

Stepan S Vodopyanov

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

349
citations

1040056

9
h-index

940533

16
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18
all docs

18
docs citations

18
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vitro and In Vivo Electrochemical Measurement of Reactive Oxygen Species After Treatment with Anticancer Drugs. <i>Analytical Chemistry</i> , 2020, 92, 8010-8014.	6.5	58
2	Temperature-controlled magnetic nanoparticles hyperthermia inhibits primary tumor growth and metastases dissemination. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 25, 102171.	3.3	53
3	Intravital microscopy reveals a novel mechanism of nanoparticles excretion in kidney. <i>Journal of Controlled Release</i> , 2019, 307, 368-378.	9.9	40
4	Extravasating Neutrophils Open Vascular Barrier and Improve Liposomes Delivery to Tumors. <i>ACS Nano</i> , 2019, 13, 12599-12612.	14.6	39
5	Neutrophil-mediated transport is crucial for delivery of short-circulating magnetic nanoparticles to tumors. <i>Acta Biomaterialia</i> , 2020, 104, 176-187.	8.3	32
6	Synthesis and characterization of bacteriochlorin loaded magnetic nanoparticles (MNP) for personalized MRI guided photosensitizers delivery to tumor. <i>Journal of Colloid and Interface Science</i> , 2019, 537, 132-141.	9.4	30
7	Pt(IV) Prodrugs with Non-Steroidal Anti-inflammatory Drugs in the Axial Position. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 8227-8244.	6.4	21
8	Non-magnetic shell coating of magnetic nanoparticles as key factor of toxicity for cancer cells in a low frequency alternating magnetic field. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111931.	5.0	16
9	HSA-Coated Magnetic Nanoparticles for MRI-Guided Photodynamic Cancer Therapy. <i>Pharmaceutics</i> , 2018, 10, 284.	4.5	15
10	Intravital imaging of liposome behavior upon repeated administration: A step towards the development of liposomal companion diagnostic for cancer nanotherapy. <i>Journal of Controlled Release</i> , 2021, 330, 244-256.	9.9	11
11	Encapsulin Based Self-Assembling Iron-Containing Protein Nanoparticles for Stem Cells MRI Visualization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12275.	4.1	10
12	Preparation and Testing of Cells Expressing Fluorescent Proteins for Intravital Imaging of Tumor Microenvironment. <i>Bulletin of Experimental Biology and Medicine</i> , 2019, 167, 123-130.	0.8	6
13	Ultrastructure of cerebral eyes in Oweniidae and Chaetopteridae (Annelida) – implications for the evolution of eyes in Annelida. <i>Zoological Letters</i> , 2022, 8, 3.	1.3	6
14	Fine structure of the cerebral eyes in <i>Flabelligera affinis</i> (Annelida, Sedentaria, Cirratuliformia): new data prove the existence of typical converse annelid multicellular eyes in a sedentary polychaete. <i>Zoomorphology</i> , 2017, 136, 307-325.	0.8	5
15	New Approach to Non-Invasive Tumor Model Monitoring via Self-Assemble Iron Containing Protein Nanocompartments. <i>Nanomaterials</i> , 2022, 12, 1657.	4.1	4
16	The fine structure of epidermal papillae of <i>Travisia forbesii</i> (Annelida). <i>Zoomorphology</i> , 2014, 133, 7-19.	0.8	3
17	Study of the contrasting effectiveness of various tumors types using cubic magnetite nanoparticles. <i>Bulletin of Siberian Medicine</i> , 2018, 17, 139-148.	0.3	0
18	Liposomal Form of 2,4-Dinitrophenol Lipophilic Derivatives as a Promising Therapeutic Agent for ATP Synthesis Inhibition. <i>Nanomaterials</i> , 2022, 12, 2162.	4.1	0