

Anatoliy Goltsev

List of Publications by Year in descending order

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papers

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1040056

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497
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#	ARTICLE	IF	CITATIONS
1	Dimethyl sulfoxide: a central player since the dawn of cryobiology, is efficacy balanced by toxicity?. <i>Regenerative Medicine</i> , 2020, 15, 1463-1491.	1.7	118
2	Application of Cryopreserved Fibroblast Culture with Au Nanoparticles to Treat Burns. <i>Nanoscale Research Letters</i> , 2016, 11, 22.	5.7	57
3	Influence of temperature fluctuations during cryopreservation on vital parameters, differentiation potential, and transgene expression of placental multipotent stromal cells. <i>Stem Cell Research and Therapy</i> , 2017, 8, 66.	5.5	31
4	Towards biobanking technologies for natural and bioengineered multicellular placental constructs. <i>Biomaterials</i> , 2018, 185, 39-50.	11.4	19
5	Studies of the Influence of Gold Nanoparticles on Characteristics of Mesenchymal Stem Cells. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-9.	2.7	17
6	Nanotechniques Inactivate Cancer Stem Cells. <i>Nanoscale Research Letters</i> , 2017, 12, 415.	5.7	15
7	In Vitro Study of Influence of Au Nanoparticles on HT29 and SPEV Cell Lines. <i>Nanoscale Research Letters</i> , 2017, 12, 494.	5.7	13
8	Biopolymer gels as a basis of cryoprotective medium for testicular tissue of rats. <i>Cell and Tissue Banking</i> , 2018, 19, 819-826.	1.1	12
9	Modification of the state of bone marrow hematopoietic cells after cryopreservation. <i>International Journal of Refrigeration</i> , 2006, 29, 358-367.	3.4	10
10	Mesenchymal Stem Cells in Restoration of Fertility at Experimental Pelvic Inflammatory Disease. <i>Stem Cells International</i> , 2017, 2017, 1-9.	2.5	9
11	Cryopreservation of Rat Seminiferous Tubules Using Biopolymers and Slow Non-Controlled Rate Cooling. <i>Problems of Cryobiology and Cryomedicine</i> , 2018, 28, 278-292.	0.3	9
12	Translation of Cryobiological Techniques to Socially Economically Deprived Populationsâ€™ Part 1: Cryogenic Preservation Strategies. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2020, 14, .	0.7	8
13	Exposure of Seminiferous Tubules of Immature Rats to Cryoprotective Media of Various Compositions. <i>Problems of Cryobiology and Cryomedicine</i> , 2017, 27, 203-218.	0.3	7
14	Cryopreservation: An Optimizing Factor for Therapeutic Potential of Fetoplacental Complex Products. <i>Biopreservation and Biobanking</i> , 2009, 7, 29-38.	1.0	6
15	Nanocomposites specifically penetrate and inhibit tumor cells. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2016, 47, 156-164.	0.9	6
16	The effect of surface treatment of ceramic oxide coatings deposited by magnetron sputtering method on the adhesive and proliferative activity of mesenchymal stem cells. <i>Surface and Coatings Technology</i> , 2016, 301, 114-120.	4.8	6
17	The Use of Fullerene C60 to Preserve Testicular Tissue after Cryopreservation. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-8.	2.7	5
18	Nanoscale biomaterial interface modification for advanced tissue engineering applications. <i>Journal of Physics: Conference Series</i> , 2012, 356, 012046.	0.4	3

