

# Vasiliy V Pryadchenko

## List of Publications by Year in descending order

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1039406

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17  
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docs citations

17  
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391  
citing authors

#	ARTICLE	IF	CITATIONS
1	EXAFS study of size dependence of atomic structure in palladium nanoparticles. Journal of Physics and Chemistry of Solids, 2014, 75, 470-476.	1.9	56
2	Bimetallic PtCu core-shell nanoparticles in PtCu/C electrocatalysts: Structural and electrochemical characterization. Applied Catalysis A: General, 2016, 525, 226-236.	2.2	44
3	Atomic Structure of Bimetallic Nanoparticles in PtAg/C Catalysts: Determination of Components Distribution in the Range from Disordered Alloys to "Core"Shell Structures. Journal of Physical Chemistry C, 2015, 119, 3217-3227.	1.5	31
4	EXAFS study of changes in atomic structure of silver nanoparticles in soda-lime glass caused by annealing. Journal of Non-Crystalline Solids, 2013, 382, 24-31.	1.5	26
5	Formation of silver nanoparticles in silicate glass using excimer laser radiation: Structural characterization by HRTEM, XRD, EXAFS and optical absorption spectra. Journal of Alloys and Compounds, 2016, 681, 307-315.	2.8	22
6	Effect of Thermal Treatment on the Atomic Structure and Electrochemical Characteristics of Bimetallic PtCu Core"Shell Nanoparticles in PtCu/C Electrocatalysts. Journal of Physical Chemistry C, 2018, 122, 17199-17210.	1.5	18
7	Atomic structure of PtCu nanoparticles in PtCu/C catalysts from EXAFS spectroscopy data. Physics of the Solid State, 2016, 58, 752-762.	0.2	14
8	Formation and implantation of gold nanoparticles by ArF-excimer laser irradiation of gold-coated float glass. Journal of Alloys and Compounds, 2018, 736, 152-162.	2.8	14
9	Electronic Structure of Pt and Au Compounds Measured by X-ray Emission and X-ray Absorption Spectroscopies. Journal of Physical Chemistry C, 2012, 116, 25790-25796.	1.5	9
10	The effect of thermal treatment on the atomic structure of core"shell PtCu nanoparticles in PtCu/C electrocatalysts. Physics of the Solid State, 2017, 59, 1666-1673.	0.2	9
11	Construction of three-dimensional models of bimetallic nanoparticles based on X-ray absorption spectroscopy data. Optics and Spectroscopy (English Translation of Optika i Spektroskopiya), 2016, 120, 926-932.	0.2	7
12	Determination of the local atomic structure of material from X-ray absorption spectroscopy data without fourier analysis of experimental spectra. Optics and Spectroscopy (English Translation of Optika i Spektroskopiya), 2016, 120, 933-937.	0.2	7
13	Silver nanoparticles in silicate glass prepared by UV laser irradiation: dependences of size and atomic structure of particles upon irradiation parameters. Journal of Physics: Conference Series, 2016, 712, 012110.	0.3	3
14	Synthesis and investigation of the structure of nanocomposites based on nickel nanoparticles dispersed in a phthalocyanine matrix. Physics of the Solid State, 2016, 58, 1004-1010.	0.2	3
15	Atomic structure of PtCu nanoparticles in PtCu/C catalysts prepared by simultaneous and sequential deposition of components on carbon support. Journal of Physics: Conference Series, 2016, 712, 012048.	0.3	2
16	Continuum model of bimetallic nanoparticles for calculating partial coordination numbers. Bulletin of the Russian Academy of Sciences: Physics, 2016, 80, 1354-1357.	0.1	1