Aleksandr Ivanishchev

List of Publications by Year
in descending order

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32	883	430442	454577
papers	citations	18	30
		h-index	g-index

32	32	32	843
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Capacity Fading in Li2FeSiO4 Cathode Material: Intrinsic or Extrinsic. Journal of Electronic Materials, 2021, 50, 1059-1066.	1.0	2
2	Electroactive Composites Based on Lithium Intercalation Compounds and Highly Conductive Materials: Methods of Synthesis and Electrochemical Characteristics. Russian Journal of Electrochemistry, 2021, 57, 706-720.	0.3	1
3	Electrospun Separation Material for Lithium-Ion Batteries: Synthesis and Study of Physical and Electrochemical Properties. Energies, 2020, 13, 18.	1.6	9
4	Structural and electrochemical investigation of lithium ions insertion processes in polyanionic compounds of lithium and transition metals. Journal of Electroanalytical Chemistry, 2020, 860, 113894.	1.9	26
5	Ion Transport in Lithium Electrochemical Systems: Problems and Solutions. Russian Journal of Electrochemistry, 2020, 56, 907-928.	0.3	24
6	Long-Term Cycling Behavior of Electrospun Separators for Lithium-Ion Batteries: A Comparison with Conventional Separators. Energies, 2020, 13, 2183.	1.6	3
7	LiFePO4-Based Composite Electrode Material: Synthetic Approaches, Peculiarities of the Structure, and Regularities of Ionic Transport Processes. Russian Journal of Electrochemistry, 2019, 55, 719-737.	0.3	22
8	Positive effect of surface modification with titanium carbosilicide on performance of lithium-transition metal phosphate cathode materials. Monatshefte FÃ¼r Chemie, 2019, 150, 489-498.	0.9	27
9	Rechargeable lithium-ion system based on lithium-vanadium(III) phosphate and lithium titanate and the peculiarity of it functioning. Monatshefte FÃ¼r Chemie, 2019, 150, 499-509.	0.9	6
10	Study of structural and electrochemical characteristics of LiNi 0.33 Mn 0.33 Co 0.33 O 2 electrode at lithium content variation. Journal of Electroanalytical Chemistry, 2018, 821, 140-151.	1.9	47
11	Structural and electrochemical study of fast Li diffusion in Li3V2(PO4)3-based electrode material. Electrochimica Acta, 2017, 230, 479-491.	2.6	77
12	The synthesis, structure, and electrochemical properties of Li2FeSiO4-based lithium-accumulating electrode material. Russian Journal of Electrochemistry, 2017, 53, 302-311.	0.3	2
13	Charge/discharge characteristics of Jahnâ€“Teller distorted nanostructured orthorhombic and monoclinic Li₂MnSiO₄cathode materials. RSC Advances, 2017, 7, 22990-22997.	1.7	18
14	Models of lithium transport as applied to determination of diffusion characteristics of intercalation electrodes. Russian Journal of Electrochemistry, 2017, 53, 706-712.	0.3	30
15	Modelling of electrochemically stimulated ionic transport in lithium intercalation compounds. Monatshefte FÃ¼r Chemie, 2017, 148, 481-487.	0.9	22
16	Electrochemical behavior of carbonic precursor with Na3V2(PO4)3nanostructured material in hybrid battery system. Ionics, 2017, 23, 3067-3071.	1.2	4
17	Lithium diffusion in Li3V2(PO4)3-based electrodes: a joint analysis of electrochemical impedance, cyclic voltammetry, pulse chronoamperometry, and chronopotentiometry data. Ionics, 2016, 22, 483-501.	1.2	82
18	Separate Determination of Borohydride, Borate, Hydroxide, and Carbonate in the Borohydride Fuel Cell by Acid-Base and Iodometric Potentiometric Titration. Journal of Fuels, 2014, 2014, 1-10.	0.2	1

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19	Diffusion aspects of lithium intercalation as applied to the development of electrode materials for lithium-ion batteries. Journal of Solid State Electrochemistry, 2014, 18, 1425-1441.	1.2	45
20	Lithium transport processes in electrodes on the basis of Li3V2(PO4)3 by constant current chronopotentiometry, cyclic voltammetry and pulse chronoamperometry. Electrochimica Acta, 2014, 122, 187-196.	2.6	44
21	Thermodynamics of LiFePO₄ Solid-Phase Synthesis Using Iron(II) Oxalate and Ammonium Dihydrophosphate as Precursors. Journal of Chemical & Engineering Data, 2013, 58, 1747-1759.	1.0	14
22	Influence of temperature and alkalinity on the hydrolysis rate of borohydride ions in aqueous solution. International Journal of Hydrogen Energy, 2012, 37, 335-344.	3.8	26
23	Density Calculations for (Na, K)BH4+ (Na, K)BO2+ (Na, K)OH + H2O Solutions Used in Hydrogen Power Engineering. Journal of Chemical & Engineering Data, 2011, 56, 3984-3993.	1.0	17
24	Temperature-Induced Transformation of the Phase Diagrams of Ternary Systems NaBH₄+ NaOH + H₂O and KBH₄+ KOH + H₂O. Journal of Chemical & Engineering Data, 2011, 56, 2543-2552.	1.0	14
25	Determination of lithium diffusion coefficient in LiFePO4 electrode by galvanostatic and potentiostatic intermittent titration techniques. Electrochimica Acta, 2010, 55, 2939-2950.	2.6	151
26	Electrochemical properties of LiMn2â˜y Me y O4 (Me = Cr, Co, Ni) spinels as cathodic materials for lithium-ion batteries. Russian Journal of Electrochemistry, 2009, 45, 175-182.	0.3	19
27	Impedance spectroscopy of lithium-carbon electrodes. Russian Journal of Electrochemistry, 2008, 44, 510-524.	0.3	30
28	Kinetics of electrochemical lithium intercalation into thin tungsten (VI) oxide layers. Russian Journal of Electrochemistry, 2008, 44, 530-542.	0.3	41
29	Impedance spectroscopy of lithium-tin film electrodes. Russian Journal of Electrochemistry, 2008, 44, 550-557.	0.3	31
30	Electro and Photo-Induced Diffusion and Migration Processes in Nonstoichiometric Lithium Compounds. Russian Journal of Electrochemistry, 2005, 41, 908-909.	0.3	0
31	Electrochemical Intercalation of Lithium into Carbon: A Relaxation Study. Russian Journal of Electrochemistry, 2003, 39, 531-541.	0.3	7
32	Application of pulse methods to the determination of the electrochemical characteristics of lithium intercalates. Electrochimica Acta, 2003, 48, 3677-3691.	2.6	41