Aleksandr Ivanishchev

List of Publications by Year
in descending order

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Version: 2024-02-01

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	Determination of lithium diffusion coefficient in LiFePO4 electrode by galvanostatic and potentiostatic intermittent titration techniques. Electrochimica Acta, 2010, 55, 2939-2950.	2.6	151
2	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
3	Structural and electrochemical study of fast Li diffusion in Li3V2(PO4)3-based electrode material. Electrochimica Acta, 2017, 230, 479-491.	2.6	77
4	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
5	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
6	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
7	Application of pulse methods to the determination of the electrochemical characteristics of lithium intercalates. Electrochimica Acta, 2003, 48, 3677-3691.	2.6	41
8	Kinetics of electrochemical lithium intercalation into thin tungsten (VI) oxide layers. Russian Journal of Electrochemistry, 2008, 44, 530-542.	0.3	41
9	Impedance spectroscopy of lithium-tin film electrodes. Russian Journal of Electrochemistry, 2008, 44, 550-557.	0.3	31
10	Impedance spectroscopy of lithium-carbon electrodes. Russian Journal of Electrochemistry, 2008, 44, 510-524.	0.3	30
11	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
12	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
13	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
14	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
15	Ion Transport in Lithium Electrochemical Systems: Problems and Solutions. Russian Journal of Electrochemistry, 2020, 56, 907-928.	0.3	24
16	Modelling of electrochemically stimulated ionic transport in lithium intercalation compounds. Monatshefte FÃ¼r Chemie, 2017, 148, 481-487.	0.9	22
17	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
18	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

#	Article	IF	Citations
19	Charge/discharge characteristics of Jahnâ€“Teller distorted nanostructured orthorhombic and monoclinic Li₂MnSiO₄cathode materials. RSC Advances, 2017, 7, 22990-22997.	1.7	18
20	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
21	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
22	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
23	Electrospun Separation Material for Lithium-Ion Batteries: Synthesis and Study of Physical and Electrochemical Properties. Energies, 2020, 13, 18.	1.6	9
24	Electrochemical Intercalation of Lithium into Carbon: A Relaxation Study. Russian Journal of Electrochemistry, 2003, 39, 531-541.	0.3	7
25	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
26	Electrochemical behavior of carbonic precursor with Na3V2(PO4)3nanostructured material in hybrid battery system. Ionics, 2017, 23, 3067-3071.	1.2	4
27	Long-Term Cycling Behavior of Electrospun Separators for Lithium-Ion Batteries: A Comparison with Conventional Separators. Energies, 2020, 13, 2183.	1.6	3
28	The synthesis, structure, and electrochemical properties of Li2FeSiO4-based lithium-accumulating electrode material. Russian Journal of Electrochemistry, 2017, 53, 302-311.	0.3	2
29	Capacity Fading in Li2FeSiO4 Cathode Material: Intrinsic or Extrinsic. Journal of Electronic Materials, 2021, 50, 1059-1066.	1.0	2
30	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
31	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
32	Electro and Photo-Induced Diffusion and Migration Processes in Nonstoichiometric Lithium Compounds. Russian Journal of Electrochemistry, 2005, 41, 908-909.	0.3	0