

Alexey N Ivanov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The effect of different sizes of cross-linked fibers of biodegradable electrospun poly(ϵ -caprolactone) scaffolds on osteogenic behavior in a rat model in vivo. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	8
2	Electrospun composites of poly-3-hydroxybutyrate reinforced with conductive fillers for in vivo bone regeneration. <i>Open Ceramics</i> , 2022, 9, 100237.	2.0	7
3	Biocompatibility of Polycaprolactone Scaffold Providing Targeting Delivery of Alkaline Phosphatase. <i>Cell and Tissue Biology</i> , 2021, 15, 301-309.	0.4	2
4	Influence of the new formulation based on silver alginate microcapsules loaded with tannic acid on the microcirculation of the experimental periodontitis in rats. <i>Materials Science and Engineering C</i> , 2021, 126, 112144.	7.3	16
5	Effect of electric field pulses on the suspension of microcontainers based on organic polymer and magnetite nanoparticles. <i>Izvestiya of Saratov University, New Series: Physics</i> , 2021, 21, 206-212.	0.1	0
6	Effect of liraglutide on microcirculation in rat model with absolute insulin deficiency. <i>Microvascular Research</i> , 2021, 138, 104206.	2.5	2
7	Osteogenic Capability of Vaterite-Coated Nonwoven Polycaprolactone Scaffolds for In Vivo Bone Tissue Regeneration. <i>Macromolecular Bioscience</i> , 2021, 21, e2100266.	4.1	21
8	Diabetic Nephropathy – possibilities of early laboratory diagnostics and course prediction (review of) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	0.5	3
9	Effect of liraglutide dose on efficacy of correcting microcirculatory disorders in absolute insulin deficiency of albino rats. <i>Saratov Medical Journal</i> , 2021, 2, .	0.1	0
10	Effect Of Local Modulation In Enzymatic Homeostasis On Bone Turnover Marker Dynamics In Blood At Substituting Femur Defects With Vaterite Scaffolds. <i>Russian Open Medical Journal</i> , 2020, 9, .	0.3	1
11	Laser Doppler flowmetry in assessing the distant stimulating effect by autotransplantation of skin flap on microcirculation. , 2020, , .		0
12	Particularities of Bone Regeneration in Rats after Implantation of Polycaprolactone Scaffold Mineralized with Vaterite with Adsorbed Tannic Acid. <i>Bulletin of Experimental Biology and Medicine</i> , 2019, 167, 275-278.	0.8	5
13	New Approaches to Scaffold Biocompatibility Assessment. <i>BioNanoScience</i> , 2019, 9, 395-405.	3.5	7
14	Hybrid PCL/CaCO ₃ scaffolds with capabilities of carrying biologically active molecules: Synthesis, loading and in vivo applications. <i>Materials Science and Engineering C</i> , 2018, 85, 57-67.	7.3	48
15	Influence of the electrolyte's pH on the properties of electrochemically deposited hydroxyapatite coating on additively manufactured Ti64 alloy. <i>Scientific Reports</i> , 2017, 7, 16819.	3.3	49
16	Biocompatibility of polycaprolactone and hydroxyapatite matrices in vivo. <i>Cell and Tissue Biology</i> , 2015, 9, 422-429.	0.4	4
17	Changes in Activity of Stress-Realizing Body Systems as a Result of Terahertz Irradiation at Nitric Oxide Frequencies in Albino Rats under Conditions of Acute Stress. <i>Bulletin of Experimental Biology and Medicine</i> , 2013, 154, 309-311.	0.8	1
18	Correction of disorders in tissue perfusion, blood coagulation and fibrinolysis with Orbita apparatus on terahertz waves of cell metabolites. <i>Russian Open Medical Journal</i> , 2013, 2, 0102.	0.3	0

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19	Regulatory effects of terahertz waves. Russian Open Medical Journal, 2013, 2, 0402.	0.3	3
20	Hemodynamic changes caused by exposure of animals with acute immobilization stress to continuous terahertz radiation with frequencies equal to absorption and emission frequencies of nitrogen oxide and atmospheric oxygen. Russian Open Medical Journal, 2012, 1, 0303.	0.3	0
21	Hemodynamic Changes Induced by Preventive Exposure to Terahertz Radiation at a Frequency Range Corresponding to Molecular Emission and Absorption Spectrum of Nitric Oxide in Animals under Conditions of Acute Stress. Bulletin of Experimental Biology and Medicine, 2011, 151, 186-189.	0.8	2
22	Correction of Microcirculatory Disturbances with Terahertz Electromagnetic Radiation at Nitric Oxide Frequencies in Albino Rats under Conditions of Acute Stress. Bulletin of Experimental Biology and Medicine, 2011, 151, 288-291.	0.8	10
23	Use of the Orbita Apparatus for Correction of Prolonged Disorders of Tissue Perfusion. Bio-Medical Engineering, 2011, 45, 110-113.	0.5	1
24	Effect of Terahertz Electromagnetic Irradiation at Nitric Oxide Frequencies on Concentration of Nitrites in Blood Serum of Albino Rats under Conditions of Immobilization Stress. Bulletin of Experimental Biology and Medicine, 2010, 149, 174-176.	0.8	10
25	Sex-specific differences in changes of disturbed functional activity of platelets in albino rats under the effect of terahertz electromagnetic radiation at nitric oxide frequencies. Bulletin of Experimental Biology and Medicine, 2008, 145, 75-77.	0.8	25
26	Experimental model of acute ischemia of the retina in rats. Bulletin of Experimental Biology and Medicine, 2008, 145, 688-691.	0.8	12
27	Influence of gold nanoparticles on platelets functional activity in vitro. Proceedings of SPIE, 2008, , .	0.8	2
28	Nitrites are able to dilate vessels in hypoxia and protect retina from ischemia. Doklady Biochemistry and Biophysics, 2007, 417, 311-312.	0.9	0
29	Electromagnetic irradiation of the terahertz diapason at nitric oxide frequencies for correction and prevention of disturbances of platelet functional activity in white rats during long-term stress. Cell and Tissue Biology, 2007, 1, 357-363.	0.4	5