Elena Andreeva

List of Publications by Year in Descending Order

91 papers	1,138 citations	17 h-index	30 g-index
95 ext. papers	1,283 ext. citations	2.1 avg, IF	4.19 L-index

#	Paper	IF	Citations
91	Simulated Microgravity Affects the TNF-Induced Interleukin Profile of Endothelial Cells Depending on the Initial ICAM-1 Expression. *Microgravity Science and Technology*, **2022**, 34, 1	1.6	
90	Cord blood hematopoietic stem cells ex vivo enhance the bipotential commitment of adipose mesenchymal stromal progenitors. *Life Sciences*, **2021**, 268, 118970	6.8	0
89	Functional Activity of Non-Proliferating Mesenchymal Stromal Cells Cultured at Different Densities. *Bulletin of Experimental Biology and Medicine*, **2021**, 170, 537-543	0.8	
88	Osteogenic Commitment of MSC Is Enhanced after Interaction with Umbilical Cord Blood Mononuclear Cells In Vitro. *Bulletin of Experimental Biology and Medicine*, **2021**, 171, 541-546	0.8	0
87	Crosstalk of Endothelial and Mesenchymal Stromal Cells under Tissue-Related O2. *International Journal of Translational Medicine*, **2021**, 1, 116-136		0
86	Differential Expression of Bipotent Commitment-Related Genes in Multipotent Mesenchymal Stromal Cells at Different O Levels. *Doklady Biochemistry and Biophysics*, **2020**, 491, 67-69	0.8	0
85	Adipose tissue-derived stromal cells retain immunosuppressive and angiogenic activity after coculture with cord blood hematopoietic precursors. *European Journal of Cell Biology*, **2020**, 99, 151069	6.1	1
84	Adipose-derived stromal cell immunosuppression of T cells is enhanced under "physiological" hypoxia. *Tissue and Cell*, **2020**, 63, 101320	2.7	2
83	Low-dose photodynamic therapy promotes angiogenic potential and increases immunogenicity of human mesenchymal stromal cells. *Journal of Photochemistry and Photobiology B: Biology*, **2019**, 199, 111596	6.7	8
82	Crash sign: new first-trimester sonographic marker of spina bifida. *Ultrasound in Obstetrics and Gynecology*, **2019**, 54, 740-745	5.8	22
81	Reciprocal modulation of cell functions upon direct interaction of adipose mesenchymal stromal and activated immune cells. *Cell Biochemistry and Function*, **2019**, 37, 228-238	4.2	5
80	Simulated microgravity modulates the mesenchymal stromal cell response to inflammatory stimulation. *Scientific Reports*, **2019**, 9, 9279	4.9	2
79	Selection of the Optimal Protocol for Preparation of a Decellularized Extracellular Matrix of Human Adipose Tissue-Derived Mesenchymal Stromal Cells. *Moscow University Biological Sciences Bulletin*, **2019**, 74, 235-239	0.5	
78	Phenotype and Secretome of Monocyte-Derived Macrophages Interacting with Mesenchymal Stromal Cells under Conditions of Hypoxic Stress. *Bulletin of Experimental Biology and Medicine*, **2019**, 168, 125-131	0.8	0
77	Hematopoiesis-supportive function of growth-arrested human adipose-tissue stromal cells under physiological hypoxia. *Journal of Bioscience and Bioengineering*, **2019**, 127, 647-654	3.3	7
76	Expression of Adhesion Molecules in Activated Endothelium after Interaction with Mesenchymal Stromal Cells. *Bulletin of Experimental Biology and Medicine*, **2018**, 164, 453-455	0.8	
75	Stromal and Hematopoietic Progenitors from C57/Bl/6N Murine Bone Marrow After 30-Day "BION-M1" Spaceflight. *Stem Cells and Development*, **2018**, 27, 1268-1277	4.4	3

