# Vladimir Kolosnitsyn

## List of Publications by Year in Descending Order



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| 49 papers | 624 citations | 10 h-index | 24 g-index |
| 52 ext. papers | 677 ext. citations | 1.4 avg, IF | 3.92 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 49 | Studying the Composition of Solvate Complexes of Lithium Perchlorate with Sulfolane via Vacuum Gravimetry. *Russian Journal of Physical Chemistry A*, **2022**, 96, 93-98 | 0.7 | |
| 48 | Molecular Dynamics Studies of the Physicochemical Properties and Structure of the 1 M LiClO4 Solution in Sulfolane. *Russian Journal of Physical Chemistry A*, **2022**, 96, 115-124 | 0.7 | 1 |
| 47 | The Effect of Lithium Bis(oxalato)borate on the Galvanostatic Charge–Discharge Cycling of Lithium Electrode in Sulfolane Solutions of Lithium Perchlorate. *Russian Journal of Electrochemistry*, **2022**, 58, 210-215 | 1.2 | 0 |
| 46 | Molecular Dynamics Simulation of the Concentration Effect on the Structure and Physicochemical Properties of Lithium Perchlorate Solutions in Sulfolane. *Russian Journal of Physical Chemistry A*, **2022**, 96, 993-1003 | 0.7 | |
| 45 | SIMULATION OF DISCHARGE VOLTAGE PROFILES OF LITHIUM-SULFUR BATTERIES USING FEED FORWARD NEURAL NETWORKS **2021**, 659 | 0.1 | |
| 44 | About the Possibility of Simulation the Discharge Characteristics of Lithium–Sulfur Batteries Using Fuzzi Neural Networks. *Russian Journal of Electrochemistry*, **2021**, 57, 306-309 | 1.2 | |
| 43 | Evaluation of Electrochemical Stability of Substituted Sulfolanes Based on Bond Orders. *Russian Journal of Physical Chemistry A*, **2021**, 95, 730-735 | 0.7 | 0 |
| 42 | Physical and Chemical Properties of Sodium Perchlorate Solutions in Sulfolane. *Russian Journal of Physical Chemistry A*, **2021**, 95, 983-989 | 0.7 | 1 |
| 41 | A Hardware and Software Complex for Studying the Charge and Discharge Characteristics of Secondary Chemical Current Sources. *Instruments and Experimental Techniques*, **2021**, 64, 623-629 | 0.5 | |
| 40 | Physico-Chemical and Electrochemical Properties of Lithium Bis(Oxalate)Borate Solutions in Sulfolane. *Russian Journal of Electrochemistry*, **2021**, 57, 1138-1150 | 1.2 | 1 |
| 39 | On the Factors Affecting Aging and Self-Discharge of Lithium–Sulfur Cells. Effect of Positive Electrode Composition. *Energy Technology*, **2019**, 7, 1900134 | 3.5 | 4 |
| 38 | On the Possibility of Determination of Thermodynamic Functions of the Li–S Electrochemical System Using the EMF Method. *Russian Journal of Electrochemistry*, **2019**, 55, 978-988 | 1.2 | 2 |
| 37 | Thermochemical and Electrochemical Stability of Electrolyte Systems based on Sulfolane. *Russian Journal of Applied Chemistry*, **2018**, 91, 1427-1433 | 0.8 | 6 |
| 36 | Electrochemical heat flow calorimeter. *Russian Journal of Electrochemistry*, **2016**, 52, 449-455 | 1.2 | 3 |
| 35 | Reasons for the effect of the amount of electrolyte on the performance of lithium–sulfur cells. *Russian Journal of Electrochemistry*, **2016**, 52, 273-282 | 1.2 | 10 |
| 34 | On the reasons for low sulphur utilization in the lithium–sulphur batteries. *Journal of Power Sources* , **2015**, 274, 203-210 | 8.9 | 44 |
| 33 | Determination of lithium sulphur batteries internal resistance by the pulsed method during galvanostatic cycling. *Journal of Power Sources*, **2014**, 252, 28-34 | 8.9 | 34 |

