

Ekaterina S Prikhozhenko

List of Publications by Year in descending order

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all docs

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docs citations

33
times ranked

724
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving <sc>SERS</sc> bioimaging of subcutaneous phantom in vivo with optical clearing. Journal of Biophotonics, 2022, 15, e202100281.	1.1	4
2	CaCO ₃ -based carriers with prolonged release properties for antifungal drug delivery to hair follicles. Biomaterials Science, 2022, 10, 3323-3345.	2.6	5
3	Degradation of Hybrid Drug Delivery Carriers with a Mineral Core and a Proteinâ€Tannin Shell under Proteolytic Hydrolases. Biomimetics, 2022, 7, 61.	1.5	4
4	Impact of fluorescent dyes on the physicochemical parameters of microbubbles stabilized by albumin-dye complex. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 647, 129095.	2.3	10
5	Renal Artery Catheterization for Microcapsulesâ€™ Targeted Delivery to the Mouse Kidney. Pharmaceutics, 2022, 14, 1056.	2.0	5
6	WPI Hydrogels with a Prolonged Drug-Release Profile for Antimicrobial Therapy. Pharmaceutics, 2022, 14, 1199.	2.0	3
7	Target delivery of drug carriers in mice kidney glomeruli via renal artery. Balance between efficiency and safety. Journal of Controlled Release, 2021, 329, 175-190.	4.8	20
8	Dynamic blood flow phantom for in vivo liquid biopsy standardization. Scientific Reports, 2021, 11, 1185.	1.6	3
9	Air-Filled Bubbles Stabilized by Gold Nanoparticle/Photodynamic Dye Hybrid Structures for Theranostics. Nanomaterials, 2021, 11, 415.	1.9	18
10	Fluorescent Convertible Capsule Coding Systems for Individual Cell Labeling and Tracking. ACS Applied Materials & Interfaces, 2021, 13, 19701-19709.	4.0	8
11	Optical coherence microangiography of the mouse kidney for diagnosis of circulatory disorders. Biomedical Optics Express, 2021, 12, 4467.	1.5	6
12	Patterned Drug-Eluting Coatings for Tracheal Stents Based on PLA, PLGA, and PCL for the Granulation Formation Reduction: In Vivo Studies. Pharmaceutics, 2021, 13, 1437.	2.0	19
13	Air-Filled Microbubbles Based on Albumin Functionalized with Gold Nanocages and Zinc Phthalocyanine for Multimodal Imaging. Micromachines, 2021, 12, 1161.	1.4	15
14	Lightsheet-based flow cytometer for whole blood with the ability for the magnetic retrieval of objects from the blood flow. Biomedical Optics Express, 2021, 12, 380.	1.5	9
15	Live Cell Poration by Au Nanostars to Probe Intracellular Molecular Composition with SERS. Nanomaterials, 2021, 11, 2588.	1.9	6
16	Effect of Size on Magnetic Polyelectrolyte Microcapsules Behavior: Biodistribution, Circulation Time, Interactions with Blood Cells and Immune System. Pharmaceutics, 2021, 13, 2147.	2.0	8
17	Properties of Films Based on Nanosize and Submicrometer InSb Particles Passivated with CdS. Technical Physics Letters, 2020, 46, 1000-1003.	0.2	0
18	Hybrid functional materials for tissue engineering: synthesis, in vivo drug release and SERS effect. Journal of Physics: Conference Series, 2020, 1461, 012150.	0.3	3

#	ARTICLE	IF	CITATIONS
19	Cells-Grab-on Particles: A Novel Approach to Control Cell Focal Adhesion on Hybrid Thermally Annealed Hydrogels. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3933-3944.	2.6	31
20	Composite multilayer films based on polyelectrolytes and in situ α -formed carbon nanostructures with enhanced photoluminescence and conductivity properties. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47718.	1.3	9
21	Polycaprolactone-Based, Porous CaCO ₃ and Ag Nanoparticle Modified Scaffolds as a SERS Platform With Molecule-Specific Adsorption. <i>Frontiers in Chemistry</i> , 2019, 7, 888.	1.8	16
22	Flexible surface-enhanced Raman scattering-active substrates based on nanofibrous membranes. <i>Nano Research</i> , 2018, 11, 4468-4488.	5.8	40
23	Dispersion of optical and structural properties in gel column separated carbon nanoparticles. <i>Carbon</i> , 2018, 127, 541-547.	5.4	21
24	Carbon dot aggregates as an alternative to gold nanoparticles for the laser-induced opening of microchamber arrays. <i>Soft Matter</i> , 2018, 14, 9012-9019.	1.2	19
25	Solvothermal synthesis of hydrophobic carbon dots in reversed micelles. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	0.8	10
26	Precise control of distance between plasmonic surface-enhanced Raman scattering substrate and analyte molecules with polyelectrolyte layers. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 1581-1593.	1.2	4
27	Optical monitoring of adipose tissue destruction under encapsulated lipase action. <i>Journal of Biophotonics</i> , 2018, 11, e201800058.	1.1	10
28	Thermal carbonization in nanoscale reactors: controlled formation of carbon nanodots inside porous CaCO ₃ microparticles. <i>Scientific Reports</i> , 2018, 8, 9394.	1.6	10
29	Luminescent carbon nanoparticles: synthesis, methods of investigation, applications. <i>Russian Chemical Reviews</i> , 2017, 86, 1157-1171.	2.5	30
30	New post-processing method of preparing nanofibrous SERS substrates with a high density of silver nanoparticles. <i>RSC Advances</i> , 2016, 6, 84505-84511.	1.7	18
31	Biocompatible Chitosan Nanofibers Functionalized with Silver Nanoparticles for SERS Based Detection. <i>Acta Physica Polonica A</i> , 2016, 129, 247-249.	0.2	11
32	Nanoplasmonic Chitosan Nanofibers as Effective SERS Substrate for Detection of Small Molecules. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15466-15473.	4.0	83
33	Effect of Surface Modification of Multifunctional Nanocomposite Drug Delivery Carriers with DARPIn on Their Biodistribution <i>In Vitro</i> and <i>In Vivo</i> . <i>ACS Applied Bio Materials</i> , 0, , .	2.3	6