

# Tatiana P Maslennikova

## List of Publications by Year in Descending Order

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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 | Biocomposite Materials Based on Chitosan and Lignin: Preparation and Characterization. <i>Cosmetics</i> , <b>2021</b> , 8, 24  | 2.7  | 3         |
| 45 | Effect of Chitin Nanofibrils on the Sorption Behavior of Chitosan-Based Composite Films. <i>Polymer Science - Series A</i> , <b>2020</b> , 62, 205-212   | 1.2  | 7         |
| 44 | Formation of Anisotropic Hydroxyapatite Particles under Hydrothermal Conditions. <i>Russian Journal of Applied Chemistry</i> , <b>2020</b> , 93, 633-638   | 0.8  |           |
| 43 | 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> , <b>2020</b> , 126, 374-388                   | 3.1  | 4         |
| 42 | Interaction between water and the composite materials based on chitosan and chitin nanofibrils. <i>Polymer</i> , <b>2020</b> , 189, 122166   | 3.9  | 7         |
| 41 | Effect of the Method of Synthesis on the Photocatalytic and Sorption Properties for Potassium Poly titanates Doped with Di- and Trivalent Metal Ions. <i>Russian Journal of Inorganic Chemistry</i> , <b>2020</b> , 65, 1127-1134                | 1.5  | 4         |
| 40 | Cation Doping Approach for Nanotubular Hydrosilicates Curvature Control and Related Applications. <i>Crystals</i> , <b>2020</b> , 10, 654  | 2.3  | 5         |
| 39 | Sorption of Strontium Ions on Potassium-Titanate Nanoparticles of Various Morphology Obtained under Hydrothermal Conditions. <i>Russian Journal of Applied Chemistry</i> , <b>2019</b> , 92, 549-554   | 0.8  | 2         |
| 38 | Sol-gel synthesis of precursors and preparation of ceramic composites based on LaPO <sub>4</sub> with Y <sub>2</sub> O <sub>3</sub> and ZrO <sub>2</sub> additions. <i>Journal of Sol-Gel Science and Technology</i> , <b>2019</b> , 92, 427-441 | 2.3  | 4         |
| 37 | Mechanism of formation of titanium dioxide crystallites in the reaction of titanium tetrachloride with magnesium hydrosilicate nanotubes. <i>Materials Today Chemistry</i> , <b>2019</b> , 11, 156-168   | 6.2  | 3         |
| 36 | Express Al/Fe oxide-hydroxide sorbent systems for Cr(VI) removal from aqueous solutions. <i>Chemical Engineering Journal</i> , <b>2018</b> , 350, 344-355  | 14.7 | 34        |
| 35 | Hydrothermal Synthesis of Ti-Doped Nickel Hydrosilicates of Various Morphologies. <i>Russian Journal of Applied Chemistry</i> , <b>2018</b> , 91, 286-291  | 0.8  | 6         |
| 34 | On an adsorption/photocatalytic performance of nanotubular Mg <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> /TiO <sub>2</sub> composite. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , <b>2018</b> , 410-416             | 1.8  | 5         |
| 33 | Sol-Gel Synthesis, Thermal Behavior of Nanopowders and Chemical Stability of La <sub>1-x</sub> HoxPO <sub>4</sub> Ceramic Matrices. <i>Glass Physics and Chemistry</i> , <b>2018</b> , 44, 440-449   | 0.7  | 3         |
| 32 | Physicochemical Properties of Nanosized Powders of the LaPO <sub>4</sub> /DyPO <sub>4</sub> /H <sub>2</sub> O System. <i>Glass Physics and Chemistry</i> , <b>2018</b> , 44, 423-427   | 0.7  | 2         |
| 31 | Comparative Study of Powders Based on the ZrO <sub>2</sub> /Y <sub>2</sub> O <sub>3</sub> /H <sub>2</sub> O System Obtained by Various Liquid Phase Methods of Synthesis. <i>Glass Physics and Chemistry</i> , <b>2018</b> , 44, 433-439         | 0.7  | 8         |
| 30 | 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> , <b>2018</b> , 44, 329-332  | 0.7  | 1         |

