

Tatiana P Maslennikova

List of Publications by Citations

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

46
papers

277
citations

9
h-index

13
g-index

46
ext. papers

340
ext. citations

1.5
avg, IF

3.44
L-index

#	Paper	IF	Citations
46	Express Al/Fe oxide-hydroxide sorbent systems for Cr(VI) removal from aqueous solutions. <i>Chemical Engineering Journal</i> , 2018 , 350, 344-355	14.7	34
45	Polymer-inorganic nanocomposites based on aromatic polyamidoimides effective in the processes of liquids separation. <i>Russian Journal of General Chemistry</i> , 2010 , 80, 1136-1142	0.7	20
44	Hydrothermal synthesis, characterization and sorption properties of Al/Fe oxide-hydroxide composite powders. <i>Advanced Powder Technology</i> , 2016 , 27, 756-764	4.6	17
43	Characterization and sorption properties of AlOOH/Fe ₂ O ₃ composite powders prepared via hydrothermal method. <i>Materials Chemistry and Physics</i> , 2017 , 186, 612-619	4.4	15
42	Influence of the physicochemical parameters of synthesis on the growth of nanotubes of the Mg ₃ Si ₂ O ₅ (OH) ₄ composition under hydrothermal conditions. <i>Glass Physics and Chemistry</i> , 2011 , 37, 161-171	0.7	13
41	Structure and characteristics of chitosan-based fibers containing chrysotile and halloysite. <i>Polymer Science - Series A</i> , 2011 , 53, 418-423	1.2	11
40	Synthesis of nanopowders and physicochemical properties of ceramic matrices of the LaPO ₄ -YPO ₄ (H ₂ O) and LaPO ₄ -HoPO ₄ (H ₂ O) systems. <i>Russian Journal of Applied Chemistry</i> , 2017 , 90, 28-33	0.8	10
39	Effect of heat treatment on structural-chemical transformations in magnesium hydrosilicate [Mg ₃ Si ₂ O ₅ (OH) ₄] nanotubes. <i>Russian Journal of Applied Chemistry</i> , 2009 , 82, 2079-2086	0.8	10
38	Regularities of the filling of Mg ₃ Si ₂ O ₅ (OH) ₄ hydrosilicate nanotubes with solutions of sodium hydroxide and sodium chloride. <i>Glass Physics and Chemistry</i> , 2011 , 37, 418-425	0.7	9
37	Chemical and thermal stability of phosphate ceramic matrices. <i>Glass Physics and Chemistry</i> , 2017 , 43, 83-90	0.7	8
36	Synthesis, mutual solubility, and thermal behavior of nanocrystals in the LaPO ₄ -YPO ₄ -H ₂ O system. <i>Glass Physics and Chemistry</i> , 2010 , 36, 351-357	0.7	8
35	Comparative Study of Powders Based on the ZrO ₂ -Y ₂ O ₃ -SiO ₂ System Obtained by Various Liquid Phase Methods of Synthesis. <i>Glass Physics and Chemistry</i> , 2018 , 44, 433-439	0.7	8
34	Effect of Chitin Nanofibrils on the Sorption Behavior of Chitosan-Based Composite Films. <i>Polymer Science - Series A</i> , 2020 , 62, 205-212	1.2	7
33	Interaction between water and the composite materials based on chitosan and chitin nanofibrils. <i>Polymer</i> , 2020 , 189, 122166	3.9	7
32	Hydrothermal Synthesis of Ti-Doped Nickel Hydrosilicates of Various Morphologies. <i>Russian Journal of Applied Chemistry</i> , 2018 , 91, 286-291	0.8	6
31	Aqueous solutions of cesium salts and cesium hydroxide in hydrosilicate nanotubes of the Mg ₃ Si ₂ O ₅ (OH) ₄ composition. <i>Glass Physics and Chemistry</i> , 2010 , 36, 345-350	0.7	6
30	Morphology and mechanical properties of polymer-inorganic nanocomposite containing triple chain fibrous Na-Mg hydrosilicate. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 1496-1505	0.7	5

