

# Yulia Shilyaeva

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6409448/publications.pdf>

Version: 2024-02-01

16  
papers

72  
citations

1937685

4  
h-index

1588992

8  
g-index

16  
all docs

16  
docs citations

16  
times ranked

88  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Melting temperature of metal polycrystalline nanowires electrochemically deposited into the pores of anodic aluminum oxide. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 19394.   | 2.8 | 14        |
| 2  | Ultrasonic spectroscopy of copolymer based P(VDF-TrFE) composites with fillers on lead zirconate titanate basis. <i>Polymer Testing</i> , 2016, 53, 211-216.  | 4.8 | 12        |
| 3  | Melting of indium, tin, and zinc nanowires embedded in the pores of anodic aluminum oxide. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 118, 937-942.   | 3.6 | 9         |
| 4  | Influence of the doping type and level on the morphology of porous Si formed by galvanic etching. <i>Semiconductors</i> , 2017, 51, 173-177.  | 0.5 | 6         |
| 5  | Bulk density of the energy of deformation in an anodic aluminum oxide with pores filled by threadlike metal nanocrystals. <i>Russian Journal of Physical Chemistry A</i> , 2013, 87, 1870-1874.   | 0.6 | 4         |
| 6  | Effect of the structure and thermoelastic properties of components on the average stress in anodic aluminum oxide having pores filled with metallic nanowires. <i>Inorganic Materials</i> , 2013, 49, 676-680.  | 0.8 | 4         |
| 7  | Peculiarities of Low-Temperature Behavior of Liquids Confined in Nanostructured Silicon-Based Material. <i>Nanomaterials</i> , 2020, 10, 2151.  | 4.1 | 4         |
| 8  | Anodic aluminium oxide templates for synthesis and study of thermal behaviour of metallic nanowires. <i>Surface and Interface Analysis</i> , 2016, 48, 934-938.   | 1.8 | 3         |
| 9  | Improved photoanode structure based on anodic titania nanotube array covered by TiO <sub>2</sub> -NPs/nanographite composite layer for ETA-cells. <i>Journal of Physics: Conference Series</i> , 2016, 741, 012100.                                     | 0.4 | 3         |
| 10 | Magnetic properties of cobaltites doped with chromium, gallium, and iron ions. <i>Physics of the Solid State</i> , 2016, 58, 293-295.   | 0.6 | 3         |
| 11 | Thermal and kinetic analyses of silicide formation at nanostructured Si/Ni interface. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 2339-2345.  | 3.6 | 3         |
| 12 | Electrochemical formation of Ag-Sn layers on copper plates. <i>Proceedings of SPIE</i> , 2014, , .  | 0.8 | 2         |
| 13 | Tailoring porous/filament silicon using the two-step Au-assisted chemical etching of p-type silicon for forming an ethanol electro-oxidation layer. <i>Nanotechnology</i> , 2022, 33, 235302.   | 2.6 | 2         |
| 14 | Predictive modeling of mechanical properties of metal filled anodic aluminum oxide. <i>Journal of Mechanics of Materials and Structures</i> , 2016, 11, 583-594.  | 0.6 | 1         |
| 15 | Electrochemical deposition of Ag-Sn alloys onto copper and titanium plates. <i>Inorganic Materials</i> , 2016, 52, 1220-1223.   | 0.8 | 1         |
| 16 | Effect of the thermoelastic properties of components on the melting point of filamentary nanoparticles of Cu, Ag, and Au in the matrix of anodic Al <sub>2</sub> O <sub>3</sub> . <i>Russian Journal of Physical Chemistry A</i> , 2017, 91, 1099-1104. | 0.6 | 1         |