

Maria Shchelkanova

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

63
citations

1684188

5
h-index

1720034

7
g-index

14
all docs

14
docs citations

14
times ranked

37
citing authors

#	ARTICLE	IF	CITATIONS
1	The study of lithium vanadium oxide LiV_3O_8 as an electrode material for all-solid-state lithium-ion batteries with solid electrolyte $\text{Li}_3.4\text{Si}_0.4\text{P}_0.6\text{O}_4$. <i>Electrochimica Acta</i> , 2019, 320, 134570.	5.2	11
2	Electrochemical properties of $\text{Li}_8\hat{\sim}2\text{xMxZrO}_6$ (M = Mg, Sr) solid electrolytes. <i>Solid State Ionics</i> , 2016, 290, 12-17.	2.7	8
3	Investigation of ion transport in Li_8ZrO_6 and $\text{Li}_6\text{Zr}_2\text{O}_7$ solid electrolytes. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2010, 74, 653-655.	0.6	7
4	Ionic conductivity of $\text{Li}_8\hat{\sim}2\text{xSr x ZrO}_6$. <i>Inorganic Materials</i> , 2012, 48, 382-385.	0.8	7
5	The study of sodium-vanadium oxide NaV_3O_8 as an electrode material for all-solid-state sodium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2021, 864, 158516.	5.5	7
6	Ionic conduction of $\text{Li}_8\hat{\sim}2\text{xMg x ZrO}_6$ solid solutions. <i>Russian Journal of Electrochemistry</i> , 2010, 46, 780-783.	0.9	6
7	Synthesis and electrochemical properties of $\text{Li}_8\hat{\sim}\text{xZr}_1\hat{\sim}\text{xNb x O}_6$ solid solutions. <i>Physics of the Solid State</i> , 2013, 55, 707-709.	0.6	6
8	Electrochemical properties of solid solutions in the $\text{Li}_8\text{Zr}_1\hat{\sim}\text{xCe x O}_6$ system. <i>Russian Journal of Electrochemistry</i> , 2013, 49, 144-148.	0.9	4
9	Lithium ion conductivity of solid solutions based on Li_8ZrO_6 . <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 2959-2964.	2.5	3
10	Physicochemical Properties of $\text{Li}_6\text{V}_5\text{O}_{15}$ as the Cathode Material for Lithium-Ion Batteries. <i>Russian Journal of Electrochemistry</i> , 2018, 54, 702-708.	0.9	2
11	Kinetic stability of $\text{Li}_8\hat{\sim}2\text{xM x ZrO}_6$ (M = Mg, Sr) and $\text{Li}_8\hat{\sim}\text{xZr}_1\hat{\sim}\text{xV x O}_6$ solid electrolytes in molten metallic lithium. <i>Russian Metallurgy (Metally)</i> , 2015, 2015, 147-152.	0.5	1
12	On Electrical Conductivity Measurement for Lithium-Vanadium Bronze. <i>Russian Journal of Applied Chemistry</i> , 2017, 90, 1766-1770.	0.5	1
13	Use of Vanadium-Containing Slime for Preparing Cathodes for Lithium-Ion Current Sources. <i>Russian Journal of Applied Chemistry</i> , 2018, 91, 1799-1804.	0.5	0