Lixing Xia

List of Publications by Year
in descending order

9 papers	111 citations	1307594 7 h-index	1588992 8 g-index
9 all docs	9 docs citations	9 times ranked	173 citing authors

#	Article	IF	Citations
1	Intramolecular hydrogen bonds induced high solubility for efficient and stable anthraquinone based neutral aqueous organic redox flow batteries. Journal of Power Sources, 2021, 498, 229896.	7.8	21
2	A pentacyclic S,N-heteroacene based electron acceptor with strong near-infrared absorption for efficient organic solar cells. Chemical Communications, 2019, 55, 7057-7060.	4.1	20
3	Solutionâ€Processed Titanium Chelate Used as Both Electrode Modification Layer and Intermediate Layer for Efficient Inverted Tandem Polymer Solar Cells. Chinese Journal of Chemistry, 2018, 36, 194-198.	4.9	19
4	Perfect Complementary in Absorption Spectra with Fullerene, Nonfullerene Acceptors and Medium Band Gap Donor for High-Performance Ternary Polymer Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 29831-29839.	8.0	15
5	Enhancing the Cycling Stability of Anthraquinone-Based Redox Flow Batteries by Using Thermally Oxidized Carbon Felt. ACS Applied Energy Materials, 2022, 5, 1984-1991.	5.1	14
6	Battery performance optimization and multi-component transport enhancement of organic flow battery based on channel section reconstruction. Energy, 2022, 258, 124757.	8.8	8
7	Analysis of Battery Performance and Mass Transfer Behavior for Organic Redox Flow Battery with Different Flow Fields. Journal of the Electrochemical Society, 2022, 169, 070529.	2.9	8
8	A Lowâ€Potential and Stable Bisâ€Dimethylamino Substituted Anthraquinone for pHâ€Neutral Aqueous Redox Flow Batteries. ChemElectroChem, 0, , .	3.4	4
9	Noncovalent interactions induced self-association in anthraquinone-iron aqueous redox flow batteries. Sustainable Energy and Fuels, 2022, 6, 2045-2052.	4.9	2