

Raisa Apostolova

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

165
citations

6
h-index

11
g-index

46
ext. papers

175
ext. citations

1.1
avg, IF

2.31
L-index

#	Paper	IF	Citations
46	K,Na Vanadium Oxide Compounds for Lithium-Ion Batteries: Synthesis and Electrochemical Performance in a Redox Reaction with Lithium. <i>Surface Engineering and Applied Electrochemistry</i> , 2021 , 57, 644-650	0.8	0
45	V2O5 Electrosynthesized in Metavanadate Solutions: The Physicochemical and Structural Properties and Specifics of Its Electrochemical Transformation in Redox Reactions with Lithium. <i>Surface Engineering and Applied Electrochemistry</i> , 2020 , 56, 216-221	0.8	1
44	LiMn2O4/Norit at a Low Temperature in Comparison with LiMn2O4/MWCNT and LiMn2O4/Graphite in the Prototype Li-Battery. <i>Surface Engineering and Applied Electrochemistry</i> , 2020 , 56, 533-540	0.8	
43	Thin-Layer Electrochemically Produced SiO2/Ni Composites in a Prototyping Lithium-Ion Battery. <i>Surface Engineering and Applied Electrochemistry</i> , 2018 , 54, 420-426	0.8	1
42	Electrochemical Properties of Electrodes Based on Fe3O4, Mn2O3 in Non-Aqueous Electrolytes with Magnesium or Lithium Perchlorate. <i>ECS Transactions</i> , 2018 , 87, 133-144	1	1
41	Features of electrochemical transformation of LiMn2O4 composition with Norit carbon filler in a model lithium accumulator. <i>Surface Engineering and Applied Electrochemistry</i> , 2015 , 51, 296-303	0.8	3
40	Enhancing the efficiency of using electroplated iron and cobalt sulfides with a sublayer of NiCo composite in a lithium battery. <i>Russian Journal of Applied Chemistry</i> , 2015 , 88, 1637-1642	0.8	5
39	Electrolytic Co, Ni-bimetal sulfide composites with hydrophilized multi-wall carbon nanotubes in a prototype lithium accumulator. <i>Surface Engineering and Applied Electrochemistry</i> , 2014 , 50, 18-27	0.8	3
38	Investigation of FeMnO2 in composite electrodes with carbon nanotubes in a redox reaction with lithium in a model accumulator. <i>Surface Engineering and Applied Electrochemistry</i> , 2014 , 50, 125-134	0.8	1
37	Conversion of LiMn2Co x O4 spinel on the basis of electrolytically Co-deposited Mn,Co-oxide precursors in a lithium battery. <i>Russian Journal of Applied Chemistry</i> , 2014 , 87, 1260-1267	0.8	1
36	Electrolytic synthesis of FeS2 for thin-layer lithium battery. <i>Russian Journal of Applied Chemistry</i> , 2014 , 87, 930-936	0.8	
35	Analysis of degradation of electrolytic Fe, Co, Ni sulfides and their graphitized analogs in lithium battery using impedance spectroscopy. <i>Russian Journal of Electrochemistry</i> , 2013 , 49, 665-675	1.2	1
34	Conversion efficiency of FeMnO2 in composites with natural graphite and carbon nanotubes in a prototype lithium battery. <i>Russian Journal of Applied Chemistry</i> , 2013 , 86, 1847-1853	0.8	1
33	Electrolytic binary metal-oxide compounds: Fundamental peculiarities of their structure and formation. <i>Surface Engineering and Applied Electrochemistry</i> , 2013 , 49, 368-372	0.8	
32	Thin-layer electrolytic nickel hydroxide Ni(OH)2 in an electrochemical capacitor. <i>Surface Engineering and Applied Electrochemistry</i> , 2012 , 48, 170-174	0.8	2
31	Electrolytic nickel sulfide in a model electrochemical capacitor. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 612-615	0.8	9
30	Electrolytic composites of iron sulfides with graphite in a prototype lithium battery. <i>Russian Journal of Applied Chemistry</i> , 2011 , 84, 607-614	0.8	3

