

Dmitriy A Serov

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

490
citations

1040056

9
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

330
citing authors

#	ARTICLE	IF	CITATIONS
1	A Mini Review of Antibacterial Properties of ZnO Nanoparticles. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	233
2	Do Iron Oxide Nanoparticles Have Significant Antibacterial Properties?. <i>Antibiotics</i> , 2021, 10, 884.	3.7	143
3	A Novel Biodegradable Composite Polymer Material Based on PLGA and Silver Oxide Nanoparticles with Unique Physicochemical Properties and Biocompatibility with Mammalian Cells. <i>Materials</i> , 2021, 14, 6915.	2.9	13
4	Anesthesia effects on the low frequency blood flow oscillations in mouse skin. <i>Skin Research and Technology</i> , 2019, 25, 40-46.	1.6	12
5	Effect of the MPT Pore Inhibitor Alisporivir on the Development of Mitochondrial Dysfunction in the Heart Tissue of Diabetic Mice. <i>Biology</i> , 2021, 10, 839.	2.8	12
6	Analysis of Acoustic Signals During the Optical Breakdown of Aqueous Solutions of Fe Nanoparticles. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	11
7	Effect of the Non-Immunosuppressive MPT Pore Inhibitor Alisporivir on the Functioning of Heart Mitochondria in Dystrophin-Deficient mdx Mice. <i>Biomedicines</i> , 2021, 9, 1232.	3.2	11
8	Genotoxic effects of <i>Heracleum sosnowskyi</i> in the <i>Allium cepa</i> test. <i>Caryologia</i> , 2017, 70, 55-61.	0.3	10
9	$1 \pm 9 \times 10^9$ nicotinic acetylcholine receptors regulate murine bone marrow granulocyte functions. <i>Immunobiology</i> , 2021, 226, 152047.	1.9	9
10	Dynamics of antagonistic potency of <i>Rhodobacter capsulatus</i> PG lipopolysaccharide against endotoxin-induced effects. <i>Biochemistry (Moscow)</i> , 2016, 81, 275-283.	1.5	8
11	Calcium activity in response to nAChR ligands in murine bone marrow granulocytes with different $\text{Gr}\beta 1$ expression. <i>Cell Biology International</i> , 2021, 45, 1533-1545.	3.0	7
12	The Application of Terahertz Time-Domain Spectroscopy to Identification of Potato Late Blight and Fusariosis. <i>Pathogens</i> , 2021, 10, 1336.	2.8	6
13	Low-frequency oscillations of murine skin microcirculations and periodic changes of $[\text{Ca}^{2+}]_{\text{sub}}$ and $[\text{NO}]_{\text{sub}}$ levels in murine endotheliocytes: An effect of provocative tests. <i>Cell Biology International</i> , 2022, 46, 427-442.	3.0	4
14	Interaction of $1 \pm 9 \times 10^9$ Nicotinic Receptors With Peptides and Proteins From Animal Venoms. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 765541.	3.7	4
15	Alisporivir Normalizes Mitochondrial Function of Primary Mouse Lung Endothelial Cells Under Conditions of Hyperglycemia. <i>Biochemistry (Moscow)</i> , 2022, 87, 605-616.	1.5	3
16	A Study of the Oscillatory Components of the Skin Microhemodynamics in Mice by Laser Doppler Flowmetry. <i>Biophysics (Russian Federation)</i> , 2018, 63, 122-125.	0.7	2
17	The Influence of Exogenous ATP on Functional Responses of Murine Bone Marrow Granulocytes. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2020, 14, 34-43.	0.6	2
18	Artifacts Arising from Using Leukocytic Fc Receptor Blocking Buffer. <i>Bulletin of Experimental Biology and Medicine</i> , 2016, 162, 244-247.	0.8	0

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19	INFLUENCE OF THERAPY UPON LPS-INDUCED CYTOKINE SECRETION BY THE BLOOD-DERIVED INNATE IMMUNITY CELLS OF THE BRONCHIAL ASTHMA PATIENTS. <i>Medical Immunology (Russia)</i> , 2019, 21, 789-796.	0.4	0