Nataliya V Roznyatovskaya

List of Publications by Year
in descending order

9	798	1163117 8	1474206 9
papers	citations	h-index	g-index

9	9	9	1065
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aspects of electron transfer processes in vanadium redox-flow batteries. Current Opinion in Electrochemistry, 2020, 19, 42-48.	4.8	43
2	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
3	Vanadium Electrolyte for All-Vanadium Redox-Flow Batteries: The Effect of the Counter Ion. Batteries, 2019, 5, 13.	4.5	45
4	The influence of electrochemical treatment on electrode reactions for vanadium redox-flow batteries. Journal of Energy Chemistry, 2018, 27, 1341-1352.	12.9	20
5	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
6	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
7	Detection of capacity imbalance in vanadium electrolyte and its electrochemical regeneration for all-vanadium redox-flow batteries. Journal of Power Sources, 2016, 302, 79-83.	7.8	59
8	The Chemistry of Redoxâ€Flow Batteries. Angewandte Chemie - International Edition, 2015, 54, 9776-9809.	13.8	565
9	Sieving Effects in Electrical Doubleâ€Layer Capacitors Based on Neat [Al(hfip)₄]^{â^'} and [NTf₂]^{â^'} Ionic Liquids. ChemElectroChem, 2015, 2, 829-836.	3.4	6