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19	Cryopreserved Mesenchymal Stem Cells Stimulate Regeneration in an Intervertebral Disc. <i>Biomedicines</i> , 2015, 3, 237-247.	3.2	3
20	Effect of different cryopreservation regimens on Ehrlich carcinoma growth. <i>Cell and Tissue Banking</i> , 2019, 20, 411-421.	1.1	3
21	Mechanisms of Antitumor Effect of Nanomaterials Based on Rare Earth Orthovanadates. <i>Springer Proceedings in Physics</i> , 2020, , 3-21.	0.2	3
22	Use of Nanomaterials in Cryobiology and Cryomedicine. <i>Problems of Cryobiology and Cryomedicine</i> , 2020, 30, 313-330.	0.3	3
23	Surface modification of tantalum pentoxide coatings deposited by magnetron sputtering and correlation with cell adhesion and proliferation in vitro tests. <i>Journal of Physics: Conference Series</i> , 2016, 700, 012027.	0.4	2
24	Antitumor activity of spherical nanoparticles GdYVO ₄ :Eu ³⁺ depends on pre-incubation time. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 2749-2758.	3.1	2
25	Nanoscale surface modification of plastic substrates for advanced tissue engineering applications. <i>Journal of Physics: Conference Series</i> , 2012, 398, 012031.	0.4	1
26	Determination of Warming Modes for Seminiferous Tubules of Rats' Testes After Vitrification. <i>Problems of Cryobiology and Cryomedicine</i> , 2021, 31, 95-99.	0.3	1
27	The Role of Cord Blood in the Regulation of the Cellular and Humoral Link of Immunity in Experimental Atopic Dermatitis. <i>Innovative Biosystems and Bioengineering</i> , 2021, 5, 167-177.	0.7	1
28	Immunological Traits of Cryoablation in Combination Therapy of Cancer. <i>Problems of Cryobiology and Cryomedicine</i> , 2019, 29, 297-302.	0.3	1
29	Toxicity of Nanocomplexes Containing Gadolinium Orthovanadate Nanoparticles and Cholesterol. <i>Biological Trace Element Research</i> , 2022, 200, 4339-4354.	3.5	1
30	Lyophilized Human Cord Blood Leukoconcentrate to Treat Brain Ischemia in Rats. <i>Problems of Cryobiology and Cryomedicine</i> , 2022, 32, 44-57.	0.3	1
31	The Continuing Crisis in Biobanking. <i>Cell Preservation Technology</i> , 2007, 5, 67-67.	0.6	0
32	Model of Track Formation by a Bone Marrow Adhesive Cell Moving on a Substrate Surface. , 2010, , .		0
33	Level of Sensibilization of Immunocompetent Cells as a Criterion of Efficacy of Introduction of Cryopreserved Fetal Nerve Cells in Experimental Allergic Encephalomyelitis. <i>Neurophysiology</i> , 2012, 44, 292-300.	0.3	0
34	The Use of Nanocomposite Coatings with Various Physicochemical Properties in Tissue Engineering. <i>Bulletin of Experimental Biology and Medicine</i> , 2013, 156, 252-254.	0.8	0
35	Functional activity of animal bone marrow cells after their treatment with nanocomplexes. <i>Ukrainian Journal of Radiology and Oncology</i> , 2021, 29, 9-21.	0.1	0
36	Efficiency of Combined Use of Fullerene C ₆₀ and Bovine Serum Albumin for Rehabilitation of Vitrified Fragments of Rat Immature Seminiferous Tubules. <i>Innovative Biosystems and Bioengineering</i> , 2021, 5, 189-196.	0.7	0

#	ARTICLE	IF	CITATIONS
37	Effect of Nanobiopolymers on Morphofunctional State of Cryopreserved Fragments of Seminiferous Tubules of Testis. Springer Proceedings in Physics, 2021, , 287-299.	0.2	0
38	THE ROLE OF IMMUNE-INFLAMMATORY PROCESSES AND OXIDATIVE STRESS IN THE MECHANISMS OF REPARATIVE OSTEOGENESIS IN RATS WITH AN OPEN FRACTURE OF THE MANDIBLE ON THE BACKGROUND OF OSTEOPOROSIS. World of Medicine and Biology, 2017, 13, 132.	0.5	0
39	PROGNOSIS OF REPARATIVE OSTEOGENESIS IN RATS WITH OPEN MANDIBULAR FRACTURE ON THE BACKGROUND OF OSTEOPOROSIS. World of Medicine and Biology, 2018, 14, 109.	0.5	0
40	STRUCTURAL ORGANIZATION OF INTERSTITIAL LEYDIG CELLS AND SERTOLI CELLS IN EXPERIMENTAL CHEMICAL CASTRATION AT THE EARLY STAGES OF MONITORING IN RATS. World of Medicine and Biology, 2018, 14, 215.	0.5	0
41	Influence of Cell Therapy on the Dynamics of Inflammatory Markers in Blood of Rats with Adjuvant Arthritis. Ukraïns'kij Žurnal Medicini Bãologã Ta Sportu, 2022, 7, 62-67.	0.2	0
42	Placental Cryoextract Corrects the Level of Thyroid Hormones in Rats. Problems of Cryobiology and Cryomedicine, 2021, 31, 353-363.	0.3	0
43	Cryopreservation as Biotechnological Application of Dendritic Cells in Clinical Practice. Problems of Cryobiology and Cryomedicine, 2021, 31, 289-303.	0.3	0
44	Opportunities of Electron Microscopy When Solving Cryobiological Tasks. Retrospective Analysis. Problems of Cryobiology and Cryomedicine, 2022, 32, 3-13.	0.3	0