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| 32 | Reaction of nitroalkanes with levoglucosenone and its β-bromo and β-iodo derivatives. Cyclopentaannulation of β-halocyclenones. *Russian Journal of Organic Chemistry*, **2011**, 47, 914-919 | 0.7 | 2 |
| 31 | Impedance spectroscopy studies of changes in the properties of lithium-sulfur cells in the course of cycling. *Russian Journal of Electrochemistry*, **2011**, 47, 793-798 | 1.2 | 38 |
| 30 | A study of the electrochemical processes in lithium–sulphur cells by impedance spectroscopy. *Journal of Power Sources*, **2011**, 196, 1478-1482 | 8.9 | 170 |
| 29 | Influence of Lithium Salts on Physicochemical Properties of Lithium Polysulphide Solutions in Sulfolane. *ECS Transactions*, **2009**, 19, 25-30 | 1 | 10 |
| 28 | The Change of the Lithium-Sulfur Cell Components Properties by its Cycling. *ECS Transactions*, **2009** , 16, 173-180 | 1 | 2 |
| 27 | Electrochemistry of a lithium electrode in lithium polysulfide solutions. *Russian Journal of Electrochemistry*, **2008**, 44, 564-569 | 1.2 | 19 |
| 26 | Lithium-sulfur batteries: Problems and solutions. *Russian Journal of Electrochemistry*, **2008**, 44, 506-509 | 1.2 | 182 |
| 25 | Physicochemical and electrochemical properties of sulfolane solutions of lithium salts. *Russian Journal of Electrochemistry*, **2008**, 44, 575-578 | 1.2 | 24 |
| 24 | Recovery of nickel with sulfuric acid solutions from spent catalysts for steam conversion of methane. *Russian Journal of Applied Chemistry*, **2006**, 79, 539-543 | 0.8 | 3 |
| 23 | Lithium-Conducting Polymer Electrolytes for Chemical Power Sources. *Russian Journal of Applied Chemistry*, **2005**, 78, 1-18 | 0.8 | 13 |
| 22 | Effect of Ca2+, Mg2+, Fe3+, and Al3+ Ions on the Deposition of Electrolytic Manganese Dioxide from Chloride Solutions. *Russian Journal of Applied Chemistry*, **2005**, 78, 737-740 | 0.8 | 1 |
| 21 | Possibility of Depositing Electrolytic Manganese Dioxide onto Titanium Anodes from Manganese Chloride Solutions. *Russian Journal of Applied Chemistry*, **2005**, 78, 891-896 | 0.8 | 3 |
| 20 | Cathodic Deposition of Copper from Dilute Solutions. *Russian Journal of Applied Chemistry*, **2004**, 77, 57-61 | 0.8 | |
| 19 | Cathodic Deposition of Zinc from Dilute Solutions onto a Rotating Disc Electrode. *Russian Journal of Applied Chemistry*, **2004**, 77, 222-225 | 0.8 | 1 |
| 18 | Cycling a Sulfur Electrode: Effect of Physicochemical Properties of Electrolyte Systems. *Russian Journal of Electrochemistry*, **2003**, 39, 1089-1093 | 1.2 | 6 |
| 17 | Swellability of ASMOL Protective Coating in Water and Aqueous Salt Solutions. *Russian Journal of Applied Chemistry*, **2003**, 76, 1002-1005 | 0.8 | |
| 16 | Potentiometric Method for Evaluation of Protective Properties of Polymeric Coatings. *Russian Journal of Applied Chemistry*, **2003**, 76, 936-938 | 0.8 | |
| 15 | Cycling Lithium–Sulfur Batteries. *Russian Journal of Electrochemistry*, **2002**, 38, 329-331 | 1.2 | 9 |

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| 14 | Anodic Dissolution of Molybdenum and Tungsten in a Solution of Sodium Sulfate. *Russian Journal of Applied Chemistry*, **2002**, 75, 662-664 | 0.8 | 2 |
| 13 | Cycling a Sulfur Electrode in Mixed Electrolytes Based on Sulfolane: Effect of Ethers. *Russian Journal of Electrochemistry*, **2002**, 38, 1314-1318 | 1.2 | 14 |
| 12 | Cycling a Sulfur Electrode in Electrolytes Based on Sulfolane and Linear Ethers (Glymes) in an LiCF3SO3 Solution. *Russian Journal of Electrochemistry*, **2002**, 38, 1360-1363 | 1.2 | 5 |
| 11 | Electroconductivity of Lithium Perchlorate Solutions in Sulfolane Mixtures with 1,2-Dimethoxyethane. *Russian Journal of Electrochemistry*, **2001**, 37, 632-634 | 1.2 | |
| 10 | Electroconduction of Lithium Perchlorate Solutions in Sulfones. *Russian Journal of Electrochemistry*, **2001**, 37, 599-604 | 1.2 | 2 |
| 9 | Physicochemical Properties of Lithium Perchlorate Solutions in Mixtures of Sulfolane with 1,3-Dioxolane. *Russian Journal of Applied Chemistry*, **2001**, 74, 576-579 | 0.8 | 3 |
| 8 | Terbium Nitrate Luminescence Quenching by Eosin in the Presence of Lithium Perchlorate in Sulfolane Solutions. *High Energy Chemistry*, **2000**, 34, 380-383 | 0.9 | |
| 7 | Electroreduction of CuO-V2O5 in sulfolane containing lithium perchlorate. *Russian Journal of Electrochemistry*, **2000**, 36, 448-451 | 1.2 | |
| 6 | Effect of electrochemical processing of a Ebutyrolactone-based electrolyte on the cyclability of lithium electrodes. *Russian Journal of Electrochemistry*, **2000**, 36, 789-791 | 1.2 | |
| 5 | A pulsed fourier spectrometer for impedance measurements of electrochemical systems. *Instruments and Experimental Techniques*, **2000**, 43, 53-56 | 0.5 | 6 |
| 4 | Radiothermoluminescence of 1-2-3 high-Tc superconducting ceramics. *Journal of Applied Spectroscopy*, **1991**, 55, 1156-1159 | 0.7 | |
| 3 | The polyelectrolyte complex of LiClO4 based on polypiperylene sulphone. Its preparation and properties. *Polymer Science USSR*, **1990**, 32, 1359-1363 | | |
| 2 | Formation of donor-acceptor complexes of bis(acetylacetonato)-nickel(II) with phosphine and phosphite ligands in acetonitrile. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 2412-2413 | | 1 |
| 1 | Preparation of complexes of sulfoxides of petroleum origin and tributyl phosphate with chlorides of rare-earth elements. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1977**, 26, 2581-2582 | | 1 |