

Meisam Bahari

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

227
citations

1163117

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1372567

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times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ electrochemical recombination of decomposed redox-active species in aqueous organic flow batteries. <i>Nature Chemistry</i> , 2022, 14, 1103-1109.	13.6	55
2	Electrochemical Glucose Sensors Enhanced by Methyl Viologen and Vertically Aligned Carbon Nanotube Channels. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 28351-28360.	8.0	37
3	High-performance anthraquinone with potentially low cost for aqueous redox flow batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 26709-26716.	10.3	36
4	Anthraquinone Flow Battery Reactants with Nonhydrolyzable Water-Solubilizing Chains Introduced via a Generic Cross-Coupling Method. <i>ACS Energy Letters</i> , 2022, 7, 226-235.	17.4	35
5	Highly Stable, Low Redox Potential Quinone for Aqueous Flow Batteries**. <i>Batteries and Supercaps</i> , 2022, 5, .	4.7	22
6	Oxidation efficiency of glucose using viologen mediators for glucose fuel cell applications with non-precious anodes. <i>Applied Energy</i> , 2020, 261, 114382.	10.1	13
7	Soluble viologen polymers as carbohydrate oxidation catalysts for alkaline carbohydrate fuel cells. <i>Journal of Electroanalytical Chemistry</i> , 2018, 823, 416-421.	3.8	11
8	Electron-mediated carbohydrate fuel cells: Characterizing the homogeneous viologen-mediated electron transfer rate of carbohydrate oxidation. <i>Renewable Energy</i> , 2020, 145, 1985-1991.	8.9	11
9	An Asymmetric Viologen-Based Negolyte with a Low Redox Potential for Neutral Aqueous Redox Flow Batteries. <i>Journal of the Electrochemical Society</i> , 2021, 168, 090525.	2.9	4
10	Mathematical and Experimental Analysis of the Rate Performance of Viologen-Mediated Glucose Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2020, 167, 155523.	2.9	3