Alexandra G Pershina

List of Publications by Year
in descending order

18	279	933447 10	940533 16
papers	citations	h-index	g-index

18	18	18	305
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PMIDA-Modified Fe₃O₄ Magnetic Nanoparticles: Synthesis and Application for Liver MRI. Langmuir, 2018, 34, 3449-3458.	3.5	42
2	Express and portable label-free DNA detection and recognition with SERS platform based on functional Au grating. Applied Surface Science, 2019, 470, 219-227.	6.1	36
3	3-Aminopropylsilane-modified iron oxide nanoparticles for contrast-enhanced magnetic resonance imaging of liver lesions induced by Opisthorchis felineus. International Journal of Nanomedicine, 2016, Volume 11, 4451-4463.	6.7	32
4	Smart Design of a pH-Responsive System Based on pHLIP-Modified Magnetite Nanoparticles for Tumor MRI. ACS Applied Materials & Interfaces, 2021, 13, 36800-36815.	8.0	24
5	pH-triggered delivery of magnetic nanoparticles depends on tumor volume. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 23, 102086.	3.3	18
6	Variation in tumor pH affects pH-triggered delivery of peptide-modified magnetic nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 32, 102317.	3.3	16
7	Hemozoin â€œknobsâ€•in Opisthorchis felineus infected liver. Parasites and Vectors, 2015, 8, 459.	2.5	15
8	Immobilization of a pH-low insertion peptide onto SiO2/aminosilane-coated magnetite nanoparticles. Mendeleev Communications, 2019, 29, 631-634.	1.6	13
9	Silica coating of Fe3O4 magnetic nanoparticles with PMIDA assistance to increase the surface area and enhance peptide immobilization efficiency. Ceramics International, 2021, 47, 23078-23087.	4.8	13
10	SERS and advanced chemometrics â€“ Utilization of Siamese neural network for picomolar identification of beta-lactam antibiotics resistance gene fragment. Analytica Chimica Acta, 2022, 1192, 339373.	5.4	13
11	Production of the recombinant antimicrobial peptide UBI 18-35 in Escherichia coli. Protein Expression and Purification, 2018, 143, 38-44.	1.3	12
12	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. Data in Brief, 2020, 29, 105062.	1.0	9
13	Magnetic resonance imaging and spectroscopy for differential assessment of liver abnormalities induced by Opisthorchis felineus in an animal model. PLoS Neglected Tropical Diseases, 2017, 11, e0005778.	3.0	8
14	Nitro-imidazoles in ferrocenyl alkylation reaction. Synthesis, enantiomeric resolution and inÂvitro and inÂvivo bioeffects. Journal of Organometallic Chemistry, 2018, 871, 10-20.	1.8	7
15	Magnetoactive electrospun hybrid scaffolds based on poly(vinylidene fluorideâ€coâ€trifluoroethylene) and magnetite particles with varied sizes. Polymer Engineering and Science, 2022, 62, 1593-1607.	3.1	7
16	Hemozoin From the Liver Fluke, Opisthorchis felineus, Modulates Dendritic Cell Responses in Bronchial Asthma Patients. Frontiers in Veterinary Science, 2019, 6, 332.	2.2	5
17	Tissue-Specific Ferritin- and GFP-Based Genetic Vectors Visualize Neurons by MRI in the Intact and Post-Ischemic Rat Brain. International Journal of Molecular Sciences, 2020, 21, 8951.	4.1	5
18	Imbalance in the glutathione system in Opisthorchis felineus infected liver promotes hepatic fibrosis. Acta Tropica, 2019, 192, 41-48.	2.0	4