74	Evaluation of committed and primitive cord blood progenitors after expansion on adipose stromal cells. *Cell and Tissue Research*, **2018**, 372, 523-533	4.2	5
73	The Role of Interplay of Mesenchymal Stromal Cells and Macrophages in Physiological and Reparative Tissue Remodeling. *Human Physiology*, **2018**, 44, 102-114	0.3	4
72	IFN-gamma priming of adipose-derived stromal cells at "physiological" hypoxia. *Journal of Cellular Physiology*, **2018**, 233, 1535-1547	7	13
71	The ICAM-1 expression level determines the susceptibility of human endothelial cells to simulated microgravity. *Journal of Cellular Biochemistry*, **2018**, 119, 2875-2885	4.7	16
70	Interaction of allogeneic adipose tissue-derived stromal cells and unstimulated immune cells in vitro: the impact of cell-to-cell contact and hypoxia in the local milieu. *Cytotechnology*, **2018**, 70, 299-312	2.2	6
69	Multipotent Mesenchymal Stromal Cells and Extracellular Matrix: Regulation under Hypoxia. *Human Physiology*, **2018**, 44, 696-705	0.3	5
68	Effect of Short-Term Hypoxic Stress on Immunosuppressive Activity of Perivascular Multipotent Stromal Cells. *Moscow University Biological Sciences Bulletin*, **2018**, 73, 13-17	0.5	
67	The Differential Expression of Adhesion Molecule and Extracellular Matrix Genes in Mesenchymal Stromal Cells after Interaction with Cord Blood Hematopoietic Progenitors. *Doklady Biochemistry and Biophysics*, **2018**, 479, 69-71	0.8	3
66	Endothelial Cells Modulate Differentiation Potential and Mobility of Mesenchymal Stromal Cells. *Bulletin of Experimental Biology and Medicine*, **2018**, 165, 127-131	0.8	5
65	Myeloid Precursors in the Bone Marrow of Mice after a 30-Day Space Mission on a Bion-M1 Biosatellite. *Bulletin of Experimental Biology and Medicine*, **2017**, 162, 496-500	0.8	14
64	Macroporous modified poly (vinyl alcohol) hydrogels with charged groups for tissue engineering: Preparation and in vitro evaluation. *Materials Science and Engineering C*, **2017**, 75, 1075-1082	8.3	16
63	Interaction of multipotent mesenchymal stromal and immune cells: Bidirectional effects. *Cytotherapy*, **2017**, 19, 1152-1166	4.8	26
62	Factors governing the immunosuppressive effects of multipotent mesenchymal stromal cells in vitro. *Cytotechnology*, **2016**, 68, 565-77	2.2	11
61	Immobilized phthalocyanines of magnesium, aluminum, and zinc in photodynamic treatment of mesenchymal stromal cells. *Russian Chemical Bulletin*, **2016**, 65, 277-281	1.7	2
60	Cellular mechanisms of human atherosclerosis: Role of cell-to-cell communications in subendothelial cell functions. *Tissue and Cell*, **2016**, 48, 25-34	2.7	14
59	Ex Vivo Expansion of Hematopoietic Stem and Progenitor Cells from Umbilical Cord Blood. *Acta Naturae*, **2016**, 8, 6-16	2.1	11
58	Tissue-Related Hypoxia Attenuates Proinflammatory Effects of Allogeneic PBMCs on Adipose-Derived Stromal Cells In Vitro. *Stem Cells International*, **2016**, 2016, 4726267	5	11
57	Acute Hypoxic Stress Affects Migration Machinery of Tissue O-Adapted Adipose Stromal Cells. *Stem Cells International*, **2016**, 2016, 7260562	5	10