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|----|---|-----|----|
| 29 | Aromatic polyamidoimides modified with hydrosilicate nanoparticles of different structure and morphology for membrane technologies. <i>Glass Physics and Chemistry</i> , <b>2017</b> , 43, 181-184  | 0.7 | 2  |
| 28 | Synthesis of nanopowders and physicochemical properties of ceramic matrices of the $\text{LaPO}_4/\text{TiO}_2$ and $\text{LaPO}_4/\text{Fe}_2\text{O}_3$ systems. <i>Russian Journal of Applied Chemistry</i> , <b>2017</b> , 90, 28-33                                  | 0.8 | 10 |
| 27 | Modification of $\text{Mg}_3\text{Si}_2\text{O}_5(\text{OH})_4$ nanotubes by magnetite nanoparticles. <i>Glass Physics and Chemistry</i> , <b>2017</b> , 43, 257-262  | 0.7 | 3  |
| 26 | Chemical and thermal stability of phosphate ceramic matrices. <i>Glass Physics and Chemistry</i> , <b>2017</b> , 43, 83-90  | 0.7 | 8  |
| 25 | Analysis of the surface morphology, structure and properties of polyamidoimide nanocomposites with tubular hydrosilicates. <i>Journal of Surface Investigation</i> , <b>2017</b> , 11, 1022-1032  | 0.5 |    |
| 24 | Hydrothermal synthesis of potassium titanate nanotubes doped with magnesium, nickel, and aluminum. <i>Russian Journal of Applied Chemistry</i> , <b>2017</b> , 90, 193-197  | 0.8 | 1  |
| 23 | Characterization and sorption properties of $\text{AlOOH}/\text{Fe}_2\text{O}_3$ composite powders prepared via hydrothermal method. <i>Materials Chemistry and Physics</i> , <b>2017</b> , 186, 612-619  | 4.4 | 15 |
| 22 | Thermochemical modification of $\text{Mg}_3\text{Si}_2\text{O}_5(\text{OH})_4$ hydrosilicate nanotubes by silver nitrate solutions. <i>Glass Physics and Chemistry</i> , <b>2016</b> , 42, 288-294  | 0.7 | 1  |
| 21 | Hydrothermal synthesis, characterization and sorption properties of Al/Fe oxide-hydroxide composite powders. <i>Advanced Powder Technology</i> , <b>2016</b> , 27, 756-764  | 4.6 | 17 |
| 20 | Effect of temperature on the synthesis of nanoparticles with different morphology in the system $\text{MgO}/\text{TiO}_2/\text{Fe}_2\text{O}_3$ under hydrothermal conditions. <i>Glass Physics and Chemistry</i> , <b>2016</b> , 42, 627-630                             | 0.7 | 1  |
| 19 | Morphology and mechanical properties of polymer-inorganic nanocomposite containing triple chain fibrous Na-Mg hydrosilicate. <i>Russian Journal of General Chemistry</i> , <b>2015</b> , 85, 1496-1505  | 0.7 | 5  |
| 18 | Temperature factor in interaction of nanotubular magnesium hydrosilicate, $\text{Mg}_3\text{Si}_2\text{O}_5(\text{OH})_4$ , with titanium tetrachloride and water vapors. <i>Russian Journal of Applied Chemistry</i> , <b>2014</b> , 87, 151-159                         | 0.8 | 4  |
| 17 | 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> , <b>2014</b> , 40, 250-255  | 0.7 | 2  |
| 16 | Materials based on aluminum and iron oxides obtained by the hydrothermal method. <i>Glass Physics and Chemistry</i> , <b>2014</b> , 40, 650-656   | 0.7 | 5  |
| 15 | Synthesis and growth of nanotubes $\text{Mg}_3\text{Si}_2\text{O}_5(\text{OH},\text{F})_4$ composition under hydrothermal conditions. <i>Glass Physics and Chemistry</i> , <b>2013</b> , 39, 294-300  | 0.7 | 2  |
| 14 | Effect of carbon nanostructures on the carbonization of polyacrylonitrile. <i>Russian Journal of Applied Chemistry</i> , <b>2013</b> , 86, 1410-1416  | 0.8 | 3  |
| 13 | Influence of synthesis of physicochemical parameters on growth of $\text{Ni}_3\text{Si}_2\text{O}_5(\text{OH})_4$ nanotubes and their filling with solutions of hydroxides and chlorides of alkaline metals. <i>Glass Physics and Chemistry</i> , <b>2013</b> , 39, 67-72 | 0.7 | 5  |
| 12 | Electrooptical properties of aqueous suspensions of nickel hydrosilicate nanotubes. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , <b>2012</b> , 112, 64-71  | 0.7 | 1  |

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|----|---|-----|----|
| 11 | Interacton of chrisotyl nanotubes with water-alcohol solutons at different temperature-time parameters. <i>Glass Physics and Chemistry</i> , <b>2012</b> , 38, 122-130  | 0.7 | 4  |
| 10 | Influence of the physicochemical parameters of synthesis on the growth of nanotubes of the Mg <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> composition under hydrothermal conditions. <i>Glass Physics and Chemistry</i> , <b>2011</b> , 37, 161-171 | 0.7 | 13 |
| 9  | Regularities of the filling of Mg <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> hydrosilicate nanotubes with solutions of sodium hydroxide and sodium chloride. <i>Glass Physics and Chemistry</i> , <b>2011</b> , 37, 418-425                        | 0.7 | 9  |
| 8  | Structure and characteristics of chitosan-based fibers containing chrysotile and halloysite. <i>Polymer Science - Series A</i> , <b>2011</b> , 53, 418-423  | 1.2 | 11 |
| 7  | The synthesis and thermochemical study of (Mg,Fe) <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> nanotubes. <i>Russian Journal of Physical Chemistry A</i> , <b>2010</b> , 84, 44-47   | 0.7 | 5  |
| 6  | Polymer-inorganic nanocomposites based on aromatic polyamidoimides effective in the processes of liquids separation. <i>Russian Journal of General Chemistry</i> , <b>2010</b> , 80, 1136-1142  | 0.7 | 20 |
| 5  | Aqueous solutions of cesium salts and cesium hydroxide in hydrosilicate nanotubes of the Mg <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> composition. <i>Glass Physics and Chemistry</i> , <b>2010</b> , 36, 345-350                                 | 0.7 | 6  |
| 4  | Synthesis, mutual solubility, and thermal behavior of nanocrystals in the LaPO <sub>4</sub> -YPO <sub>4</sub> -H <sub>2</sub> O system. <i>Glass Physics and Chemistry</i> , <b>2010</b> , 36, 351-357  | 0.7 | 8  |
| 3  | Interaction of potassium chloride aqueous solution Mg <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> with the nanotubes based on magnesium hydrosilicate. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 352-355                      | 0.8 | 5  |
| 2  | Effect of heat treatment on structural-chemical transformations in magnesium hydrosilicate [Mg <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> ] nanotubes. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 2079-2086                   | 0.8 | 10 |
| 1  | Interaction of Mg <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> nanotubes with potassium hydroxide. <i>Russian Journal of Applied Chemistry</i> , <b>2008</b> , 81, 375-379   | 0.8 | 3  |