29	Optimization of iron sulfides usage in electrolytic composites with graphites for lithium-ion batteries. <i>Surface Engineering and Applied Electrochemistry</i> , 2011 , 47, 465-470	0.8	4
28	Electrolytic binary Co and Ni sulfides in electrodes of lithium and lithium-ion low temperature batteries. <i>Russian Journal of Electrochemistry</i> , 2010 , 46, 100-106	1.2	5
27	Electrolytic iron sulfides for thin-layer lithium-ion batteries. <i>Russian Journal of Applied Chemistry</i> , 2009 , 82, 1939-1943	0.8	10
26	Study of electrolytic cobalt sulfide Co ₉ S ₈ as an electrode material in lithium accumulator prototypes. <i>Russian Journal of Electrochemistry</i> , 2009 , 45, 311-319	1.2	53
25	Lithium intercalation with phase transitions in model systems of electrode materials for lithium power sources. <i>Russian Journal of Electrochemistry</i> , 2009 , 45, 554-557	1.2	
24	Electrolytic iron sulfides in prototype lithium batteries with gel electrolytes based on poly(vinylidene fluoride) and its derivatives. <i>Russian Journal of Applied Chemistry</i> , 2008 , 81, 978-982	0.8	
23	Effect of the alloying component MnO ₂ on the type of V ₂ O ₅ electrocrystallization. <i>Russian Journal of Applied Chemistry</i> , 2008 , 81, 1193-1197	0.8	
22	Anodic processes occurring upon V ₂ O ₅ electrodeposition. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 71-73	0.8	1
21	Surface morphology of electrolytic deposits of vanadium, cobalt, and manganese oxides. <i>Russian Journal of Applied Chemistry</i> , 2006 , 79, 1443-1446	0.8	3
20	Electrolytic Co ₃ O ₄ for thin-layer anodes of lithium-ion batteries. <i>Russian Journal of Electrochemistry</i> , 2006 , 42, 173-182	1.2	1
19	Electrodeposition of molybdenum oxide and its structural characteristics. <i>Russian Journal of Applied Chemistry</i> , 2006 , 79, 1438-1442	0.8	12
18	Thin-Layer Electrolytic Molybdenum Oxydisulfides for Cathodes of Lithium Batteries. <i>Russian Journal of Electrochemistry</i> , 2005 , 41, 1305-1315	1.2	4
17	Electrolytic Deposition of Molybdenum Oxide from Aqueous Solutions at Room Temperature. <i>Russian Journal of Applied Chemistry</i> , 2004 , 77, 71-73	0.8	2
16	Electrolytic Nickel Oxides in the Electrodes of Lithium Secondary Batteries. <i>Russian Journal of Electrochemistry</i> , 2004 , 40, 36-43	1.2	6
15	Electrolytic Iron Sulfide Products in Lithium Batteries. <i>Russian Journal of Electrochemistry</i> , 2004 , 40, 736-742	1.2	2
14	Joint electrolytic deposition of vanadium(V) and chromium(III) oxides from aqueous sulfate solutions. <i>Russian Journal of Applied Chemistry</i> , 2004 , 77, 1777-1780	0.8	
13	Electrolytic Synthesis of Complex Oxide Systems by Cathodic Deposition of Molybdenum Oxide from Aqueous Solutions in the Presence of Nickel(II) and Thiosulfate Ions. <i>Russian Journal of Applied Chemistry</i> , 2003 , 76, 1438-1443	0.8	1
12	Chronovoltammetry of electrolytic molybdenum oxides at the electrochemical intercalation/deintercalation of lithium ions. <i>Journal of Solid State Electrochemistry</i> , 2003 , 8, 20-22	2.6	4

11	Titanium Dioxide Synthesized by Emulsion Method as a Material for Lithium Current Sources. <i>Russian Journal of Applied Chemistry</i> , 2002 , 75, 417-421	0.8	2
10	Electrolytic Synthesis of Binary Oxide Systems Based on Manganese(II) Oxide. <i>Russian Journal of Applied Chemistry</i> , 2002 , 75, 213-218	0.8	2
9	Electrochemical Intercalation of Lithium Ions into Electrolytic Vanadium Pentoxide. <i>Russian Journal of Electrochemistry</i> , 2002 , 38, 788-790	1.2	1
8	Joint Electrolytic Deposition of Vanadium and Manganese Oxides. <i>Russian Journal of Applied Chemistry</i> , 2002 , 75, 552-557	0.8	1
7	Electrolytic Deposition of Cobalt(III) Oxide in the Presence of Nickel(II) and Chromium(III) Ions. <i>Russian Journal of Applied Chemistry</i> , 2002 , 75, 905-910	0.8	
6	Anodic Deposition of Vanadium(V) Oxide from Solutions in the Presence of Nickel Ions. <i>Russian Journal of Applied Chemistry</i> , 2002 , 75, 1968-1971	0.8	
5	Study of lithium insertion into electrochemically synthesized sodium-vanadium oxide. <i>Journal of Power Sources</i> , 2001 , 97-98, 486-490	8.9	8
4	Synthesis and Examination of Electrolytic Sodium-vanadium Oxide Compounds Intended for Cathodes of Lithium Batteries: The Mechanism of Formation of Electrolytic Bronze $\text{Na}_x\text{V}_2\text{O}_5$. <i>Russian Journal of Electrochemistry</i> , 2001 , 37, 1041-1049	1.2	6
3	Electrolytic Preparation of Vanadium(V) Oxide from Saturated Solutions of Ammonium Metavanadate. <i>Russian Journal of Applied Chemistry</i> , 2001 , 74, 1474-1478	0.8	1
2	Electrolytic Preparation of Vanadium(V) Oxide from Oxovanadium(IV) Sulfate Solutions in the Presence of Sodium Ions. <i>Russian Journal of Applied Chemistry</i> , 2001 , 74, 1470-1473	0.8	
1	Synthesis and investigation of electrolytic sodium-vanadium oxide compounds for cathodes of lithium batteries: The production of compounds with stable initial characteristics. <i>Russian Journal of Electrochemistry</i> , 2000 , 36, 36-42	1.2	4