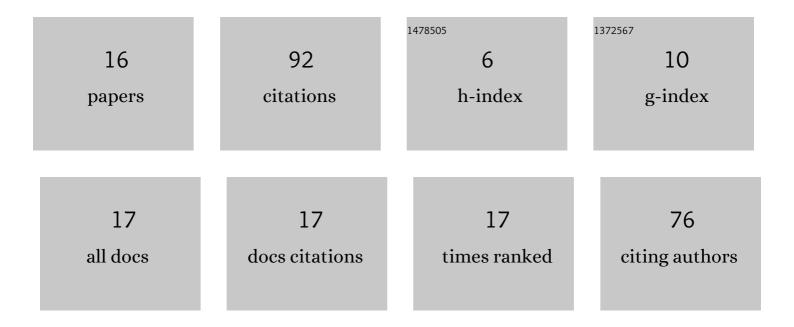
## Roman Solovov

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Features of Hydrogen Reduction of Fe(CN)63â^ lons in Aqueous Solutions: Effect of Hydrogen Dissolved in Palladium Nanoparticles. Nanomaterials, 2021, 11, 2587.	4.1	1
2	Physicochemical and Sorptive Properties of a Phosphorylated Mercerized Cotton Fabric. Polymers, 2021, 13, 3756.	4.5	4
3	The H2-D2 exchange reaction catalyzed by gold nanoparticles supported on Î <sup>3</sup> -Al2O3: Effect of particle size on the reaction rate. Catalysis Communications, 2020, 133, 105840.	3.3	6
4	Synthesis and Characteristics of Ag–Pd Nanoparticles: Inhibition of Palladium Surface Catalytic Activity by Silver. Colloid Journal, 2020, 82, 188-193.	1.3	0
5	Syntheses and crystal structures of new aurate salts of adenine or guanine nucleobases. Acta Crystallographica Section C, Structural Chemistry, 2020, 76, 139-147.	0.5	1
6	Hydrogen in Palladium Nanoparticles: Enhancement of Catalytic Activity in the Reaction of Hexacyanoferrate(III) Ion Reduction in Aqueous Solutions. Colloid Journal, 2019, 81, 768-772.	1.3	0
7	Hydrosols of Pd and Pd-H2: Influence of particle nature on the rate of catalytic reduction of hexacyanoferrate(III) ions with hydrogen. Catalysis Communications, 2018, 103, 34-37.	3.3	5
8	Low-temperature ortho–para hydrogen conversion catalyzed by gold nanoparticles: Particle size does not affect the rate. International Journal of Hydrogen Energy, 2017, 42, 22897-22902.	7.1	16
9	Gold nanoparticles in aqueous solutions: influence of size and pH on hydrogen dissociative adsorption and Au( <scp>iii</scp> ) ion reduction. Physical Chemistry Chemical Physics, 2016, 18, 13459-13466.	2.8	27
10	Synthesis and properties of Cu–Pd hydrosol: Hydrogen reduction of Cu2+ ions catalyzed by palladium nanoparticles. Colloid Journal, 2016, 78, 685-689.	1.3	2
11	Adsorption of ozone and plasmonic properties of gold hydrosol: the effect of the nanoparticle size. Physical Chemistry Chemical Physics, 2015, 17, 18431-18436.	2.8	5
12	Catalytic properties of gold nanoparticles in H2—D2 exchange and ortho—para hydrogen conversion. Doklady Physical Chemistry, 2015, 463, 165-167.	0.9	8
13	Palladium nanoparticles in aqueous solution: Preparation, properties, and effect of their size on catalytic activity. Colloid Journal, 2014, 76, 553-557.	1.3	6
14	Preparation of palladium nanoparticles with desired sizes in aqueous solutions. Colloid Journal, 2014, 76, 595-599.	1.3	9
15	The effects of hydrogen and ph on plasmon absorption of gold hydrosol. Electrochemical reactions on nanoelectrodes. Colloid Journal, 2014, 76, 308-313.	1.3	2
16	PdAg2 nanoparticles in aqueous solution: Preparation, characterization, and catalytic properties. Colloid Journal, 2012, 74, 415-419.	1.3	0