

Tykhon Zubkov

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,463
citations

623699

14
h-index

839512

18
g-index

18
all docs

18
docs citations

18
times ranked

2235
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructured Tungstate-Derived Copper for Hydrogen Evolution Reaction and Electroreduction of CO ₂ in Sodium Hydroxide Solutions. <i>Journal of Physical Chemistry C</i> , 2019, 123, 25941-25948.	3.1	14
2	Removal efficiency of commonly prescribed antibiotics via tertiary wastewater treatment. <i>Environmental Science and Pollution Research</i> , 2019, 26, 6301-6310.	5.3	54
3	Nickel tungstate (NiWO ₄) nanoparticles/graphene composites: preparation and photoelectrochemical applications. <i>Semiconductor Science and Technology</i> , 2018, 33, 055008.	2.0	16
4	Variable Growth and Characterizations of Monolayer-Protected Gold Nanoparticles Based on Molar Ratio of Gold and Capping Ligands. <i>Langmuir</i> , 2018, 34, 15517-15525.	3.5	5
5	Turning things downside up: Adsorbate induced water flipping on Pt(111). <i>Journal of Chemical Physics</i> , 2014, 141, 18C515.	3.0	11
6	Steric effects of carboxylic capping ligands on the growth of the CdSe quantum dots. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 443, 439-449.	4.7	30
7	Photocatalytic properties of free and oxide-supported MoS ₂ and WS ₂ nanoparticles synthesized without surfactants. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 262, 45-51.	3.9	31
8	A unique vibrational signature of rotated water monolayers on Pt(111): Predicted and observed. <i>Journal of Chemical Physics</i> , 2011, 134, 204702.	3.0	31
9	The Effect of the Incident Collision Energy on the Porosity of Vapor-Deposited Amorphous Solid Water Films. <i>Journal of Physical Chemistry B</i> , 2009, 113, 4000-4007.	2.6	27
10	Infrared Spectroscopy and Optical Constants of Porous Amorphous Solid Water. <i>Journal of Physical Chemistry B</i> , 2009, 113, 4131-4140.	2.6	28
11	Adsorption, desorption, and diffusion of nitrogen in a model nanoporous material. I. Surface limited desorption kinetics in amorphous solid water. <i>Journal of Chemical Physics</i> , 2007, 127, 184707.	3.0	64
12	Adsorption, desorption, and diffusion of nitrogen in a model nanoporous material. II. Diffusion limited kinetics in amorphous solid water. <i>Journal of Chemical Physics</i> , 2007, 127, 184708.	3.0	24
13	The effect of the incident collision energy on the phase and crystallization kinetics of vapor deposited water films. <i>Journal of Chemical Physics</i> , 2006, 124, 114710.	3.0	36
14	Ultraviolet Light-Induced Hydrophilicity Effect on TiO ₂ (110)(1 $\bar{1}$ -1). Dominant Role of the Photooxidation of Adsorbed Hydrocarbons Causing Wetting by Water Droplets. <i>Journal of Physical Chemistry B</i> , 2005, 109, 15454-15462.	2.6	288
15	Photochemical Activity of Nitrogen-Doped Rutile TiO ₂ (110) in Visible Light.. <i>ChemInform</i> , 2004, 35, no.	0.0	3
16	Photochemical Activity of Nitrogen-Doped Rutile TiO ₂ (110) in Visible Light. <i>Journal of Physical Chemistry B</i> , 2004, 108, 6004-6008.	2.6	699
17	The Formation and Stability of Adsorbed Formyl as a Possible Intermediate in Fischer-Tropsch Chemistry on Ruthenium. <i>Journal of Physical Chemistry B</i> , 2004, 108, 3614-3624.	2.6	49
18	Spectroscopic detection of CO dissociation on defect sites on Ru(1 0 9): implications for Fischer-Tropsch catalytic chemistry. <i>Chemical Physics Letters</i> , 2002, 362, 181-184.	2.6	53