

# Vitali A Grinberg

## List of Publications by Citations

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44  
papers

190  
citations

7  
h-index

11  
g-index

44  
ext. papers

215  
ext. citations

1.4  
avg, IF

2.38  
L-index

#	Paper	IF	Citations
44	Nanostructured catalysts for cathodes of oxygen-hydrogen fuel cells. <i>Russian Journal of Electrochemistry</i> , <b>2007</b> , 43, 75-84	1.2	18
43	Tolerant-to-methanol cathodic electrocatalysts based on organometallic clusters. <i>Russian Journal of Electrochemistry</i> , <b>2008</b> , 44, 187-197	1.2	14
42	Carbon nanotubes as a support for Pt- and Pt-Ru-catalysts of reactions proceeding in fuel cells. <i>Russian Journal of Electrochemistry</i> , <b>2008</b> , 44, 884-893	1.2	13
41	Nanostructured catalysts for direct electrooxidation of dimethyl ether based on Bi- and trimetallic PtRu and PtRuPd alloys prepared from coordination compounds. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2017</b> , 43, 206-212	1.6	11
40	Cyclometalated ruthenium complex as a promising sensitizer in dye-sensitized solar cells. <i>Russian Journal of Electrochemistry</i> , <b>2014</b> , 50, 503-509	1.2	11
39	Electrocatalytic biomass conversion into petrochemicals. Review. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2013</b> , 49, 32-39	0.9	10
38	CO oxidation at platinum-molybdenum electrodes. <i>Russian Journal of Electrochemistry</i> , <b>2008</b> , 44, 303-312	1.2	8
37	Photoelectrocatalytical Kolbe synthesis on thin film electrode of n-TiO <sub>2</sub> . <i>Russian Journal of Electrochemistry</i> , <b>2017</b> , 53, 217-222	1.2	7
36	CO and methanol oxidation at platinum-tin electrodes. <i>Russian Journal of Electrochemistry</i> , <b>2010</b> , 46, 26-33	1.2	7
35	Microfuel cells: Modern state and future development (Review). <i>Russian Journal of Electrochemistry</i> , <b>2010</b> , 46, 963-978	1.2	7
34	A cluster Pt-Sn-catalyst for the ethanol direct oxidation. <i>Russian Journal of Electrochemistry</i> , <b>2009</b> , 45, 1321-1326	1.2	6
33	Direct borohydride oxidation electrocatalysts based on Ni-Ru/C and Ni-Ru-F/C alloys. <i>Russian Journal of Electrochemistry</i> , <b>2010</b> , 46, 1289-1296	1.2	6
32	Development of methanol fuel cells with membrane materials based on new sulfonated polyheteroarylenes. <i>Russian Journal of Electrochemistry</i> , <b>2016</b> , 52, 525-532	1.2	6
31	The Photoelectrochemical Activity of Titanium Dioxide Nanosized Films in the Visible Spectral Region. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2018</b> , 54, 51-57	0.9	5
30	Synthesis, molecular structures, and properties of heterometallic cobalt tetramethylcyclobutadiene complexes (C <sub>4</sub> Me <sub>4</sub> )Co(CO) <sub>2</sub> TePh, (C <sub>4</sub> Me <sub>4</sub> )Co(CO) <sub>2</sub> TePh[W(CO) <sub>5</sub> ], and Me <sub>4</sub> C <sub>4</sub> Co(B-S) <sub>2</sub> Cr <sub>2</sub> Cp <sub>2</sub> (C <sub>5</sub> H <sub>9</sub> ). <i>Russian Chemical Bulletin</i> , <b>2007</b> , 56, 1731-1735	1.7	5
29	Development of hydrogen fuel cells with membranes based on sulfonated polyheteroarylenes. <i>Russian Journal of Electrochemistry</i> , <b>2017</b> , 53, 86-91	1.2	4
28	Anodic trifluoromethylation of 10-undecylenic acid. <i>Russian Journal of Electrochemistry</i> , <b>2013</b> , 49, 996-1000	1.2	4

