

Karsten Pinkwart

List of Publications by Year in descending order

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Version: 2024-02-01

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#	ARTICLE	IF	CITATIONS
1	Techno-Economic Modeling and Analysis of Redox Flow Battery Systems. <i>Energies</i> , 2016, 9, 627.	3.1	90
2	Vanadium Electrolyte for All-Vanadium Redox-Flow Batteries: The Effect of the Counter Ion. <i>Batteries</i> , 2019, 5, 13.	4.5	45
3	Aspects of electron transfer processes in vanadium redox-flow batteries. <i>Current Opinion in Electrochemistry</i> , 2020, 19, 42-48.	4.8	43
4	The role of phosphate additive in stabilization of sulphuric-acid-based vanadium(V) electrolyte for all-vanadium redox-flow batteries. <i>Journal of Power Sources</i> , 2017, 363, 234-243.	7.8	39
5	Aging Studies of Vanadium Redox Flow Batteries. <i>ECS Transactions</i> , 2010, 33, 3-9.	0.5	13
6	Towards an all-vanadium redox-flow battery electrolyte: electrooxidation of V(III) in V(IV)/V(III) redox couple. <i>Electrochimica Acta</i> , 2016, 211, 926-932.	5.2	13
7	Segmented Printed Circuit Board Electrode for Locally-resolved Current Density Measurements in All-Vanadium Redox Flow Batteries. <i>Batteries</i> , 2019, 5, 38.	4.5	12
8	The Influence of Free Acid in Vanadium Redox-Flow Battery Electrolyte on Power Drop Effect and Thermally Induced Degradation. <i>Energy Technology</i> , 2020, 8, 2000445.	3.8	8
9	Use of Carbon Additives towards Rechargeable Zinc Slurry Air Flow Batteries. <i>Energies</i> , 2020, 13, 4482.	3.1	8
10	Development of Flow Fields for Zinc Slurry Air Flow Batteries. <i>Batteries</i> , 2020, 6, 15.	4.5	8
11	In Situ Measurement of Localized Current Distribution in H ₂ -Br ₂ Redox Flow Batteries. <i>Energies</i> , 2021, 14, 4945.	3.1	1