on triphenylamine for efficient organic solar cells. Solar Energy Materials and Solar Cells, 2010, 94, 457-464.	6.2	76

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37	Low-Bandgap Conjugated Donorâ^'Acceptor Copolymers Based on Porphyrin with Strong Two-Photon Absorption. Macromolecules, 2010, 43, 9620-9626.	4.8	49
38	Synthesis of Copolymers Based on Thiazolothiazole and Their Applications in Polymer Solar Cells. Journal of Physical Chemistry C, 2010, 114, 16843-16848.	3.1	64
39	Self-Powered Flexible Artificial Synapse for Near-Infrared Light Detection. SSRN Electronic Journal, 0, , .	0.4	0
40	Defectâ€Free Alternating Conjugated Polymers Enabled by Roomâ€Temperature Stille Polymerization. Angewandte Chemie, 0, , .	2.0	0