

Elizaveta S Permyakova

List of Publications by Year in descending order

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Microstructure and biological properties of titanium dioxide coatings doped with bioactive and bactericidal elements. <i>Applied Surface Science</i> , 2022, 575, 151755. | 6.1 | 10 |
| 2 | Biodegradable Nanohybrid Materials as Candidates for Self-Sanitizing Filters Aimed at Protection from SARS-CoV-2 in Public Areas. <i>Molecules</i> , 2022, 27, 1333. | 3.8 | 11 |
| 3 | Ag-Contained Superabsorbent Curdlan-Chitosan Foams for Healing Wounds in a Type-2 Diabetic Mice Model. <i>Pharmaceutics</i> , 2022, 14, 724. | 4.5 | 9 |
| 4 | Plasma-coated PCL scaffolds with immobilized platelet-rich plasma enhance the wound healing in diabetics mice. <i>Plasma Processes and Polymers</i> , 2022, 19, . | 3.0 | 8 |
| 5 | Reaction Sintering of Machinable TiB ₂ -BN-C Ceramics with In-Situ Formed h-BN Nanostructure. <i>Nanomaterials</i> , 2022, 12, 1379. | 4.1 | 3 |
| 6 | Adhesion and Proliferation of Mesenchymal Stem Cells on Plasma-Coated Biodegradable Nanofibers. <i>Journal of Composites Science</i> , 2022, 6, 193. | 3.0 | 4 |
| 7 | Antibacterial activity of therapeutic agent-immobilized nanostructured TiCaPCON films against antibiotic-sensitive and antibiotic-resistant <i>Escherichia coli</i> strains. <i>Surface and Coatings Technology</i> , 2021, 405, 126538. | 4.8 | 5 |
| 8 | Ag-Doped and Antibiotic-Loaded Hexagonal Boron Nitride Nanoparticles as Promising Carriers to Fight Different Pathogens. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 23452-23468. | 8.0 | 17 |
| 9 | Different concepts for creating antibacterial yet biocompatible surfaces: Adding bactericidal element, grafting therapeutic agent through COOH plasma polymer and their combination. <i>Applied Surface Science</i> , 2021, 556, 149751. | 6.1 | 11 |
| 10 | Electrospun Biodegradable Nanofibers Coated Homogenously by Cu Magnetron Sputtering Exhibit Fast Ion Release. Computational and Experimental Study. <i>Membranes</i> , 2021, 11, 965. | 3.0 | 11 |
| 11 | Ascorbic Acid-Assisted Polyol Synthesis of Iron and Fe/GO, Fe/h-BN Composites for Pb ²⁺ Removal from Wastewaters. <i>Nanomaterials</i> , 2020, 10, 37. | 4.1 | 10 |
| 12 | Polyol Synthesis of Ag/BN Nanohybrids and their Catalytic Stability in CO Oxidation Reaction. <i>ChemCatChem</i> , 2020, 12, 1691-1698. | 3.7 | 11 |
| 13 | Pristine and Antibiotic-Loaded Nanosheets/Nanoneedles-Based Boron Nitride Films as a Promising Platform to Suppress Bacterial and Fungal Infections. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42485-42498. | 8.0 | 30 |
| 14 | New insights into synthesis of nanocrystalline hexagonal BN. <i>Ceramics International</i> , 2020, 46, 19866-19872. | 4.8 | 17 |
| 15 | XPS Modeling of Immobilized Recombinant Angiogenin and Apolipoprotein A1 on Biodegradable Nanofibers. <i>Nanomaterials</i> , 2020, 10, 879. | 4.1 | 9 |
| 16 | Ag(Pt) nanoparticles-decorated bioactive yet antibacterial Ca- and P-doped TiO ₂ coatings produced by plasma electrolytic oxidation and ion implantation. <i>Applied Surface Science</i> , 2020, 516, 146068. | 6.1 | 34 |
| 17 | TiCaPCON-Supported Pt- and Fe-Based Nanoparticles and Related Antibacterial Activity. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28699-28719. | 8.0 | 16 |
| 18 | Plasma-Coated Polycaprolactone Nanofibers with Covalently Bonded Platelet-Rich Plasma Enhance Adhesion and Growth of Human Fibroblasts. <i>Nanomaterials</i> , 2019, 9, 637. | 4.1 | 47 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Bioactive TiCaPCON-coated PCL nanofibers as a promising material for bone tissue engineering. <i>Applied Surface Science</i> , 2019, 479, 796-802. | 6.1 | 23 |
| 20 | Effect of Initial Salt Composition on Physicochemical and Structural Characteristics of Zero-Valent Iron Nanopowders Obtained by Borohydride Reduction. <i>Processes</i> , 2019, 7, 769. | 2.8 | 3 |
| 21 | Comparison of Different Approaches to Surface Functionalization of Biodegradable Polycaprolactone Scaffolds. <i>Nanomaterials</i> , 2019, 9, 1769. | 4.1 | 37 |
| 22 | Plasma Surface Polymerized and Biomarker Conjugated Boron Nitride Nanoparticles for Cancer-Specific Therapy: Experimental and Theoretical Study. <i>Nanomaterials</i> , 2019, 9, 1658. | 4.1 | 6 |
| 23 | Microstructure, chemical and biological performance of boron-modified TiCaPCON films. <i>Applied Surface Science</i> , 2019, 465, 486-497. | 6.1 | 7 |
| 24 | Structure and antibacterial properties of Ag-doped micropattern surfaces produced by photolithography method. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 719-724. | 5.0 | 12 |
| 25 | Grafting of carboxyl groups using CO ₂ /C ₂ H ₄ /Ar pulsed plasma: Theoretical modeling and XPS derivatization. <i>Applied Surface Science</i> , 2018, 435, 1220-1227. | 6.1 | 27 |
| 26 | Synthetic routes, structure and catalytic activity of Ag/BN nanoparticle hybrids toward CO oxidation reaction. <i>Journal of Catalysis</i> , 2018, 368, 217-227. | 6.2 | 18 |
| 27 | Experimental and Theoretical Study of Doxorubicin Physicochemical Interaction with BN(O) Drug Delivery Nanocarriers. <i>Journal of Physical Chemistry C</i> , 2018, 122, 26409-26418. | 3.1 | 14 |
| 28 | Antibacterial Performance of TiCaPCON Films Incorporated with Ag, Pt, and Zn: Bactericidal Ions Versus Surface Microgalvanic Interactions. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24406-24420. | 8.0 | 18 |
| 29 | Antibacterial biocompatible PCL nanofibers modified by COOH-anhydride plasma polymers and gentamicin immobilization. <i>Materials and Design</i> , 2018, 153, 60-70. | 7.0 | 54 |
| 30 | Synthesis and Characterization of Folate Conjugated Boron Nitride Nanocarriers for Targeted Drug Delivery. <i>Journal of Physical Chemistry C</i> , 2017, 121, 28096-28105. | 3.1 | 29 |
| 31 | Non-covalent anchoring of oligonucleotides on single-walled carbon nanotubes via short bioreducible linker. <i>RSC Advances</i> , 2017, 7, 29212-29217. | 3.6 | 5 |
| 32 | Immobilization of Platelet-Rich Plasma onto COOH Plasma-Coated PCL Nanofibers Boost Viability and Proliferation of Human Mesenchymal Stem Cells. <i>Polymers</i> , 2017, 9, 736. | 4.5 | 35 |