

Olena Goncharuk

List of Publications by Year in descending order

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65
papers

1,737
citations

257101

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docs citations

65
times ranked

1395
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-Linked Hydrogels Based on PolyNIPAAm and Acid-Activated Laponite RD: Swelling and Tunable Thermosensitivity. <i>Langmuir</i> , 2022, 38, 5708-5716.	1.6	3
2	Structure of aluminosilicate-supported nickel and iron oxides nanocomposites in gaseous and aqueous media. <i>Physicochemical Problems of Mineral Processing</i> , 2021, , .	0.2	2
3	Thermoresponsive hydrogels physically crosslinked with magnetically modified LAPONITE® nanoparticles. <i>Soft Matter</i> , 2020, 16, 5689-5701.	1.2	16
4	Thermosensitive hydrogel nanocomposites with magnetic laponite nanoparticles. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 4559-4569.	1.6	11
5	Silica-supported Ni_xO_y , Zn_xO_y and Mn_xO_y nanocomposites: physicochemical characteristics and interactions with water and n-decane. <i>Bulletin of Materials Science</i> , 2019, 42, 1.	0.8	5
6	Silica-supported Ni and Co nanooxides: Colloidal properties and interactions with polar and nonpolar liquids. <i>Journal of Molecular Liquids</i> , 2019, 285, 397-402.	2.3	11
7	Adsorptive removal of C.I. Direct Yellow 142 from textile baths using nanosized silica-titanium oxide. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	3
8	Morphology, Molecular Dynamics, and Interfacial Phenomena in Systems Based on Silica Modified by Grafting Polydimethylsiloxane Chains and Physically Adsorbed Polydimethylsiloxane. <i>Macromolecules</i> , 2019, 52, 2863-2877.	2.2	39
9	Effects of enhanced clusterization of water at a surface of partially silylated nanosilica on adsorption of cations and anions from aqueous media. <i>Microporous and Mesoporous Materials</i> , 2019, 277, 95-104.	2.2	45
10	Influence of water-soluble nonionic polymers adsorption on colloidal properties of nanosilica dispersions. <i>French-Ukrainian Journal of Chemistry</i> , 2019, 7, 57-73.	0.1	0
11	Comparison of adsorption affinity of anionic polyacrylamide for nanostructured silica-titania mixed oxides. <i>Journal of Molecular Liquids</i> , 2018, 258, 27-33.	2.3	10
12	Equilibrium Contact Angle and Determination of Apparent Surface Free Energy Using Hysteresis Approach on Rough Surfaces. , 2018, , 331-347.		0
13	Nanosized silica-titanium oxide as a potential adsorbent for C.I. Acid Yellow 219 dye removal from textile baths and wastewaters. <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 867-876.	1.6	11
14	Morphology, crystallization and rigid amorphous fraction in PDMS adsorbed onto carbon nanotubes and graphite. <i>Polymer</i> , 2018, 139, 130-144.	1.8	49
15	Hydrophobic properties of hexamethyldisilazane modified nanostructured silica films on glass: effect of plasma pre-treatment of glass and polycondensation features. <i>Materials Research Express</i> , 2018, 5, 016409.	0.8	12
16	Titania-Coated Silica Alone and Modified by Sodium Alginate as Sorbents for Heavy Metal Ions. <i>Nanoscale Research Letters</i> , 2018, 13, 96.	3.1	29
17	Macro and micro wettability of hydrophobic siloxane films with hierarchical surface roughness. <i>Smart Materials and Structures</i> , 2018, 27, 075002.	1.8	4
18	Heats of immersion of hydroxyapatite and hydroxyapatite/fumed oxides composites in water and n-decane. <i>Materials Chemistry and Physics</i> , 2018, 215, 99-103.	2.0	5