27	Nanoscale catalysts based on platinum-ruthenium and platinum-ruthenium-tin alloys: Synthesis from appropriate metal complexes and the use in direct methanol electrooxidation. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2015</b> , 41, 817-822	1.6	4
26	Coordination compounds as the precursors for preparation of nanosized platinum or platinum-containing mixed-metal catalysts of oxygen reduction reaction. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2015</b> , 41, 751-758	1.6	4
25	Nanoscale Catalysts of Oxygen Reduction Based on Bimetallic Clusters in Hydrogen-Air Fuel Cell Operating Conditions. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2019</b> , 55, 277-282	0.9	3
24	Photoelectrocatalytic Oxidation of Formic Acid in the Visible Spectral Region on Films of Nanocrystalline Titanium Oxide Doped by Bismuth. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2019</b> , 55, 637-645	0.9	3
23	Photoelectrochemical Activity of Nanosized Titania, Doped with Bismuth and Lead, in Visible Light Region. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2019</b> , 55, 55-64	0.9	3
22	Cyclodextrin and some its derivatives inclusion compounds with [ibuprofen] remedy substrate. <i>Russian Journal of General Chemistry</i> , <b>2009</b> , 79, 1167-1170	0.7	3
21	Electrochemical fluorosulfation of organofluorine compounds. <i>Russian Journal of Electrochemistry</i> , <b>2010</b> , 46, 843-870	1.2	3
20	Nanostructured cathodic catalysts for direct methanol fuel cells. <i>Russian Journal of Electrochemistry</i> , <b>2007</b> , 43, 70-74	1.2	3
19	Nanostructured Platinum-Free Catalysts of Oxygen Reduction based on Metal Chalcogenide Cobalt Clusters. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2018</b> , 44, 589-595	1.6	3
18	Electrochemical oxidation of perfluorovaleric and perfluoro-2-propoxypropionic acids on different electrodes in the presence of unsaturated acceptors. <i>Russian Journal of Electrochemistry</i> , <b>2013</b> , 49, 181-187	1.2	2
17	Iron complex redox system as a mediator for a dye-sensitized solar cell. <i>Russian Journal of Inorganic Chemistry</i> , <b>2013</b> , 58, 62-66	1.5	2
16	Synthesis and molecular structures of cyclopentadienyl sulfide complexes of chromium with cymantrenyl-thiolate bridging ligands. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2013</b> , 39, 305-311	1.6	2
15	Anodic fluorination of azobenzene. <i>Russian Journal of Electrochemistry</i> , <b>2009</b> , 45, 1306-1309	1.2	2
14	Nanoscale catalyst based on a heterometallic carboxylate complex of platinum and iron for hydrogen-air fuel cells. <i>Materials Chemistry and Physics</i> , <b>2021</b> , 259, 123968	4.4	2
13	Synthesis of Cobalt-Iron Chalcogenide Clusters as Precursors for Catalysts of Oxygen Electroreduction in Alkali Media. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 2055-2062	2.3	1
12	Synthesis and photoelectrochemical properties of cyclometallated ruthenium(II) complex. <i>Russian Journal of Inorganic Chemistry</i> , <b>2014</b> , 59, 658-664	1.5	1
11	Application of vegetable oils for electrocatalytic synthesis of hydrocarbons. <i>Russian Journal of Electrochemistry</i> , <b>2013</b> , 49, 216-220	1.2	1
10	Photoelectrochemical cells based on nanocrystalline TiO <sub>2</sub> synthesized by high temperature hydrolysis of ammonium dihydroxodilactatotitanate(IV). <i>Russian Journal of Electrochemistry</i> , <b>2013</b> , 49, 423-427	1.2	1

9	Electrochemical behavior of heterometallic chalcogenide clusters. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2010</b> , 36, 359-365	1.6	1
8	Synthesis and electrochemical behavior of inclusion complexes based on Cyclodextrin and alkylaromatic compounds: Electrochemical carboxylation of the Cyclodextrin-1-(4-isobutylphenyl)ethylchloride inclusion complex on a glassy-carbon cathode in anhydrous dimethylformamide. <i>Russian Journal of Electrochemistry</i> , <b>2007</b> , 43, 1211-1218	1.2	1
7	Photoelectrocatalytic activity of In(III)-modified TiO <sub>2</sub> photoanodes in the visible spectrum region. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 16200-16210	3.6	1
6	Nanostructured Catalysts of Methanol Electrooxidation Based on PlatinumRutheniumPalladium and PlatinumRutheniumIridium Alloys Derived from Coordination Compounds. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2018</b> , 44, 738-744	1.6	1
5	Pt-Mo/C, Pt-Fe/C and Pt-Mo-Sn/C Nanocatalysts Derived from Cluster Compounds for Proton Exchange Membrane Fuel Cells. <i>Catalysts</i> , <b>2022</b> , 12, 255	4	1
4	Photoelectrocatalytic Degradation of Organic Compounds on Nanoscale Semiconductor Materials. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2021</b> , 57, 699-712	0.9	0
3	Electrochemical carboxylation of Cyclodextrin/1-(3-phenoxyphenyl)-1-chloroethane inclusion complex on a glassy-carbon cathode in anhydrous dimethylformamide. <i>Russian Journal of Electrochemistry</i> , <b>2008</b> , 44, 1397-1402	1.2	
2	CO oxidation at platinum-molybdenum electrodes <b>2010</b> , 44, 303		
1	Tolerant-to-methanol cathodic electrocatalysts based on organometallic clusters <b>2010</b> , 44, 187		