

Alexander P Voznyakovskii

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5257548/alexander-p-voznakovskii-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67

papers

216

citations

8

h-index

11

g-index

70

ext. papers

245

ext. citations

1.2

avg, IF

3.12

L-index

#	Paper	IF	Citations
67	Structure, mechanical, and tribological characteristics of polyurethane modified with nanodiamonds. <i>Polymer Science - Series A</i> , 2010 , 52, 1044-1050	1.2	22
66	Self-organization in nanocomposites based on detonation nanodiamonds. <i>Physics of the Solid State</i> , 2004 , 46, 644-648	0.8	19
65	Biological activity of detonation nanodiamond and prospects in its medical and biological applications. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 851-883	0.7	17
64	Rheological characteristics and relaxation properties of polymer-nanodiamond composites. <i>Russian Journal of Applied Chemistry</i> , 2009 , 82, 1041-1045	0.8	15
63	Powder hybrid nanomaterial: Detonation nanodiamonds - Carbon nanotubes and its stable reversible water nanofluids. <i>Journal of Colloid and Interface Science</i> , 2020 , 565, 305-314	9.3	13
62	Lignin wastes: Past, present, and future. <i>Russian Journal of General Chemistry</i> , 2014 , 84, 2632-2642	0.7	10
61	Structure of the dispersive medium and sedimentation resistance of suspensions of detonation nanodiamonds. <i>Physics of the Solid State</i> , 2004 , 46, 662-664	0.8	10
60	Model of formation of three-dimensional polyurethane films modified by detonation nanodiamonds. <i>Physics of the Solid State</i> , 2004 , 46, 746-747	0.8	10
59	Calculation of Physicochemical Parameters of Organic-Inorganic Polymeric Nanocomposites. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2008 , 16, 644-649	1.8	7
58	Carbon nanomaterials based on plant biopolymers as radionuclides sorbent. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2020 , 28, 238-241	1.8	7
57	Self-propagating high-temperature synthesis as a promising method for the utilization of technical lignins. <i>Russian Journal of General Chemistry</i> , 2016 , 86, 3008-3011	0.7	7
56	Surface modification of detonation nanodiamonds by the perfluorobutyl radical. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 1090-1094	0.8	6
55	The influence of detonation synthesis conditions on surface properties of detonation nanodiamonds. <i>Journal of Superhard Materials</i> , 2014 , 36, 165-170	0.9	5
54	Fine structure of the thermal decomposition kinetics of polymethylmethacrylate filled with detonation nanodiamonds. <i>Physics of the Solid State</i> , 2011 , 53, 2365-2369	0.8	5
53	Structure and Paramagnetic Properties of Graphene Nanoplatelets Prepared from Biopolymers Using Self-Propagating High-Temperature Synthesis. <i>Journal of Structural Chemistry</i> , 2020 , 61, 826-834	0.9	5
52	Environmental issues related to preparation of detonation nanodiamonds. Surface and functionalization. <i>Russian Journal of General Chemistry</i> , 2012 , 82, 2253-2255	0.7	4
51	Self-organization processes and sedimentation stability in detonation nanodiamond suspensions. <i>Technical Physics Letters</i> , 2007 , 33, 865-868	0.7	4

