

Gennadii Kolbasov

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papers

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219
ext. citations

2
avg, IF

2.69
L-index

#	Paper	IF	Citations
33	Electrochromism and reversible changes in the position of fundamental absorption edge in cathodically deposited amorphous WO ₃ . <i>Electrochimica Acta</i> , 2004 , 49, 2425-2433	6.7	47
32	Carbon nanofibers as hydrogen adsorbing materials for power sources. <i>Journal of Power Sources</i> , 2008 , 176, 320-324	8.9	18
31	Nitrogen doped iron titanate films: photoelectrochemical, electrocatalytic, photocatalytic and structural features. <i>Applied Surface Science</i> , 2019 , 473, 343-351	6.7	14
30	Optical and kinetic properties of cathodically deposited amorphous tungsten oxide films. <i>Journal of Non-Crystalline Solids</i> , 2006 , 352, 3995-4002	3.9	12
29	All solid-state battery based on ceramic oxide electrolytes with perovskite and NASICON structure. <i>Journal of Solid State Electrochemistry</i> , 2018 , 22, 2315-2320	2.6	11
28	Dynamics of redox processes and electrochromism of films of zirconium (IV) phthalocyanines with out-of-plane π -dicarbonyl ligands. <i>Solid State Ionics</i> , 2009 , 180, 928-933	3.3	10
27	Distribution of Ion Species and Formation of Ion Pairs in Concentrated Polysulfide Solutions in Photoelectrochemical Transducers. <i>Russian Journal of Applied Chemistry</i> , 2002 , 75, 229-234	0.8	9
26	Application of volumetric electric-spark dispersion for the fabrication of TiZrNi hydrogen storage alloys. <i>Journal of Power Sources</i> , 2005 , 150, 276-281	8.9	7
25	Kinetics of electrochromic process in thin films of cathodically deposited nickel hydroxide. <i>Journal of Solid State Electrochemistry</i> , 2013 , 17, 2643-2649	2.6	6
24	Atomic structure and hydrogen storage properties of amorphous/quasicrystalline ZrCuNiAl melt-spun ribbons. <i>Journal of Non-Crystalline Solids</i> , 2007 , 353, 3434-3438	3.9	6
23	Electrodes based on nanodispersed titanium and tungsten oxides for a sensor of dissolved oxygen. <i>Russian Journal of Applied Chemistry</i> , 2006 , 79, 596-601	0.8	6
22	Synthesis of reduced graphene oxide and its electrocatalytic properties. <i>Russian Journal of Applied Chemistry</i> , 2013 , 86, 858-862	0.8	5
21	Electrochemical method for the preparation nanocomposites based on carbon nanotubes and chromium oxides for oxygen electrodes. <i>Journal of Solid State Electrochemistry</i> , 2010 , 14, 2169-2172	2.6	5
20	Physical and Chemical Properties and Photocatalytic Activity of Nanostructured TiO ₂ /CdS Films. <i>Journal of Applied Spectroscopy</i> , 2014 , 81, 238-243	0.7	4
19	Electrocatalytic properties of multiwalled carbon nanotubes-based nanocomposites for oxygen electrodes. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 1536-1540	0.8	4
18	Recovery of tungsten and cobalt from secondary raw materials by a combined electrochemical and chemical procedure. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1660-1662	0.8	4
17	Gasochromic Ni(OH) ₂ films for the determination of CO and chlorine content. <i>Sensors and Actuators B: Chemical</i> , 2017 , 244, 717-726	8.5	3

16	Lithium-air cell with lanthanum-dithium titanate ceramic electrolyte. <i>Russian Journal of Electrochemistry</i> , 2015 , 51, 1162-1167	1.2	3
15	Photoelectrochemical properties of TiO ₂ films obtained by electrical explosion. <i>Theoretical and Experimental Chemistry</i> , 2012 , 48, 38-42	1.3	3
14	Kinetics of coloration of electrochromic tungsten oxide films produced by cathodic electrodeposition. <i>Russian Journal of Applied Chemistry</i> , 2006 , 79, 250-255	0.8	3
13	Synthesis of BXNYCZ powder coating under concentrate light. <i>Vacuum</i> , 2015 , 116, 73-76	3.7	2
12	Electrochemical deposition of electrochromic niobium oxide films from an acidic solution of niobium peroxy complexes. <i>Russian Journal of Applied Chemistry</i> , 2013 , 86, 644-647	0.8	2
11	Photoelectrochemical Currents at Gold Electrode at Negative Potentials. <i>Russian Journal of Electrochemistry</i> , 2002 , 38, 651-654	1.2	2
10	Optical Characteristics and Structure of Electrochromic Amorphous Tungsten Trioxide Films Electrodeposited from Aqueous Electrolytes. <i>Russian Journal of Applied Chemistry</i> , 2002 , 75, 223-228	0.8	1
9	ELECTROCHEMISTRY OF FUNCTIONAL MATERIALS AND SYSTEMS (EFMS). <i>Ukrainian Chemistry Journal</i> , 2021 , 87, 61-76	0.4	1
8	DETERMINATION OF CU(II) CONCENTRATION IN AQUEOUS MEDIUM USING INVERSION ELECTROCHEMICAL METHOD. <i>Ukrainian Chemical Journal</i> , 2019 , 85, 24-30	0.5	0
7	Nanocomposites based on chromium oxide and carbon nanotubes for oxygen electrodes of power cells. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1010-1014	0.8	
6	Spectroscopic, electrocatalytic, and photoelectrochemical characteristics of mixed-ligand bis(β-dicarbonylato) phthalocyanine complexes of zirconium(IV) and hafnium(IV). <i>Theoretical and Experimental Chemistry</i> , 2008 , 44, 139-143	1.3	
5	Air electrode of chemical power cell as oxygen sensor. <i>Russian Journal of Applied Chemistry</i> , 2004 , 77, 1649-1652	0.8	
4	Potentiometric and Spectrophotometric Determination of the Ionic Composition of Concentrated Sodium Polysulfides. <i>Russian Journal of Applied Chemistry</i> , 2003 , 76, 391-395	0.8	
3	DETERMINATION OF Cu(II) CONCENTRATION IN AQUEOUS MEDIUM USING INVERSION ELECTROCHEMICAL METHOD. <i>Ukrainian Chemical Journal</i> , 2019 , 85, 58-64	0.5	
2	OBTAINING PARTIALLY UNZIPPED CARBON NANOTUBES FOR OXYGEN ELECTRODES. <i>Ukrainian Chemical Journal</i> , 2019 , 85, 41-51	0.5	
1	SYNTHESIS, PHOTO- AND ELECTROCATALYTIC PROPERTIES OF NANOSTRUCTURED Ce ^{III} /TiO ₂ FILMS. <i>Ukrainian Chemical Journal</i> , 2019 , 85, 63-72	0.5	