

# Lixing Xia

## List of Publications by Year in descending order

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9  
papers

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1307594  
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times ranked

173  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Noncovalent interactions induced self-association in anthraquinone-iron aqueous redox flow batteries. Sustainable Energy and Fuels, 2022, 6, 2045-2052.	4.9	2
3	Battery performance optimization and multi-component transport enhancement of organic flow battery based on channel section reconstruction. Energy, 2022, 258, 124757.	8.8	8
4	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
5	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
6	A pentacyclic <i>S</i> , <i>N</i> -heteroacene based electron acceptor with strong near-infrared absorption for efficient organic solar cells. Chemical Communications, 2019, 55, 7057-7060.	4.1	20
7	Solution-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
8	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
9	A Low-Potential and Stable Bis-Dimethylamino Substituted Anthraquinone for pH-Neutral Aqueous Redox Flow Batteries. ChemElectroChem, 0, , .	3.4	4