

Polina A Demina

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

255
citations

1040056

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940533

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all docs

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docs citations

21
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Synthesis and morphology of anatase and $\hat{\text{T}}\text{-TiO}_2$ nanoparticles. <i>Inorganic Materials</i> , 2011, 47, 489-494.	0.8	17
4	Preparation of pickering-emulsion-based capsules with shells composed of titanium dioxide nanoparticles and polyelectrolyte layers. <i>Colloid Journal</i> , 2017, 79, 198-203.	1.3	17
5	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
6	Freezing-Induced Loading of TiO_2 into Porous Vaterite Microparticles: Preparation of $\text{CaCO}_3/\text{TiO}_2$ Composites as Templates To Assemble UV-Responsive Microcapsules for Wastewater Treatment. <i>ACS Omega</i> , 2020, 5, 4115-4124.	3.5	13
7	Highly-magnetic mineral protein-tannin vehicles with anti-breast cancer activity. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2007-2018.	5.9	13
8	Novel type of hollow hydrogel microspheres with magnetite and silver nanoparticles. <i>Materials Science and Engineering C</i> , 2019, 98, 1114-1121.	7.3	10
9	Impact of fluorescent dyes on the physicochemical parameters of microbubbles stabilized by albumin-dye complex. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 647, 129095.	4.7	10
10	Composition, microstructure, and properties of anatase and $\hat{\text{T}}\text{-TiO}_2$ nanoparticles. <i>Inorganic Materials</i> , 2011, 47, 753-758.	0.8	9
11	Adsorption ability of samples with nanoscale anatase to extract Nb(V) and Ta(V) ions from aqueous media. <i>Crystallography Reports</i> , 2014, 59, 430-436.	0.6	9
12	Composite multilayer films based on polyelectrolytes and in situ $\hat{\text{T}}$ -formed carbon nanostructures with enhanced photoluminescence and conductivity properties. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47718.	2.6	9
13	Fluorescent Convertible Capsule Coding Systems for Individual Cell Labeling and Tracking. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19701-19709.	8.0	8
14	Site-specific release of reactive oxygen species from ordered arrays of microchambers based on polylactic acid and carbon nanodots. <i>Journal of Materials Chemistry B</i> , 2020, 8, 7977-7986.	5.8	7
15	Synthesis, characterization and adsorption behavior of Mo(VI) and W(VI) ions on titanium dioxide nanoparticles containing anatase modification. <i>Applied Nanoscience (Switzerland)</i> , 2014, 4, 979-987.	3.1	6
16	Pickering Emulsion Stabilized by Commercial Titanium Dioxide Nanoparticles in the Form of Rutile and Anatase. <i>Nanotechnologies in Russia</i> , 2018, 13, 425-429.	0.7	6
17	Fabrication and photoluminescent properties of Tb^{3+} doped carbon nanodots. <i>Scientific Reports</i> , 2018, 8, 16301.	3.3	6
18	Freezing-induced loading of Au nanoparticles into halloysite nanotubes. <i>Materials Letters</i> , 2021, 291, 129506.	2.6	5

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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	Polyelectrolyte Parg/DS submicrocapsules functionalized by magnetite nanoparticles as effective MR contrast agents. <i>Journal of Physics: Conference Series</i> , 2018, 1092, 012067.	0.4	3
21	Bifunctional luminescent-magnetic composite particles synthesis. <i>Materials Letters</i> , 2022, 314, 131831.	2.6	0