

# Vitali A Grinberg

## 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.

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	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
43	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
42	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
41	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
40	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
39	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
38	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
37	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
36	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
35	Nanostructured Catalysts of Methanol Electrooxidation Based on Platinum-Ruthenium-Palladium and Platinum-Ruthenium-Iridium Alloys Derived from Coordination Compounds. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2018</b> , 44, 738-744	1.6	1
34	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
33	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
32	Development of hydrogen-air fuel cells with membranes based on sulfonated polyheteroarylenes. <i>Russian Journal of Electrochemistry</i> , <b>2017</b> , 53, 86-91	1.2	4
31	Nanostructured catalysts for direct electrooxidation of dimethyl ether based on Bi- and trimetallic Pt-Ru and Pt-Ru-Pd alloys prepared from coordination compounds. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2017</b> , 43, 206-212	1.6	11
30	Development of methanol-air 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
29	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
28	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

27	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
26	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
25	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
24	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
23	Anodic trifluoromethylation of 10-undecylenic acid. <i>Russian Journal of Electrochemistry</i> , <b>2013</b> , 49, 996-1000	1.0	4
22	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
21	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
20	Application of vegetable oils for electrocatalytic synthesis of hydrocarbons. <i>Russian Journal of Electrochemistry</i> , <b>2013</b> , 49, 216-220	1.2	1
19	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
18	CO and methanol oxidation at platinum-tin electrodes. <i>Russian Journal of Electrochemistry</i> , <b>2010</b> , 46, 26-33	1.2	7
17	Electrochemical fluorosulfation of organofluorine compounds. <i>Russian Journal of Electrochemistry</i> , <b>2010</b> , 46, 843-870	1.2	3
16	Microfuel cells: Modern state and future development (Review). <i>Russian Journal of Electrochemistry</i> , <b>2010</b> , 46, 963-978	1.2	7
15	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
14	Electrochemical behavior of heterometallic chalcogenide clusters. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2010</b> , 36, 359-365	1.6	1
13	CO oxidation at platinum-molybdenum electrodes <b>2010</b> , 44, 303		
12	Tolerant-to-methanol cathodic electrocatalysts based on organometallic clusters <b>2010</b> , 44, 187		
11	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
10	Anodic fluorination of azobenzene. <i>Russian Journal of Electrochemistry</i> , <b>2009</b> , 45, 1306-1309	1.2	2

9	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
8	Tolerant-to-methanol cathodic electrocatalysts based on organometallic clusters. <i>Russian Journal of Electrochemistry</i> , <b>2008</b> , 44, 187-197	1.2	14
7	CO oxidation at platinum-molybdenum electrodes. <i>Russian Journal of Electrochemistry</i> , <b>2008</b> , 44, 303-312.	1.2	8
6	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
5	Electrochemical carboxylation of $\beta$ -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	
4	Nanostructured cathodic catalysts for direct methanol fuel cells. <i>Russian Journal of Electrochemistry</i> , <b>2007</b> , 43, 70-74	1.2	3
3	Nanostructured catalysts for cathodes of oxygen-hydrogen fuel cells. <i>Russian Journal of Electrochemistry</i> , <b>2007</b> , 43, 75-84	1.2	18
2	Synthesis and electrochemical behavior of inclusion complexes based on $\beta$ -cyclodextrin and alkylaromatic compounds: Electrochemical carboxylation of the $\beta$ -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
1	Synthesis, molecular structures, and properties of heterometallic cobalt tetramethylcyclobutadiene complexes $(C_4Me_4)Co(CO)_2TePh$ , $(C_4Me_4)Co(CO)_2TePh[W(CO)_5]$ , and $Me_4C_4Co(\beta-S)_2Cr_2Cp_2(\beta-C_4H_9)$ . <i>Russian Chemical Bulletin</i> , <b>2007</b> , 56, 1731-1735	1.7	5