

Raisa Apostolova

List of Publications by Citations

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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 | 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 |
| 45 | Electrodeposition of molybdenum oxide and its structural characteristics. <i>Russian Journal of Applied Chemistry</i> , 2006 , 79, 1438-1442 | 0.8 | 12 |
| 44 | Electrolytic iron sulfides for thin-layer lithium-ion batteries. <i>Russian Journal of Applied Chemistry</i> , 2009 , 82, 1939-1943 | 0.8 | 10 |
| 43 | Electrolytic nickel sulfide in a model electrochemical capacitor. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 612-615 | 0.8 | 9 |
| 42 | Study of lithium insertion into electrochemically synthesized sodium-vanadium oxide. <i>Journal of Power Sources</i> , 2001 , 97-98, 486-490 | 8.9 | 8 |
| 41 | Electrolytic Nickel Oxides in the Electrodes of Lithium Secondary Batteries. <i>Russian Journal of Electrochemistry</i> , 2004 , 40, 36-43 | 1.2 | 6 |
| 40 | Synthesis and Examination of Electrolytic Sodium-vanadium Oxide Compounds Intended for Cathodes of Lithium Batteries: The Mechanism of Formation of Electrolytic Bronze Na _x V ₂ O ₅ . <i>Russian Journal of Electrochemistry</i> , 2001 , 37, 1041-1049 | 1.2 | 6 |
| 39 | Enhancing the efficiency of using electroplated iron and cobalt sulfides with a sublayer of NiC composite in a lithium battery. <i>Russian Journal of Applied Chemistry</i> , 2015 , 88, 1637-1642 | 0.8 | 5 |
| 38 | 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 |
| 37 | 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 |
| 36 | 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 |
| 35 | Thin-Layer Electrolytic Molybdenum Oxydisulfides for Cathodes of Lithium Batteries. <i>Russian Journal of Electrochemistry</i> , 2005 , 41, 1305-1315 | 1.2 | 4 |
| 34 | 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 |
| 33 | Features of electrochemical transformation of LiMn ₂ O ₄ composition with Norit carbon filler in a model lithium accumulator. <i>Surface Engineering and Applied Electrochemistry</i> , 2015 , 51, 296-303 | 0.8 | 3 |
| 32 | 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 |
| 31 | 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 |
| 30 | 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 |

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| 29 | 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 |
| 28 | 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 |
| 27 | Electrolytic Iron Sulfide Products in Lithium Batteries. <i>Russian Journal of Electrochemistry</i> , 2004 , 40, 736-742 | 1.2 | 2 |
| 26 | 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 |
| 25 | 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 |
| 24 | V ₂ O ₅ 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 |
| 23 | Investigation of γ -MnO ₂ 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 |
| 22 | 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 |
| 21 | Conversion efficiency of γ -MnO ₂ 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 |
| 20 | Conversion of LiMn ₂ Co _x O ₄ 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 |
| 19 | Anodic processes occurring upon V ₂ O ₅ electrodeposition. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 71-73 | 0.8 | 1 |
| 18 | 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 |
| 17 | Electrochemical Intercalation of Lithium Ions into Electrolytic Vanadium Pentoxide. <i>Russian Journal of Electrochemistry</i> , 2002 , 38, 788-790 | 1.2 | 1 |
| 16 | Joint Electrolytic Deposition of Vanadium and Manganese Oxides. <i>Russian Journal of Applied Chemistry</i> , 2002 , 75, 552-557 | 0.8 | 1 |
| 15 | 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 |
| 14 | 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 |
| 13 | Thin-Layer Electrochemically Produced SiO ₂ /Ni Composites in a Prototyping Lithium-Ion Battery. <i>Surface Engineering and Applied Electrochemistry</i> , 2018 , 54, 420-426 | 0.8 | 1 |
| 12 | Electrochemical Properties of Electrodes Based on β -3O ₄ , Mn ₂ O ₃ in Non-Aqueous Electrolytes with Magnesium or Lithium Perchlorate. <i>ECS Transactions</i> , 2018 , 87, 133-144 | 1 | 1 |

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| 11 | K,NaVanadium 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 |
| 10 | 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 | |
| 9 | Electrolytic synthesis of FeS ₂ for thin-layer lithium battery. <i>Russian Journal of Applied Chemistry</i> , 2014 , 87, 930-936 | 0.8 | |
| 8 | 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 | |
| 7 | 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 | |
| 6 | 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 | |
| 5 | 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 | |
| 4 | 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 | |
| 3 | 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 | |
| 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 | LiMn ₂ O ₄ Norit at a Low Temperature in Comparison with LiMn ₂ O ₄ MWNT and LiMn ₂ O ₄ UZE Graphite in the Prototype Li-Battery. <i>Surface Engineering and Applied Electrochemistry</i> , 2020 , 56, 533-540 | 0.8 | |