29	Influence of synthesis of physicochemical parameters on growth of Ni ₃ Si ₂ O ₅ (OH) ₄ nanotubes and their filling with solutions of hydroxides and chlorides of alkaline metals. <i>Glass Physics and Chemistry</i> , 2013 , 39, 67-72	0.7	5
28	Materials based on aluminum and iron oxides obtained by the hydrothermal method. <i>Glass Physics and Chemistry</i> , 2014 , 40, 650-656	0.7	5
27	Interaction of potassium chloride aqueous solution Mg ₃ Si ₂ O ₅ (OH) ₄ with the nanotubes based on magnesium hydrosilicate. <i>Russian Journal of Applied Chemistry</i> , 2009 , 82, 352-355	0.8	5
26	The synthesis and thermochemical study of (Mg,Fe) ₃ Si ₂ O ₅ (OH) ₄ nanotubes. <i>Russian Journal of Physical Chemistry A</i> , 2010 , 84, 44-47	0.7	5
25	On an adsorption/photocatalytic performance of nanotubular Mg ₃ Si ₂ O ₅ (OH) ₄ /TiO ₂ composite. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , 2018 , 410-416	1.8	5
24	Cation Doping Approach for Nanotubular Hydrosilicates Curvature Control and Related Applications. <i>Crystals</i> , 2020 , 10, 654	2.3	5
23	Sol-gel synthesis of precursors and preparation of ceramic composites based on LaPO ₄ with Y ₂ O ₃ and ZrO ₂ additions. <i>Journal of Sol-Gel Science and Technology</i> , 2019 , 92, 427-441	2.3	4
22	Temperature factor in interaction of nanotubular magnesium hydrosilicate, Mg ₃ Si ₂ O ₅ (OH) ₄ , with titanium tetrachloride and water vapors. <i>Russian Journal of Applied Chemistry</i> , 2014 , 87, 151-159	0.8	4
21	Interacton of chrisotyl nanotubes with water-alcohol solutons at different temperature-time parameters. <i>Glass Physics and Chemistry</i> , 2012 , 38, 122-130	0.7	4
20	Synthetic hydrosilicate nanotubes induce low pro-inflammatory and cytotoxic responses compared to natural chrysotile in lung cell cultures. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020 , 126, 374-388	3.1	4
19	Effect of the Method of Synthesis on the Photocatalytic and Sorption Properties for Potassium Polytitanates Doped with Di- and Trivalent Metal Ions. <i>Russian Journal of Inorganic Chemistry</i> , 2020 , 65, 1127-1134	1.5	4
18	Modification of Mg ₃ Si ₂ O ₅ (OH) ₄ nanotubes by magnetite nanoparticles. <i>Glass Physics and Chemistry</i> , 2017 , 43, 257-262	0.7	3
17	Effect of carbon nanostructures on the carbonization of polyacrylonitrile. <i>Russian Journal of Applied Chemistry</i> , 2013 , 86, 1410-1416	0.8	3
16	Interaction of Mg ₃ Si ₂ O ₅ (OH) ₄ nanotubes with potassium hydroxide. <i>Russian Journal of Applied Chemistry</i> , 2008 , 81, 375-379	0.8	3
15	Biocomposite Materials Based on Chitosan and Lignin: Preparation and Characterization. <i>Cosmetics</i> , 2021 , 8, 24	2.7	3
14	Mechanism of formation of titanium dioxide crystallites in the reaction of titanium tetrachloride with magnesium hydrosilicate nanotubes. <i>Materials Today Chemistry</i> , 2019 , 11, 156-168	6.2	3
13	Sol-Gel Synthesis, Thermal Behavior of Nanopowders and Chemical Stability of La _{1-x} HoxPO ₄ Ceramic Matrices. <i>Glass Physics and Chemistry</i> , 2018 , 44, 440-449	0.7	3
12	Aromatic polyamidoimides modified with hydrosilicate nanoparticles of different structure and morphology for membrane technologies. <i>Glass Physics and Chemistry</i> , 2017 , 43, 181-184	0.7	2

11	Sorption of Strontium Ions on Potassium-Titanate Nanoparticles of Various Morphology Obtained under Hydrothermal Conditions. <i>Russian Journal of Applied Chemistry</i> , 2019 , 92, 549-554	0.8	2
10	Sorption of lead(II) ions and water vapors by synthetic hydro- and aluminosilicates with layered, framework, and nanotube morphology. <i>Glass Physics and Chemistry</i> , 2014 , 40, 250-255	0.7	2
9	Synthesis and growth of nanotubes Mg ₃ Si ₂ O ₅ (OH,F) ₄ composition under hydrothermal conditions. <i>Glass Physics and Chemistry</i> , 2013 , 39, 294-300	0.7	2
8	Physicochemical Properties of Nanosized Powders of the LaPO ₄ /DyPO ₄ /TiO ₂ System. <i>Glass Physics and Chemistry</i> , 2018 , 44, 423-427	0.7	2
7	Thermochemical modification of Mg ₃ Si ₂ O ₅ (OH) ₄ hydrosilicate nanotubes by silver nitrate solutions. <i>Glass Physics and Chemistry</i> , 2016 , 42, 288-294	0.7	1
6	Electrooptical properties of aqueous suspensions of nickel hydrosilicate nanotubes. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2012 , 112, 64-71	0.7	1
5	Hydrothermal synthesis of potassium titanate nanotubes doped with magnesium, nickel, and aluminum. <i>Russian Journal of Applied Chemistry</i> , 2017 , 90, 193-197	0.8	1
4	Effect of temperature on the synthesis of nanoparticles with different morphology in the system MgO/SiO ₂ /TiO ₂ /H ₂ O under hydrothermal conditions. <i>Glass Physics and Chemistry</i> , 2016 , 42, 627-630	0.7	1
3	Synthesis and Investigation of the Catalytic Activity of Nanostructured Potassium Titanates Doped by Ni, Mg, Al, Fe, and Cr. <i>Glass Physics and Chemistry</i> , 2018 , 44, 329-332	0.7	1
2	Analysis of the surface morphology, structure and properties of polyamidoimide nanocomposites with tubular hydrosilicates. <i>Journal of Surface Investigation</i> , 2017 , 11, 1022-1032	0.5	
1	Formation of Anisotropic Hydroxyapatite Particles under Hydrothermal Conditions. <i>Russian Journal of Applied Chemistry</i> , 2020 , 93, 633-638	0.8	