

Yue-Yan Zhang

List of Publications by Year in descending order

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17
papers

964
citations

686830

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h-index

887659

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20
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20
docs citations

20
times ranked

648
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in the polymerization of elemental sulphur, inverse vulcanization and methods to obtain functional Chalcogenide Hybrid Inorganic/Organic Polymers (CHIPs). <i>Polymer Chemistry</i> , 2019, 10, 4078-4105.	1.9	193
2	Inverse vulcanization of elemental sulfur and styrene for polymeric cathodes in Li-ion batteries. <i>Journal of Polymer Science Part A</i> , 2017, 55, 107-116.	2.5	139
3	Chalcogenide Hybrid Inorganic/Organic Polymers: Ultrahigh Refractive Index Polymers for Infrared Imaging. <i>ACS Macro Letters</i> , 2017, 6, 500-504.	2.3	111
4	Novel electrochromic materials based on chalcogenoviologens for smart windows, E-price tag and flexible display with improved reversibility and stability. <i>Chemical Engineering Journal</i> , 2021, 422, 130057.	6.6	72
5	Chalcogenide hybrid inorganic/organic polymers (CHIPs) via inverse vulcanization and dynamic covalent polymerizations. <i>Polymer Chemistry</i> , 2017, 8, 5167-5173.	1.9	66
6	Nucleophilic Activation of Elemental Sulfur for Inverse Vulcanization and Dynamic Covalent Polymerizations. <i>Journal of Polymer Science Part A</i> , 2019, 57, 7-12.	2.5	65
7	Asymmetric Michael addition reactions of 3-substituted benzofuran-2(3H)-ones to nitroolefins catalyzed by a bifunctional tertiary-amine thiourea. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 413-420.	1.5	57
8	Chiral Biscinchona Alkaloid Promoted Asymmetric Allylic Alkylation of 3-Substituted Benzofuran-2(3H)-ones with Morita-Baylis-Hillman Carbonates. <i>Journal of Organic Chemistry</i> , 2011, 76, 5838-5845.	1.7	56
9	Functionalized chalcogenide hybrid inorganic/organic polymers (CHIPs) via inverse vulcanization of elemental sulfur and vinylanilines. <i>Polymer Chemistry</i> , 2018, 9, 2290-2294.	1.9	48
10	Asymmetric Michael Addition Reactions between 3-Substituted Benzofuran-2(3H)-ones and 1,1-Bis(phenylsulfonyl)ethylene Catalyzed by Bifunctional Catalysts Containing Tertiary Amine and Thiourea Groups. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1774-1782.	1.2	40
11	ortho-Terphenylene Viologens with Through-Space Conjugation for Enhanced Photocatalytic Oxidative Coupling and Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , 2022, 144, 4422-4430.	6.6	38
12	Isometric Thionated Naphthalene Diimides As Organic Cathodes for High Capacity Lithium Batteries. <i>Chemistry of Materials</i> , 2020, 32, 10575-10583.	3.2	26
13	Poly(NIPAM-co-thienoviologen) for multi-responsive smart windows and thermo-controlled photodynamic antimicrobial therapy. <i>Journal of Materials Chemistry A</i> , 2021, 9, 18369-18376.	5.2	14
14	Electron-accepting carborane viologen and iron based-supramolecular polymers for electrochromism and enhanced photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16326-16332.	2.7	13
15	Thienoviologen anolytes for aqueous organic redox flow batteries with simultaneously enhanced capacity utilization and capacity retention. <i>Journal of Materials Chemistry A</i> , 2022, 10, 9830-9836.	5.2	12
16	Biphenyl Diimide Based Novel Blue Emitters with Aggregation-Induced Blue-Shifted Emission Characteristics. <i>ChemPhotoChem</i> , 2020, 4, 59-67.	1.5	7
17	A novel π -conjugated poly(biphenyl diimide) with full utilization of carbonyls as a highly stable organic electrode for Li-ion batteries. <i>RSC Advances</i> , 2020, 10, 31049-31055.	1.7	7