

Denis Korneev

List of Publications by Year in descending order

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34
papers

681
citations

687363

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38
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38
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758
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of chlorinated hydrocarbons with nichrome alloy: From surface transformations to complete dusting. <i>Surfaces and Interfaces</i> , 2022, 30, 101914.	3.0	4
2	Phage-antibiotic combination is a superior treatment against <i>Acinetobacter baumannii</i> in a preclinical study. <i>EBioMedicine</i> , 2022, 80, 104045.	6.1	40
3	Bacteriophages evolve enhanced persistence to a mucosal surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	17
4	Bacteriophage-resistant <i>Acinetobacter baumannii</i> are resensitized to antimicrobials. <i>Nature Microbiology</i> , 2021, 6, 157-161.	13.3	159
5	Selected Aspects of Hydrogen Production via Catalytic Decomposition of Hydrocarbons. <i>Hydrogen</i> , 2021, 2, 122-133.	3.4	8
6	Catalytic synthesis of segmented carbon filaments via decomposition of chlorinated hydrocarbons on Ni-Pt alloys. <i>Catalysis Today</i> , 2020, 348, 102-110.	4.4	15
7	Hybrid refractive-diffractive axicons for Bessel-beam multiplexing and resolution improvement. <i>Optics Express</i> , 2020, 28, 12174.	3.4	5
8	The host exosome pathway underpins biogenesis of the human cytomegalovirus virion. <i>ELife</i> , 2020, 9, .	6.0	27
9	Formation of Active Sites of Carbon Nanofibers Growth in Self-Organizing Ni-Pd Catalyst during Hydrogen-Assisted Decomposition of 1,2-Dichloroethane. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 685-694.	3.7	22
10	Ultrastructural Aspects of Photodynamic Inactivation of Highly Pathogenic Avian H5N8 Influenza Virus. <i>Viruses</i> , 2019, 11, 955.	3.3	29
11	Effect of Mo on the catalytic activity of Ni-based self-organizing catalysts for processing of dichloroethane into segmented carbon nanomaterials. <i>Heliyon</i> , 2019, 5, e02428.	3.2	22
12	Hierarchically structured carbon-carbon nanocomposites: The preparation aspects. <i>Composites Communications</i> , 2018, 7, 65-68.	6.3	16
13	Comparative study of 1,2-dichloroethane decomposition over Ni-based catalysts with formation of filamentous carbon. <i>Catalysis Today</i> , 2018, 301, 147-152.	4.4	11
14	Synthesis of Filamentous Carbon Material via Decomposition of CF_2Cl_2 over Self-Organizing Ni-Cr Catalyst. <i>Materials Science Forum</i> , 2018, 917, 122-126.	0.3	0
15	Experimental study of the antibacterial activity of the lytic <i>Staphylococcus aureus</i> bacteriophage ph20 and lytic <i>Pseudomonas aeruginosa</i> bacteriophage ph57 during modelling of its impregnation into poly(methylmetacrylate) orthopedic implants (bone cement). <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , 2018, 73, 59-68.	0.6	7
16	Catalytic conversion of 1,2-dichloroethane over Ni-Pd system into filamentous carbon material. <i>Catalysis Today</i> , 2017, 293-294, 23-32.	4.4	32
17	Bi(<i>scpiii</i>) immobilization inside MIL-101: enhanced photocatalytic performance. <i>New Journal of Chemistry</i> , 2017, 41, 2255-2260.	2.8	7
18	Pyrolysis of 1,2-dichloroethane over Ni-Cr catalyst at resistive heating. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2017, 120, 691-701.	1.7	9

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19	Visualization of CombiHIVvac Vaccine Particles Using Electron Microscopy. AIDS Research and Human Retroviruses, 2017, 33, 323-324.	1.1	2
20	Surface modification of microfibrinous materials with nanostructured carbon. Materials Chemistry and Physics, 2017, 186, 220-227.	4.0	12
21	Influence of glycyrrhizin on permeability and elasticity of cell membrane: perspectives for drugs delivery. Drug Delivery, 2016, 23, 848-855.	5.7	92
22	The selection and optimization of the detection system for self-contained multiplexed dot-immunoassay. Journal of Immunoassay and Immunochemistry, 2016, 37, 540-554.	1.1	8
23	The regularities of the formation of carbon nanostructures from hydrocarbons based on the composition of the reaction mixture. Resource-efficient Technologies, 2016, 2, 61-67.	0.1	9
24	Characterization of avian paramyxovirus type 6 isolated from a Eurasian teal in the intersection of migratory flyways in Russia. Archives of Virology, 2016, 161, 3275-3279.	2.1	8
25	Atomic force microscopy-based single virus particle spectroscopy. Biophysics (Russian Federation), 2016, 61, 413-419.	0.7	4
26	Selection of Substrate Material for Protein Arrays. Protection of Metals and Physical Chemistry of Surfaces, 2016, 52, 302-308.	1.1	8
27	Nanostructuring of the carbon macrofiber surface. Nanotechnologies in Russia, 2015, 10, 158-164.	0.7	16
28	Efficacy of the Molded Carbon Sorbent VNIITU-1 Used in Obstetric Practice. Obshchaya Reanimatologiya, 2015, 11, 60.	1.0	3
29	Effect of glycyrrhizic acid on hemolysis of red blood cells and properties of cell membranes. Russian Chemical Bulletin, 2014, 63, 1201-1204.	1.5	13
30	Prospects for the use of ultrasonic spray pyrolysis to prepare catalysts for the synthesis of carbon nanofibers. Nanotechnologies in Russia, 2014, 9, 715-722.	0.7	3
31	Force-induced globule-coil transition in laminin binding protein and its role for viral cell membrane fusion. Journal of Molecular Recognition, 2014, 27, 727-738.	2.1	13
32	Metal Dusting as a Route to Produce Active Catalyst for Processing Chlorinated Hydrocarbons into Carbon Nanomaterials. Topics in Catalysis, 2013, 56, 1026-1032.	2.8	36
33	Development and verification of real-time PCR assay for identification of viral agents causing acute respiratory infections in human beings. Molecular Genetics, Microbiology and Virology, 2013, 28, 168-174.	0.3	1
34	Synthesis of Nanoscale TiO_2 Study of the Effect of Their Crystal Structure on Single Cell Response. Scientific World Journal, The, 2012, 2012, 1-14.	2.1	17