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19	Nanosized Oxides of Different Compositions as Adsorbents for Hazardous Substances Removal from Aqueous Solutions and Wastewaters. Springer Proceedings in Physics, 2018, , 103-126.	0.1	1
20	Nanosilica modified by polydimethylsiloxane depolymerized and chemically bound to nanoparticles or physically bound to unmodified or modified surfaces: Structure and interfacial phenomena. Journal of Colloid and Interface Science, 2018, 529, 273-282.	5.0	18
21	Synthesis, Structural, and Adsorption Properties and Thermal Stability of Nanohydroxyapatite/Polysaccharide Composites. Nanoscale Research Letters, 2017, 12, 155.	3.1	40
22	Nanooxide/Polymer Composites with Silica@PDMS and Ceria@Zirconia@Silica@PDMS: Textural, Morphological, and Hydrophilic/Hydrophobic Features. Nanoscale Research Letters, 2017, 12, 152.	3.1	25
23	Wettability and thermal analysis of hydrophobic poly(methyl methacrylate)/silica nanocomposites. Adsorption Science and Technology, 2017, 35, 560-571.	1.5	9
24	Nanostructure of Poly(Acrylic Acid) Adsorption Layer on the Surface of Activated Carbon Obtained from Residue After Supercritical Extraction of Hops. Nanoscale Research Letters, 2017, 12, 2.	3.1	37
25	Influence of hydrophobization of fumed oxides on interactions with polar and nonpolar adsorbates. Applied Surface Science, 2017, 423, 855-868.	3.1	25
26	Turbidimetric studies of colloidal silica/aqueous solution system stability. Surface Innovations, 2017, 5, 138-146.	1.4	3
27	Multi-layer graphene oxide alone and in a composite with nanosilica: Preparation and interactions with polar and nonpolar adsorbates. Applied Surface Science, 2016, 387, 736-749.	3.1	5
28	Interfacial phenomena at a surface of individual and complex fumed nanooxides. Advances in Colloid and Interface Science, 2016, 235, 108-189.	7.0	50
29	Silica-Supported Titania@Zirconia Nanocomposites: Structural and Morphological Characteristics in Different Media. Nanoscale Research Letters, 2016, 11, 111.	3.1	23
30	Nature and morphology of fumed oxides and features of interfacial phenomena. Applied Surface Science, 2016, 366, 410-423.	3.1	13
31	Wettability of modified silica layers deposited on glass support activated by plasma. Applied Surface Science, 2015, 353, 843-850.	3.1	22
32	The heat of immersion of modified silica in polar and nonpolar liquids. Journal of Thermal Analysis and Calorimetry, 2015, 120, 1365-1373.	2.0	15
33	Evaporation of polar and nonpolar liquids from silica gels and fumed silica. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 474, 52-62.	2.3	15
34	Silica-supported ceria@zirconia and titania@zirconia nanocomposites: Structural characteristics and electrochemical properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 482, 631-638.	2.3	10
35	Interfacial phenomena at a surface of partially silylated nanosilica. Journal of Colloid and Interface Science, 2014, 434, 28-39.	5.0	9
36	Interfacial behavior of polar, weakly polar, and nonpolar compounds bound to activated carbons. Journal of Colloid and Interface Science, 2013, 404, 140-149.	5.0	6

