

Roman Solovov

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

92
citations

1477746

6
h-index

1372195

10
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17
all docs

17
docs citations

17
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold nanoparticles in aqueous solutions: influence of size and pH on hydrogen dissociative adsorption and Au(III) ion reduction. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 13459-13466.	1.3	27
2	Low-temperature ortho-para hydrogen conversion catalyzed by gold nanoparticles: Particle size does not affect the rate. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 22897-22902.	3.8	16
3	Preparation of palladium nanoparticles with desired sizes in aqueous solutions. <i>Colloid Journal</i> , 2014, 76, 595-599.	0.5	9
4	Catalytic properties of gold nanoparticles in H ₂ -D ₂ exchange and ortho-para hydrogen conversion. <i>Doklady Physical Chemistry</i> , 2015, 463, 165-167.	0.2	8
5	Palladium nanoparticles in aqueous solution: Preparation, properties, and effect of their size on catalytic activity. <i>Colloid Journal</i> , 2014, 76, 553-557.	0.5	6
6	The H ₂ -D ₂ exchange reaction catalyzed by gold nanoparticles supported on γ -Al ₂ O ₃ : Effect of particle size on the reaction rate. <i>Catalysis Communications</i> , 2020, 133, 105840.	1.6	6
7	Adsorption of ozone and plasmonic properties of gold hydrosol: the effect of the nanoparticle size. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 18431-18436.	1.3	5
8	Hydrosols of Pd and Pd-H ₂ : Influence of particle nature on the rate of catalytic reduction of hexacyanoferrate(III) ions with hydrogen. <i>Catalysis Communications</i> , 2018, 103, 34-37.	1.6	5
9	Physicochemical and Sorptive Properties of a Phosphorylated Mercerized Cotton Fabric. <i>Polymers</i> , 2021, 13, 3756.	2.0	4
10	The effects of hydrogen and pH on plasmon absorption of gold hydrosol. <i>Electrochemical reactions on nanoelectrodes. Colloid Journal</i> , 2014, 76, 308-313.	0.5	2
11	Synthesis and properties of Cu-Pd hydrosol: Hydrogen reduction of Cu ²⁺ ions catalyzed by palladium nanoparticles. <i>Colloid Journal</i> , 2016, 78, 685-689.	0.5	2
12	Syntheses and crystal structures of new aurate salts of adenine or guanine nucleobases. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 139-147.	0.2	1
13	Features of Hydrogen Reduction of Fe(CN) ₆ ³⁻ Ions in Aqueous Solutions: Effect of Hydrogen Dissolved in Palladium Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 2587.	1.9	1
14	PdAg ₂ nanoparticles in aqueous solution: Preparation, characterization, and catalytic properties. <i>Colloid Journal</i> , 2012, 74, 415-419.	0.5	0
15	Hydrogen in Palladium Nanoparticles: Enhancement of Catalytic Activity in the Reaction of Hexacyanoferrate(III) Ion Reduction in Aqueous Solutions. <i>Colloid Journal</i> , 2019, 81, 768-772.	0.5	0
16	Synthesis and Characteristics of Ag-Pd Nanoparticles: Inhibition of Palladium Surface Catalytic Activity by Silver. <i>Colloid Journal</i> , 2020, 82, 188-193.	0.5	0