

Shuyang Ye

List of Publications by Year in descending order

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

Version: 2024-02-01

26
papers

1,227
citations

623734

14
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

2508
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated power fiber for energy conversion and storage. <i>Energy and Environmental Science</i> , 2013, 6, 805.	30.8	359
2	Ambient Electrosynthesis of Ammonia: Electrode Porosity and Composition Engineering. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12360-12364.	13.8	160
3	Chemically Addressable Perovskite Nanocrystals for Light-Emitting Applications. <i>Advanced Materials</i> , 2017, 29, 1701153.	21.0	139
4	Flexible fiber-type zinc-carbon battery based on carbon fiber electrodes. <i>Nano Energy</i> , 2013, 2, 1242-1248.	16.0	107
5	Effect of Heteroatom and Doping on the Thermoelectric Properties of Poly(3-alkylchalcogenophenes). <i>Advanced Energy Materials</i> , 2018, 8, 1802419.	19.5	99
6	What Limits the Molecular Weight and Controlled Synthesis of Poly(3-alkyltellurophene)s?. <i>Macromolecules</i> , 2016, 49, 1704-1711.	4.8	48
7	Group 16 conjugated polymers based on furan, thiophene, selenophene, and tellurophene. <i>Chemical Society Reviews</i> , 2022, 51, 6442-6474.	38.1	34
8	Synthesis and photophysical properties of platinum-acetylide copolymers with thiophene, selenophene and tellurophene. <i>Chemical Communications</i> , 2015, 51, 5475-5478.	4.1	33
9	Examining Structure-Property-Function Relationships in Thiophene, Selenophene, and Tellurophene Homopolymers. <i>ACS Applied Energy Materials</i> , 2018, 1, 5033-5042.	5.1	24
10	The role of halogens in the catalyst transfer polycondensation for π -conjugated polymers. <i>Chemical Science</i> , 2019, 10, 2075-2080.	7.4	23
11	Isolation of Living Conjugated Polymer Chains. <i>Journal of the American Chemical Society</i> , 2020, 142, 11244-11251.	13.7	22
12	Homogenous Synthesis of Monodisperse High Oligomers of 3-Hexylthiophene by Temperature Cycling. <i>Journal of the American Chemical Society</i> , 2019, 141, 17053-17056.	13.7	21
13	Self-Organization and Charge Transport Properties of Selenium and Tellurium Analogues of Polythiophene. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800596.	3.9	18
14	Microstructure and heteroatom dictate the doping mechanism and thermoelectric properties of poly(alkyl-chalcogenophenes). <i>Applied Physics Letters</i> , 2021, 118, 233301.	3.3	18
15	Elucidating the Role of Catalyst Steric and Electronic Effects in Controlling the Synthesis of π -Conjugated Polymers. <i>Macromolecules</i> , 2020, 53, 138-148.	4.8	15
16	Spherulite-Like Micelles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10950-10956.	13.8	15
17	Unusual Performance Increase in Polymer Solar Cells by Cooling a Hot Donor/Acceptor Ink in a Good Solvent. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 979-984.	8.0	14
18	Ambient Electrosynthesis of Ammonia: Electrode Porosity and Composition Engineering. <i>Angewandte Chemie</i> , 2018, 130, 12540-12544.	2.0	14

#	ARTICLE	IF	CITATIONS
19	Heavy atom substitution – A strategy for improving conductivity in conjugated polymers. <i>Synthetic Metals</i> , 2019, 253, 57-61.	3.9	13
20	Redox chemistry of –extended tellurophenes. <i>Communications Chemistry</i> , 2019, 2, .	4.5	12
21	Crystallization-Driven Self-Assembly of Amphiphilic Triblock Terpolymers With Two Corona-Forming Blocks of Distinct Hydrophilicities. <i>Macromolecules</i> , 2020, 53, 6576-6588.	4.8	11
22	Improving the Kumada Catalyst Transfer Polymerization with Water-Scavenging Grignard Reagents. <i>ACS Macro Letters</i> , 2021, 10, 697-701.	4.8	8
23	Robust Electrodes for Flexible Energy Storage Devices Based on Bimetallic Encapsulated Core – Multishell Structures. <i>Advanced Science</i> , 2021, 8, e2100911.	11.2	8
24	A Pore –Forming Strategy Toward Porous Carbon –Based Substrates for High Performance Flexible Lithium Metal Full Batteries. <i>Energy and Environmental Materials</i> , 2023, 6, .	12.8	8
25	Spherulite –Like Micelles. <i>Angewandte Chemie</i> , 2021, 133, 11045-11051.	2.0	4
26	Innenr – ttitelbild: Ambient Electrosynthesis of Ammonia: Electrode Porosity and Composition Engineering (<i>Angew. Chem.</i> 38/2018). <i>Angewandte Chemie</i> , 2018, 130, 12765-12765.	2.0	0