

Irina V Pushkareva

List of Publications by Year in descending order

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840776

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17
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17
times ranked

382
citing authors

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