

Alexandra G Pershina

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

279
citations

933447

10
h-index

940533

16
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18
all docs

18
docs citations

18
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	SERS and advanced chemometrics " Utilization of Siamese neural network for picomolar identification of beta-lactam antibiotics resistance gene fragment. <i>Analytica Chimica Acta</i> , 2022, 1192, 339373.	5.4	13
2	Magnetoactive electrospun hybrid scaffolds based on poly(vinylidene fluoride-co-trifluoroethylene) and magnetite particles with varied sizes. <i>Polymer Engineering and Science</i> , 2022, 62, 1593-1607.	3.1	7
3	Variation in tumor pH affects pH-triggered delivery of peptide-modified magnetic nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 32, 102317.	3.3	16
4	Smart Design of a pH-Responsive System Based on pH-LIP-Modified Magnetite Nanoparticles for Tumor MRI. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 36800-36815.	8.0	24
5	Silica coating of Fe ₃ O ₄ magnetic nanoparticles with PMIDA assistance to increase the surface area and enhance peptide immobilization efficiency. <i>Ceramics International</i> , 2021, 47, 23078-23087.	4.8	13
6	pH-triggered delivery of magnetic nanoparticles depends on tumor volume. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 23, 102086.	3.3	18
7	Supporting data and methods for the characterization of iron oxide nanoparticles conjugated with pH-(low)-insertion peptide, testing their cytotoxicity and analyses of biodistribution in SCID mice bearing MDA-MB231 tumor. <i>Data in Brief</i> , 2020, 29, 105062.	1.0	9
8	Tissue-Specific Ferritin- and GFP-Based Genetic Vectors Visualize Neurons by MRI in the Intact and Post-Ischemic Rat Brain. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8951.	4.1	5
9	Imbalance in the glutathione system in <i>Opisthorchis felinus</i> infected liver promotes hepatic fibrosis. <i>Acta Tropica</i> , 2019, 192, 41-48.	2.0	4
10	Immobilization of a pH-low insertion peptide onto SiO ₂ /aminosilane-coated magnetite nanoparticles. <i>Mendeleev Communications</i> , 2019, 29, 631-634.	1.6	13
11	Hemozoin From the Liver Fluke, <i>Opisthorchis felinus</i> , Modulates Dendritic Cell Responses in Bronchial Asthma Patients. <i>Frontiers in Veterinary Science</i> , 2019, 6, 332.	2.2	5
12	Express and portable label-free DNA detection and recognition with SERS platform based on functional Au grating. <i>Applied Surface Science</i> , 2019, 470, 219-227.	6.1	36
13	PMIDA-Modified Fe ₃ O ₄ Magnetic Nanoparticles: Synthesis and Application for Liver MRI. <i>Langmuir</i> , 2018, 34, 3449-3458.	3.5	42
14	Production of the recombinant antimicrobial peptide UBI 18-35 in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2018, 143, 38-44.	1.3	12
15	Nitro-imidazoles in ferrocenyl alkylation reaction. Synthesis, enantiomeric resolution and in vitro and in vivo bioeffects. <i>Journal of Organometallic Chemistry</i> , 2018, 871, 10-20.	1.8	7
16	Magnetic resonance imaging and spectroscopy for differential assessment of liver abnormalities induced by <i>Opisthorchis felinus</i> in an animal model. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005778.	3.0	8
17	3-Aminopropylsilane-modified iron oxide nanoparticles for contrast-enhanced magnetic resonance imaging of liver lesions induced by <i>Opisthorchis felinus</i> . <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4451-4463.	6.7	32
18	Hemozoin "knobs" in <i>Opisthorchis felinus</i> infected liver. <i>Parasites and Vectors</i> , 2015, 8, 459.	2.5	15