50	Environmental problems of finely dispersed titanium dioxide production. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 2651-2662	0.7	3
49	Thermo- and photoinduced interaction between the components of a poly(n-butyl methacrylate)fullerene C60 composite. <i>Technical Physics Letters</i> , 2015 , 41, 1113-1115	0.7	3
48	Environmental problems of wood biomass processing. Waste processing lignin. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 2898-2907	0.7	3
47	Specific Features of the Distribution of Modifying Fullerene Additives in Ultrathin Polymeric Films. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2010 , 18, 437-440	1.8	3
46	Modification of Iron Nanoclusters by Perfluorinated Radicals. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2008 , 16, 706-710	1.8	3
45	Self-organization of Fullerene Molecules in Thin Polymeric Films. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2008 , 16, 654-658	1.8	3
44	Modification of the track membrane surface by ultrathin films of polysiloxane block copolymers. <i>Technical Physics Letters</i> , 2007 , 33, 715-718	0.7	3
43	Low-Threshold Field Electron Emission from Two-Dimensional Carbon Structures. <i>Technical Physics Letters</i> , 2019 , 45, 467-470	0.7	2
42	Mass-Spectrometric Analysis of Water Desorption upon Polyurethane Wear in Vacuum. <i>Key Engineering Materials</i> , 2016 , 674, 115-120	0.4	2
41	On the lubrication mechanism of detonation-synthesis nanodiamond additives in lubricant composites. <i>Technical Physics</i> , 2017 , 62, 1364-1371	0.5	2
40	Model of Polymer Reinforcement With Detonation Nanodiamonds. <i>Journal of Macromolecular Science - Physics</i> , 2013 , 52, 1811-1817	1.4	2
39	Atomic force microscopy of the supramolecular organization and strength properties of ultrathin polysiloxane block copolymer films. <i>Physics of the Solid State</i> , 2011 , 53, 1882-1890	0.8	2
38	Aspects of the behaviour of block copolymers at temperatures below the glass transition point of one of the homopolymers using inverse gas chromatography. <i>Polymer Science USSR</i> , 1986 , 28, 1049-1056		2
37	2D Nanocarbons as the Matrix for Immobilized Microbial Preparations. <i>Technical Physics</i> , 2020 , 65, 1384-1390	0.7	2
36	Mechanism of Functionalization of the Surfaces of Detonation Nanodiamonds: Mass-Spectrometric Investigation. <i>Journal of Superhard Materials</i> , 2018 , 40, 16-20	0.9	1
35	The thermodynamics of dissolution of low-molecular-mass compounds in polymethyl[2-(3-trifluoromethyl-2,2,3-trifluorocyclobutyl)ethyl]siloxane studied via inverse gas chromatography. <i>Polymer Science - Series A</i> , 2013 , 55, 218-224	1.2	1
34	Self-organization processes in polysiloxane block copolymers, initiated by modifying fullerene additives. <i>Physics of the Solid State</i> , 2017 , 59, 1656-1661	0.8	1
33	Aqueous Emulsions of Polysiloxane Polyblock Copolymers as a Basis for Weatherproof Protective Coatings. <i>Russian Journal of General Chemistry</i> , 2017 , 87, 3250-3254	0.7	1

