Karsten Pinkwart

List of Publications by Year
in descending order

11	283	1163117 8	1281871 11
papers	citations	h-index	g-index

12	12	12	347
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In Situ Measurement of Localized Current Distribution in H2-Br2 Redox Flow Batteries. Energies, 2021, 14, 4945.	3.1	1
2	Aspects of electron transfer processes in vanadium redox-flow batteries. Current Opinion in Electrochemistry, 2020, 19, 42-48.	4.8	43
3	The Influence of Free Acid in Vanadium Redoxâ€Flow Battery Electrolyte on â€œPower Dropâ€•Effect and Thermally Induced Degradation. Energy Technology, 2020, 8, 2000445.	3.8	8
4	Use of Carbon Additives towards Rechargeable Zinc Slurry Air Flow Batteries. Energies, 2020, 13, 4482.	3.1	8
5	Development of Flow Fields for Zinc Slurry Air Flow Batteries. Batteries, 2020, 6, 15.	4.5	8
6	Segmented Printed Circuit Board Electrode for Locally-resolved Current Density Measurements in All-Vanadium Redox Flow Batteries. Batteries, 2019, 5, 38.	4.5	12
7	Vanadium Electrolyte for All-Vanadium Redox-Flow Batteries: The Effect of the Counter Ion. Batteries, 2019, 5, 13.	4.5	45
8	The role of phosphate additive in stabilization of sulphuric-acid-based vanadium(V) electrolyte for all-vanadium redox-flow batteries. Journal of Power Sources, 2017, 363, 234-243.	7.8	39
9	Techno-Economic Modeling and Analysis of Redox Flow Battery Systems. Energies, 2016, 9, 627.	3.1	90
10	Towards an all-vanadium redox-flow battery electrolyte: electrooxidation of V(III) in V(IV)/V(III) redox couple. Electrochimica Acta, 2016, 211, 926-932.	5.2	13
11	Aging Studies of Vanadium Redox Flow Batteries. ECS Transactions, 2010, 33, 3-9.	0.5	13