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37	Synthesis and properties of composites synthesized by deposition of TiO ₂ doped with SnO ₂ or NiO ₂ onto A-300 nanosilica. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2013, 49, 541-547.	0.3	5
38	Interfacial Behavior of <i>n</i> -Decane Bound to Weakly Hydrated Silica Gel and Nanosilica over a Broad Temperature Range. <i>Langmuir</i> , 2013, 29, 4303-4314.	1.6	21
39	Structural and hydrophobic/hydrophilic properties of nanosilica/zirconia alone and with adsorbed PDMS. <i>Applied Surface Science</i> , 2011, 258, 270-277.	3.1	24
40	Adsorption of polar and nonpolar compounds onto complex nanooxides with silica, alumina, and titania. <i>Journal of Colloid and Interface Science</i> , 2010, 348, 546-558.	5.0	26
41	Structural and adsorption characteristics and catalytic activity of titania and titania-containing nanomaterials. <i>Journal of Colloid and Interface Science</i> , 2009, 330, 125-137.	5.0	23
42	Morphological and structural features of individual and composite nanooxides with alumina, silica, and titania in powders and aqueous suspensions. <i>Powder Technology</i> , 2009, 195, 245-258.	2.1	34
43	Regularities in the behaviour of water confined in adsorbents and bioobjects studied by ¹ H NMR spectroscopy and TSDC methods at low temperatures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 336, 147-158.	2.3	13
44	Structural features of polymer adsorbent LiChrolut EN and interfacial behavior of water and water/organic mixtures. <i>Journal of Colloid and Interface Science</i> , 2008, 323, 6-17.	5.0	15
45	Influence of different treatments on characteristics of nanooxide powders alone or with adsorbed polar polymers or proteins. <i>Powder Technology</i> , 2008, 187, 146-158.	2.1	16
46	Interfacial phenomena in starch/fumed silica at varied hydration levels. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 320, 247-259.	2.3	8
47	Adsorption of methane with the presence of water on oxide, polymer and carbon adsorbents studied using ¹ H NMR spectroscopy at low temperatures. <i>Applied Surface Science</i> , 2008, 255, 3310-3317.	3.1	11
48	Relationships between surface compositions and properties of surfaces of mixed fumed oxides. <i>Applied Surface Science</i> , 2007, 253, 3215-3230.	3.1	34
49	Comparative characterization of polymethylsiloxane hydrogel and silylated fumed silica and silica gel. <i>Journal of Colloid and Interface Science</i> , 2007, 308, 142-156.	5.0	28
50	Relaxation phenomena in poly(vinyl alcohol)/fumed silica affected by interfacial water. <i>Journal of Colloid and Interface Science</i> , 2007, 312, 201-213.	5.0	24
51	Surface structure and properties of mixed fumed oxides. <i>Journal of Colloid and Interface Science</i> , 2007, 314, 119-130.	5.0	33
52	TSDC spectroscopy of relaxational and interfacial phenomena. <i>Advances in Colloid and Interface Science</i> , 2007, 131, 1-89.	7.0	124
53	Successive interaction of pairs of soluble organics with nanosilica in aqueous media. <i>Journal of Colloid and Interface Science</i> , 2006, 300, 20-32.	5.0	32
54	Integral equation for calculation of distribution function of activation energy of shear viscosity. <i>Journal of Colloid and Interface Science</i> , 2006, 304, 239-245.	5.0	4

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55	Effect of the composition and structure of titanosilicas on their photocatalytic activity in the decomposition of methylene blue. <i>Theoretical and Experimental Chemistry</i> , 2006, 42, 26-32.	0.2	9
56	Unusual properties of water at hydrophilic/hydrophobic interfaces. <i>Advances in Colloid and Interface Science</i> , 2005, 118, 125-172.	7.0	214
57	Morphology and surface properties of fumed silicas. <i>Journal of Colloid and Interface Science</i> , 2005, 289, 427-445.	5.0	133
58	Interaction of poly(vinyl pyrrolidone) with fumed silica in dry and wet powders and aqueous suspensions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 233, 63-78.	2.3	45
59	Surface electric and titration behaviour of fumed oxides. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 240, 9-25.	2.3	36
60	Impact of Some Organics on Structural and Adsorptive Characteristics of Fumed Silica in Different Media. <i>Langmuir</i> , 2002, 18, 581-596.	1.6	53
61	Fumed Silicas Possessing Different Morphology and Hydrophilicity. <i>Journal of Colloid and Interface Science</i> , 2001, 242, 90-103.	5.0	70
62	Title is missing!. <i>Colloid Journal</i> , 2001, 63, 283-289.	0.5	17
63	Interaction of proteins and substituted aromatic drugs with highly disperse oxides in aqueous suspension. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 167, 229-243.	2.3	21
64	Characterization of Fumed Alumina/Silica/Titania in the Gas Phase and in Aqueous Suspension. <i>Journal of Colloid and Interface Science</i> , 1999, 220, 302-323.	5.0	80
65	The catalytic efficiency of Fe-containing nanocomposites based on highly dispersed silica in the reaction of CO ₂ hydrogenation. <i>Research on Chemical Intermediates</i> , 0, , .	1.3	3