

# Denis V Voronin

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

506  
citations

840776

11  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

620  
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vitro and in Vivo Visualization and Trapping of Fluorescent Magnetic Microcapsules in a Bloodstream. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 6885-6893.	8.0	102
2	Naturally derived nano- and micro-drug delivery vehicles: halloysite, vaterite and nanocellulose. <i>New Journal of Chemistry</i> , 2020, 44, 5638-5655.	2.8	72
3	High-efficiency freezing-induced loading of inorganic nanoparticles and proteins into micron- and submicron-sized porous particles. <i>Scientific Reports</i> , 2018, 8, 17763.	3.3	58
4	Inorganic/Organic Multilayer Capsule Composition for Improved Functionality and External Triggering. <i>Advanced Materials Interfaces</i> , 2017, 4, 1600338.	3.7	53
5	Mesoporous additive-free vaterite CaCO <sub>3</sub> crystals of untypical sizes: From submicron to Giant. <i>Materials and Design</i> , 2021, 197, 109220.	7.0	34
6	Focused ultrasound-mediated fluorescence of composite microcapsules loaded with magnetite nanoparticles: In vitro and in vivo study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 680-687.	5.0	31
7	Detection of Rare Objects by Flow Cytometry: Imaging, Cell Sorting, and Deep Learning Approaches. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2323.	4.1	31
8	Effect of Systemic Polyelectrolyte Microcapsule Administration on the Blood Flow Dynamics of Vital Organs. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 389-397.	5.2	23
9	Clay Composites for Thermal Energy Storage: A Review. <i>Molecules</i> , 2020, 25, 1504.	3.8	23
10	Facile synthesis of shape-stable phase-change composites <i>via</i> the adsorption of stearic acid onto cellulose microfibrils. <i>Materials Chemistry Frontiers</i> , 2022, 6, 1033-1045.	5.9	14
11	Freezing-Induced Loading of TiO <sub>2</sub> into Porous Vaterite Microparticles: Preparation of CaCO <sub>3</sub> /TiO <sub>2</sub> Composites as Templates To Assemble UV-Responsive Microcapsules for Wastewater Treatment. <i>ACS Omega</i> , 2020, 5, 4115-4124.	3.5	13
12	Highly-magnetic mineral protein-tannin vehicles with anti-breast cancer activity. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2007-2018.	5.9	13
13	Nonuniform Growth of Composite Layer-by-Layer Assembled Coatings via Three-Dimensional Expansion of Hydrophobic Magnetite Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 28353-28360.	8.0	8
14	Disruption of Polymer and Composite Microcapsule Shells under High-Intensity Focused Ultrasound. <i>Colloid Journal</i> , 2018, 80, 771-782.	1.3	6
15	Studying the spectra of thermal magnons in composite materials with embedded magnetite nanoparticles using Brillouin light-scattering spectroscopy. <i>Technical Physics Letters</i> , 2013, 39, 715-718.	0.7	5
16	Freezing-induced loading of Au nanoparticles into halloysite nanotubes. <i>Materials Letters</i> , 2021, 291, 129506.	2.6	5
17	Key Points in Remote-Controlled Drug Delivery: From the Carrier Design to Clinical Trials. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9149.	4.1	5
18	Effect of Surface Functionalization of Metal Wire on Electrophysical Properties of Inductive Elements. <i>Langmuir</i> , 2012, 28, 12275-12281.	3.5	4

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19	Degradation of Hybrid Drug Delivery Carriers with a Mineral Core and a Protein-Tannin Shell under Proteolytic Hydrolases. <i>Biomimetics</i> , 2022, 7, 61.	3.3	4
20	Ag-Modified microfibrillar cellulose as support in composite phase change materials with enhanced thermal transfer properties. <i>Materials Letters</i> , 2022, 308, 131173.	2.6	2