Shuyang Ye

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11064844/publications.pdf

Version: 2024-02-01

26	1,227	623734	580821
papers	citations	14 h-index	25 g-index

27	27	27	2508
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Poreâ€Forming Strategy Toward Porous Carbonâ€Based Substrates for High Performance Flexible Lithium Metal Full Batteries. Energy and Environmental Materials, 2023, 6, .	12.8	8
2	Group 16 conjugated polymers based on furan, thiophene, selenophene, and tellurophene. Chemical Society Reviews, 2022, 51, 6442-6474.	38.1	34
3	Spheruliteâ€Like Micelles. Angewandte Chemie, 2021, 133, 11045-11051.	2.0	4
4	Spheruliteâ€Like Micelles. Angewandte Chemie - International Edition, 2021, 60, 10950-10956.	13.8	15
5	Improving the Kumada Catalyst Transfer Polymerization with Water-Scavenging Grignard Reagents. ACS Macro Letters, 2021, 10, 697-701.	4.8	8
6	Robust Electrodes for Flexible Energy Storage Devices Based on Bimetallic Encapsulated Coreâ€“Multishell Structures. Advanced Science, 2021, 8, e2100911.	11.2	8
7	Microstructure and heteroatom dictate the doping mechanism and thermoelectric properties of poly(alkyl-chalcogenophenes). Applied Physics Letters, 2021, 118, 233301.	3.3	18
8	Elucidating the Role of Catalyst Steric and Electronic Effects in Controlling the Synthesis of Ï€-Conjugated Polymers. Macromolecules, 2020, 53, 138-148.	4.8	15
9	Crystallization-Driven Self-Assembly of Amphiphilic Triblock Terpolymers With Two Corona-Forming Blocks of Distinct Hydrophilicities. Macromolecules, 2020, 53, 6576-6588.	4.8	11
10	Isolation of Living Conjugated Polymer Chains. Journal of the American Chemical Society, 2020, 142, 11244-11251.	13.7	22
11	Homogenous Synthesis of Monodisperse High Oligomers of 3-Hexylthiophene by Temperature Cycling. Journal of the American Chemical Society, 2019, 141, 17053-17056.	13.7	21
12	The role of halogens in the catalyst transfer polycondensation for Ï€-conjugated polymers. Chemical Science, 2019, 10, 2075-2080.	7.4	23
13	Heavy atom substitution â€" A strategy for improving conductivity in conjugated polymers. Synthetic Metals, 2019, 253, 57-61.	3.9	13
14	Redox chemistry of Ï€-extended tellurophenes. Communications Chemistry, 2019, 2, .	4.5	12
15	Selfâ€Organization and Charge Transport Properties of Selenium and Tellurium Analogues of Polythiophene. Macromolecular Rapid Communications, 2019, 40, e1800596.	3.9	18
16	Unusual Performance Increase in Polymer Solar Cells by Cooling a Hot Donor/Acceptor Ink in a Good Solvent. ACS Applied Materials & Interfaces, 2018, 10, 979-984.	8.0	14
17	Effect of Heteroatom and Doping on the Thermoelectric Properties of Poly(3â€alkylchalcogenophenes). Advanced Energy Materials, 2018, 8, 1802419.	19.5	99
18	Examining Structureâ€“Propertyâ€“Function Relationships in Thiophene, Selenophene, and Tellurophene Homopolymers. ACS Applied Energy Materials, 2018, 1, 5033-5042.	5.1	24

#	Article	IF	Citations
19	Ambient Electrosynthesis of Ammonia: Electrode Porosity and Composition Engineering. Angewandte Chemie, 2018, 130, 12540-12544.	2.0	14
20	InnenrÃ¼cktitelbild: Ambient Electrosynthesis of Ammonia: Electrode Porosity and Composition Engineering (Angew. Chem. 38/2018). Angewandte Chemie, 2018, 130, 12765-12765.	2.0	0
21	Ambient Electrosynthesis of Ammonia: Electrode Porosity and Composition Engineering. Angewandte Chemie - International Edition, 2018, 57, 12360-12364.	13.8	160
22	Chemically Addressable Perovskite Nanocrystals for Lightâ€Emitting Applications. Advanced Materials, 2017, 29, 1701153.	21.0	139
23	What Limits the Molecular Weight and Controlled Synthesis of Poly(3-alkyltellurophene)s?. Macromolecules, 2016, 49, 1704-1711.	4.8	48
24	Synthesis and photophysical properties of platinum-acetylide copolymers with thiophene, selenophene and tellurophene. Chemical Communications, 2015, 51, 5475-5478.	4.1	33
25	Integrated power fiber for energy conversion and storage. Energy and Environmental Science, 2013, 6, 805.	30.8	359
26	Flexible fiber-type zincâ€“carbon battery based on carbon fiber electrodes. Nano Energy, 2013, 2, 1242-1248.	16.0	107