56	Hypoxic stress as an activation trigger of multipotent mesenchymal stromal cells. *Human Physiology* , **2015**, 41, 218-222	0.3	2
55	Response of Adipose Tissue-Derived Stromal Cells in Tissue-Related O2 Microenvironment to Short-Term Hypoxic Stress. *Cells Tissues Organs*, **2015**, 200, 307-15	2.1	17
54	The effect of stromal cells and oxygen concentration on maintenance of cord blood hematopoietic precursors. *Cell and Tissue Biology*, **2015**, 9, 341-347	0.4	1
53	Proinflammatory interleukins' production by adipose tissue-derived mesenchymal stromal cells: the impact of cell culture conditions and cell-to-cell interaction. *Cell Biochemistry and Function*, **2015**, 33, 386-93	4.2	7
52	WNT-associated gene expression in human mesenchymal stromal cells under hypoxic stress. *Doklady Biochemistry and Biophysics*, **2015**, 465, 354-7	0.8	6
51	Mesenchymal stem cells and hypoxia: where are we?. *Mitochondrion*, **2014**, 19 Pt A, 105-12	4.9	82
50	Enrichment of umbilical cord blood mononuclears with hemopoietic precursors in co-culture with mesenchymal stromal cells from human adipose tissue. *Bulletin of Experimental Biology and Medicine*, **2014**, 156, 584-9	0.8	9
49	In vitro evaluation of crystalline silicon nanoparticles cytotoxicity. *Biophysics (Russian Federation)*, **2014**, 59, 105-109	0.7	2
48	Human adipose-tissue derived stromal cells in combination with hypoxia effectively support ex vivo expansion of cord blood haematopoietic progenitors. *PLoS ONE*, **2014**, 10, e0124939	3.7	11
47	Modification of silicon nanoparticle surface with gold or silver attenuates its biocompatibility in vitro. *Cell and Tissue Biology*, **2014**, 8, 384-388	0.4	2
46	Photophysical properties and photodynamic activity of nanostructured aluminum phthalocyanines. *Biophysics (Russian Federation)*, **2014**, 59, 854-860	0.7	1
45	Paracrine activity of multipotent mesenchymal stromal cells and its modulation in hypoxia. *Human Physiology*, **2013**, 39, 315-322	0.3	5
44	Accumulation and elimination of photosens and protoporphyrin IX by different types of mesenchymal cells. *Bulletin of Experimental Biology and Medicine*, **2013**, 155, 568-71	0.8	
43	Effects of photodynamic treatment on mesenchymal stromal cells. *Doklady Biological Sciences*, **2013**, 450, 185-8	0.9	2
42	In vitro study of interactions between silicon-containing nanoparticles and human peripheral blood leukocytes. *Bulletin of Experimental Biology and Medicine*, **2013**, 155, 396-8	0.8	4
41	Immunophenotype of human lymphocytes after interaction with mesenchymal stromal cells. *Human Physiology*, **2013**, 39, 530-534	0.3	1
40	Human MMSC immunosuppressive activity at low oxygen tension: Direct cell-to-cell contacts and paracrine regulation. *Human Physiology*, **2013**, 39, 136-146	0.3	8
39	Low ATP level is sufficient to maintain the uncommitted state of multipotent mesenchymal stem cells. *Biochimica Et Biophysica Acta - General Subjects*, **2013**, 1830, 4418-25	4	39

