

Nataliya A Gvozdk

List of Publications by Year in descending order

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12
papers

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citations

1478505

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1372567

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g-index

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docs citations

12
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	Cobalt and Vanadium Trimetaphosphate Polyanions: Synthesis, Characterization, and Electrochemical Evaluation for Non-aqueous Redox-Flow Battery Applications. <i>Journal of the American Chemical Society</i> , 2018, 140, 538-541.	13.7	59
2	Influence of aminosilane precursor concentration on physicochemical properties of composite Nafion membranes for vanadium redox flow battery applications. <i>Journal of Power Sources</i> , 2017, 340, 32-39.	7.8	33
3	In situ spectroelectrochemical Raman studies of vanadyl-ion oxidation mechanisms on carbon paper electrodes for vanadium flow batteries. <i>Electrochimica Acta</i> , 2021, 383, 138300.	5.2	15
4	Composite lithium-conductive LATP+PVdF membranes: Development, optimization, and applicability for Li-TEMPO hybrid redox flow batteries. <i>Journal of Membrane Science</i> , 2022, 643, 120002.	8.2	8
5	Membranes based on carboxyl-containing polyacrylonitrile for applications in vanadium redox-flow batteries. <i>Mendelevov Communications</i> , 2017, 27, 390-391.	1.6	6
6	A Composite Membrane Based on Sulfonated Polystyrene Implanted in a Stretched PTFE Film for Vanadium Flow Batteries. <i>ChemPlusChem</i> , 2020, 85, 2580-2585.	2.8	6
7	Pretreatment of Celgard Matrices with Peroxycarbonic Acid for Subsequent Deposition of a Polydopamine Layer. <i>Colloid Journal</i> , 2018, 80, 761-770.	1.3	5
8	Structure and flow behavior of dilute dispersions of carbon nanotubes in polyacrylonitrile–dimethylsulfoxide solution. <i>Colloid and Polymer Science</i> , 2016, 294, 1187-1195.	2.1	3
9	Sol-gel-modified membranes for all-organic battery based on bis-(tert-butylphenyl)nitroxide. <i>Colloid and Polymer Science</i> , 2019, 297, 317-323.	2.1	3
10	Polyacrylonitrile-Based Membranes for Aqueous Redox-Flow Batteries. <i>ECS Transactions</i> , 2017, 77, 163-171.	0.5	1
11	Identification of Overpotentials in Vanadium Redox Flow Battery with Reference Electrodes and Determination of Apparent Electrochemical Rate Constants. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 2033-2033.	0.0	0
12	(Invited) Composite Lithium-Conductive Latp+Pvdf Membranes: Development, Optimization, and Applicability for Li-Hybrid Redox Flow Batteries. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 1994-1994.	0.0	0