

# Irina V Pushkareva

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structural and Electrochemical Characteristics of Platinum Nanoparticles Supported on Various Carbon Carriers. <i>Journal of Carbon Research</i> , 2022, 8, 14.	2.7	5
2	Supported Ir-Based Oxygen Evolution Catalysts for Polymer Electrolyte Membrane Water Electrolysis: A Minireview. <i>Energy &amp; Fuels</i> , 2022, 36, 6613-6625.	5.1	14
3	Reduced Graphene Oxide-Supported Pt-Based Catalysts for PEM Fuel Cells with Enhanced Activity and Stability. <i>Catalysts</i> , 2021, 11, 256.	3.5	29
4	Polyaromatic-terminated iron(ii) clathrochelates as electrocatalysts for efficient hydrogen production in water electrolysis cells with polymer electrolyte membrane. <i>Mendeleev Communications</i> , 2021, 31, 20-23.	1.6	8
5	Comparative study of anion exchange membranes for low-cost water electrolysis. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 26070-26079.	7.1	96
6	Electrocatalytic hydrogen production using the designed hexaphenanthrene iron, cobalt and ruthenium(II) cage complexes as cathode (pre)catalysts immobilized on carbonaceous substrates. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 26206-26216.	7.1	16
7	On the Influence of Composition and Structure of Carbon-Supported Pt-SnO <sub>2</sub> Hetero-Clusters onto Their Electrocatalytic Activity and Durability in PEMFC. <i>Catalysts</i> , 2019, 9, 803.	3.5	31
8	Pt/C and Pt/SnO <sub>x</sub> /C Catalysts for Ethanol Electrooxidation: Rotating Disk Electrode Study. <i>Catalysts</i> , 2019, 9, 271.	3.5	32
9	Electrochemical hydrogen production on a metal-free polymer. <i>Sustainable Energy and Fuels</i> , 2019, 3, 3387-3398.	4.9	24
10	Numerical Modeling of Polymer Electrolyte Fuel Cell Catalyst Layer with Different Carbon Supports. <i>International Journal of Electrochemical Science</i> , 2018, , 8673-8685.	1.3	8
11	Anode with the Active Layer for Electrosynthesizing Ozone in a System with Solid Polymer Electrolyte. <i>Russian Journal of Electrochemistry</i> , 2018, 54, 251-257.	0.9	5
12	Reduced Graphene Oxide and Its Modifications as Catalyst Supports and Catalyst Layer Modifiers for PEMFC. <i>Materials</i> , 2018, 11, 1405.	2.9	41
13	Hydrogen production by proton exchange membrane water electrolysis using cobalt and iron hexachloroclathrochelates as efficient hydrogen-evolving electrocatalysts. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 27845-27850.	7.1	33
14	Electrochemical generation of ozone in a system with a solid polymer electrolyte. <i>Russian Journal of Applied Chemistry</i> , 2016, 89, 1054-1065.	0.5	8
15	Electrochemical conversion of aqueous ethanol solution in an electrolyzer with a solid polymer electrolyte. <i>Russian Journal of Applied Chemistry</i> , 2016, 89, 2109-2111.	0.5	11
16	Electrocatalytic layers based on reduced graphene oxide for fabrication of low-temperature fuel cells. <i>Kinetics and Catalysis</i> , 2015, 56, 689-693.	1.0	14
17	Electrocatalytic layers modified by reduced graphene oxide for PEM fuel cells. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 14492-14497.	7.1	39