32	Geometrical characteristics of detonation diamond particles by the data of small-angle X-ray scattering. <i>Journal of Superhard Materials</i> , 2015 , 37, 357-362	0.9	1
31	Surface characterization of detonation nanodiamond particles. <i>Russian Journal of General Chemistry</i> , 2012 , 82, 2256-2258	0.7	1
30	Modification of detonation-synthesized nanodiamonds by a hydrocarbon radical as a method of producing highly dispersed water suspensions of diamond. <i>Journal of Superhard Materials</i> , 2011 , 33, 244-249	0.9	1
29	Sorption properties of the interfacial layer in polyester-polysiloxane block copolymers (inverse gas chromatography). <i>Physics of the Solid State</i> , 2009 , 51, 2409-2414	0.8	1
28	Determination of the molecular-weight characteristics of polyacrylic acid and its copolymer with butyl acrylate. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 728-731	0.8	1
27	Distribution of Perfluoro(propyl Vinyl Ether) between the Latex Based on Tetrafluoroethylene Copolymer and the Gas Phase. <i>Russian Journal of Applied Chemistry</i> , 2002 , 75, 142-145	0.8	1
26	A study of the sorption properties of thin films of polyblock block-copolymers of phenylsilsesquioxane and linear polysiloxanes by inverse gas chromatography. <i>Polymer Science USSR</i> , 1991 , 33, 509-515		1
25	Thermal conductivity and heat capacity of nanofluid based on water modified by hybrid material of composition detonation nanodiamonds-carbon nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 1-5	1.8	1
24	Prospects for Development of an Eco-Friendly Nanocarbon Matrix for Combined Immobilized Microbial Preparations. <i>Russian Journal of General Chemistry</i> , 2019 , 89, 2756-2762	0.7	1
23	Biomass of Sosnowskyĭ Hogweed as Raw Material for Obtaining 2D Carbonic Nanostructures. <i>Russian Journal of Bioorganic Chemistry</i> , 2021 , 47, 1381-1388	1	1
22	Hogweed Biomass as a Raw Material for Producing 2D Nanocarbons: An Environmental Aspect. <i>Russian Journal of General Chemistry</i> , 2020 , 90, 2627-2631	0.7	0
21	Laser initiation of modified complex cobalt (III) perchlorate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 1254-1260	1.3	0
20	Hardness and thermal conductivity of a composite based on aluminum modified with a hybrid material detonation nanodiamond/few-layer graphene. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2022 , 30, 205-210	1.8	0
19	Determination of the Supramolecular Structure of Fluorocopolymer by Inverse Gas Chromatography. <i>Polymer Science - Series A</i> , 2019 , 61, 382-391	1.2	
18	Molecular Organization in Ethylene-Perfluoroether Copolymers. <i>Journal of Macromolecular Science - Physics</i> , 2013 , 52, 1818-1828	1.4	
17	Selective membranes with biologically active surface. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 2745-2749	0.7	
16	Detonation nanodiamonds as antioxidants in various test systems. <i>Journal of Superhard Materials</i> , 2017 , 39, 326-335	0.9	
15	Perspectives for thiamin as a preparation for correction of free radical states of different origin. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 2886-2897	0.7	

14	The study of polydispersity of detonation-synthesized nanocarbons by dynamic light diffusion. <i>Journal of Superhard Materials</i> , 2009 , 31, 318-322	0.9
13	Nanocarbons-Induced Hardening of Ultrathin Polysiloxane Block Copolymer Films. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2012 , 20, 487-495	1.8
12	Polymeric nanocomposites based on fluoropolymers and nanocarbon from detonation synthesis. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 890-894	0.8
11	Specific features of the molecular organization of solutions of ethylene-perfluorinated ether copolymers. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 629-633	0.8
10	Specific features of formation of 3D chemical networks in siloxane block copolymers. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 979-982	0.8
9	Application of reverse gas chromatography to studying the microheterogeneous structure of block copolymers. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 1570-1574	0.8
8	Inverse gas chromatographic study of supramolecular organization in microheterogeneous systems for the example of polyblock copolymers. <i>Russian Journal of Applied Chemistry</i> , 2006 , 79, 1998-2006	0.8
7	Interfacial interaction of components in block copolymers and the sorption of low molecular compounds by them. <i>Polymer Science USSR</i> , 1988 , 30, 2478-2482	
6	Low-threshold field electron emission from graphene nanostructures. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 1-6	1.8
5	Phenomenological model of synthesis of few-layer graphene (FLG) by the selfpropagating high-temperature synthesis (SHS) method from biopolymers. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 1-7	1.8
4	Integrated Approach to Conservation and Regeneration of Forest Resources of Russia. <i>Russian Journal of General Chemistry</i> , 2020 , 90, 2606-2611	0.7
3	Cluster polymers composites on basis of diamond containing nanocarbon of explosive synthesis 1997 , 353-359	
2	2D Carbon-Supported Platinum Catalysts for Hydrosilylation Reactions. <i>Russian Journal of General Chemistry</i> , 2020 , 90, 1944-1948	0.7
1	Thermal conductivity and heat capacity of nanofluid based on water modified by hybrid material of composition detonation nanodiamonds-carbon nanotubes. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021 , 1118, 012024	0.4