

Vasiliy V Pryadchenko

List of Publications by Year in descending order

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16
papers

266
citations

1040056

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888059

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docs citations

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times ranked

391
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation and implantation of gold nanoparticles by ArF-excimer laser irradiation of gold-coated float glass. <i>Journal of Alloys and Compounds</i> , 2018, 736, 152-162.	5.5	14
2	Effect of Thermal Treatment on the Atomic Structure and Electrochemical Characteristics of Bimetallic PtCu Core-Shell Nanoparticles in PtCu/C Electrocatalysts. <i>Journal of Physical Chemistry C</i> , 2018, 122, 17199-17210.	3.1	18
3	The effect of thermal treatment on the atomic structure of core-shell PtCu nanoparticles in PtCu/C electrocatalysts. <i>Physics of the Solid State</i> , 2017, 59, 1666-1673.	0.6	9
4	Continuum model of bimetallic nanoparticles for calculating partial coordination numbers. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2016, 80, 1354-1357.	0.6	1
5	Atomic structure of PtCu nanoparticles in PtCu/C catalysts prepared by simultaneous and sequential deposition of components on carbon support. <i>Journal of Physics: Conference Series</i> , 2016, 712, 012048.	0.4	2
6	Silver nanoparticles in silicate glass prepared by UV laser irradiation: dependences of size and atomic structure of particles upon irradiation parameters. <i>Journal of Physics: Conference Series</i> , 2016, 712, 012110.	0.4	3
7	Atomic structure of PtCu nanoparticles in PtCu/C catalysts from EXAFS spectroscopy data. <i>Physics of the Solid State</i> , 2016, 58, 752-762.	0.6	14
8	Synthesis and investigation of the structure of nanocomposites based on nickel nanoparticles dispersed in a phthalocyanine matrix. <i>Physics of the Solid State</i> , 2016, 58, 1004-1010.	0.6	3
9	Formation of silver nanoparticles in silicate glass using excimer laser radiation: Structural characterization by HRTEM, XRD, EXAFS and optical absorption spectra. <i>Journal of Alloys and Compounds</i> , 2016, 681, 307-315.	5.5	22
10	Bimetallic PtCu core-shell nanoparticles in PtCu/C electrocatalysts: Structural and electrochemical characterization. <i>Applied Catalysis A: General</i> , 2016, 525, 226-236.	4.3	44
11	Construction of three-dimensional models of bimetallic nanoparticles based on X-ray absorption spectroscopy data. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2016, 120, 926-932.	0.6	7
12	Atomic Structure of Bimetallic Nanoparticles in PtAg/C Catalysts: Determination of Components Distribution in the Range from Disordered Alloys to Core-Shell Structures. <i>Journal of Physical Chemistry C</i> , 2015, 119, 3217-3227.	3.1	31
13	EXAFS study of size dependence of atomic structure in palladium nanoparticles. <i>Journal of Physics and Chemistry of Solids</i> , 2014, 75, 470-476.	4.0	56
14	Determination of the local atomic structure of material from X-ray absorption spectroscopy data without fourier analysis of experimental spectra. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2014, 118, 1070-1076.	0.6	10
15	EXAFS study of changes in atomic structure of silver nanoparticles in soda-lime glass caused by annealing. <i>Journal of Non-Crystalline Solids</i> , 2013, 382, 24-31.	3.1	26
16	Electronic Structure of Pt and Au Compounds Measured by X-ray Emission and X-ray Absorption Spectroscopies. <i>Journal of Physical Chemistry C</i> , 2012, 116, 25790-25796.	3.1	9