

# Alexey N Ivanov

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

268  
citations

1040056

9  
h-index

940533

16  
g-index

32  
all docs

32  
docs citations

32  
times ranked

328  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Hybrid PCL/CaCO <sub>3</sub> 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
3	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. <i>Bulletin of Experimental Biology and Medicine</i> , 2008, 145, 75-77.	0.8	25
4	Osteogenic Capability of Vaterite-Coated Nonwoven Polycaprolactone Scaffolds for In Vivo Bone Tissue Regeneration. <i>Macromolecular Bioscience</i> , 2021, 21, e2100266.	4.1	21
5	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
6	Experimental model of acute ischemia of the retina in rats. <i>Bulletin of Experimental Biology and Medicine</i> , 2008, 145, 688-691.	0.8	12
7	Effect of Terahertz Electromagnetic Irradiation at Nitric Oxide Frequencies on Concentration of Nitrites in Blood Serum of Albino Rats under Conditions of Immobilization Stress. <i>Bulletin of Experimental Biology and Medicine</i> , 2010, 149, 174-176.	0.8	10
8	Correction of Microcirculatory Disturbances with Terahertz Electromagnetic Radiation at Nitric Oxide Frequencies in Albino Rats under Conditions of Acute Stress. <i>Bulletin of Experimental Biology and Medicine</i> , 2011, 151, 288-291.	0.8	10
9	The effect of different sizes of cross-linked fibers of biodegradable electrospun poly( $\epsilon$ -caprolactone) scaffolds on osteogenic behavior in a rat model in vivo. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	8
10	New Approaches to Scaffold Biocompatibility Assessment. <i>BioNanoScience</i> , 2019, 9, 395-405.	3.5	7
11	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
12	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. <i>Cell and Tissue Biology</i> , 2007, 1, 357-363.	0.4	5
13	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
14	Biocompatibility of polycaprolactone and hydroxyapatite matrices in vivo. <i>Cell and Tissue Biology</i> , 2015, 9, 422-429.	0.4	4
15	Diabetic Nephropathy – possibilities of early laboratory diagnostics and course prediction (review of) <a href="#">Tj ETQq1 1 0,784314,rgBT /Over</a>	0,5	3
16	Regulatory effects of terahertz waves. <i>Russian Open Medical Journal</i> , 2013, 2, 0402.	0.3	3
17	Influence of gold nanoparticles on platelets functional activity in vitro. <i>Proceedings of SPIE</i> , 2008, , .	0.8	2
18	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. <i>Bulletin of Experimental Biology and Medicine</i> , 2011, 151, 186-189.	0.8	2

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19	Biocompatibility of Polycaprolactone Scaffold Providing Targeting Delivery of Alkaline Phosphatase. <i>Cell and Tissue Biology</i> , 2021, 15, 301-309.	0.4	2
20	Effect of liraglutide on microcirculation in rat model with absolute insulin deficiency. <i>Microvascular Research</i> , 2021, 138, 104206.	2.5	2
21	Use of the Orbita Apparatus for Correction of Prolonged Disorders of Tissue Perfusion. <i>Bio-Medical Engineering</i> , 2011, 45, 110-113.	0.5	1
22	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
23	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
24	Nitrites are able to dilate vessels in hypoxia and protect retina from ischemia. <i>Doklady Biochemistry and Biophysics</i> , 2007, 417, 311-312.	0.9	0
25	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
26	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. <i>Russian Open Medical Journal</i> , 2012, 1, 0303.	0.3	0
27	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
28	Laser Doppler flowmetry in assessing the distant stimulating effect by autotransplantation of skin flap on microcirculation. , 2020, , .		0
29	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