Yue-Yan Zhang

List of Publications by Year
in descending order

17 papers	964 citations	686830 13 h-index	887659 17 g-index
20 all docs	20 docs citations	20 times ranked	648 citing authors

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