38	New medicines and approaches to treatment of atherosclerosis. *Russian Journal of General Chemistry*, **2012**, 82, 554-563	0.7	4
37	Etoposide and hypoxia do not activate apoptosis of multipotent mesenchymal stromal cells in vitro. *Bulletin of Experimental Biology and Medicine*, **2012**, 154, 141-4	0.8	3
36	The impact of oxygen in physiological regulation of human multipotent mesenchymal cell functions. *Human Physiology*, **2012**, 38, 444-452	0.3	9
35	Correlation between lipid deposition, immune-inflammatory cell content and MHC class II expression in diffuse intimal thickening of the human aorta. *Atherosclerosis*, **2011**, 219, 171-83	3.1	16
34	Subpopulation composition and activation of T lymphocytes during coculturing with mesenchymal stromal cells in medium with different O(2) content. *Bulletin of Experimental Biology and Medicine*, **2011**, 151, 344-6	0.8	7
33	Low-fluence photodynamic treatment modifies functional properties of vascular cell wall. *Bulletin of Experimental Biology and Medicine*, **2011**, 151, 521-5	0.8	1
32	Immunosuppressive effects of multipotent mesenchymal stromal cells in cultures with different O2 content in the medium. *Bulletin of Experimental Biology and Medicine*, **2011**, 151, 526-9	0.8	5
31	Polyelectrolyte microcapsules with entrapped multicellular tumor spheroids as a novel tool to study the effects of photodynamic therapy. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2011**, 97, 255-62	3.5	13
30	Peculiarities of cell composition and cell proliferation in different type atherosclerotic lesions in carotid and coronary arteries. *Atherosclerosis*, **2010**, 212, 436-43	3.1	33
29	Metal-free Phtalocyanine and 5-Aminolevulenic Acid in Photodynamic Treatment of Human Vascular Cells **2010**,		1
28	Interaction of human mesenhymal stromal with immune cells. *Human Physiology*, **2010**, 36, 590-598	0.3	9
27	Effects of photodynamic exposure on endothelial cells in vitro. *Bulletin of Experimental Biology and Medicine*, **2010**, 149, 262-4	0.8	1
26	Low level of O2 inhibits commitment of cultured mesenchymal stromal precursor cells from the adipose tissue in response to osteogenic stimuli. *Bulletin of Experimental Biology and Medicine*, **2009**, 147, 760-3	0.8	14
25	Enhancing of GM3 synthase expression during differentiation of human blood monocytes into macrophages as in vitro model of GM3 accumulation in atherosclerotic lesion. *Molecular and Cellular Biochemistry*, **2009**, 330, 121-9	4.2	10
24	Characteristics of human lipoaspirate-isolated mesenchymal stromal cells cultivated under lower oxygen tension. *Cell and Tissue Biology*, **2009**, 3, 23-28	0.4	32
23	Activation of ganglioside GM3 biosynthesis in human monocyte/macrophages during culturing in vitro. *Biochemistry (Moscow)*, **2007**, 72, 772-7	2.9	14
22	Lipid second messengers and cell signaling in vascular wall. *Biochemistry (Moscow)*, **2007**, 72, 797-808	2.9	4
21	Effects of hypoxic gas mixtures on viability, expression of adhesion molecules, migration, and synthesis of interleukins by cultured human endothelial cells. *Bulletin of Experimental Biology and Medicine*, **2007**, 144, 130-5	0.8	2

20	Continuous subendothelial network formed by pericyte-like cells in human vascular bed. *Tissue and Cell*, **1998**, 30, 127-35	2.7	133
19	Collagen-synthesizing cells in initial and advanced atherosclerotic lesions of human aorta. *Atherosclerosis*, **1997**, 130, 133-42	3.1	44
18	Subendothelial smooth muscle cells of human aorta express macrophage antigen in situ and in vitro. *Atherosclerosis*, **1997**, 135, 19-27	3.1	85
17	Localization of collagen-producing cells in normal and atherosclerotic intima of human aorta. *Bulletin of Experimental Biology and Medicine*, **1997**, 123, 82-84	0.8	
16	Gap junctional communication in primary culture of cells derived from human aortic intima. *Tissue and Cell*, **1995**, 27, 591-7	2.7	23
15	Heterogeneity of smooth muscle cells in embryonic human aorta. *Tissue and Cell*, **1995**, 27, 31-8	2.7	14
14	Immunocytochemical study of the localization of scavenger receptor in human aortic smooth-muscle cells. *Bulletin of Experimental Biology and Medicine*, **1995**, 120, 839-842	0.8	1
13	Lipid accumulation in the subendothelial cells of human aortic intima impairs cell-to-cell contacts: A comparative study in situ and in vitro. *Cardiovascular Pathology*, **1993**, 2, 53-62	3.8	5
12	Beta-blockers: propranolol, metoprolol, atenolol, pindolol, alprenolol and timolol, manifest atherogenicity on in vitro, ex vivo and in vivo models. Elimination of propranolol atherogenic effects by papaverine. *Atherosclerosis*, **1992**, 95, 77-85	3.1	7
11	Stellate cells of aortic intima: I. Human and rabbit. *Tissue and Cell*, **1992**, 24, 689-96	2.7	11
10	Stellate cells of aortic intima: II. Arborization of intimal cells in culture. *Tissue and Cell*, **1992**, 24, 697-704	2.7	18
9	Papaverine abolishes the atherogenic effect of the beta-blocker propranolol. *Bulletin of Experimental Biology and Medicine*, **1992**, 113, 353-356	0.8	
8	Lipids in cells of atherosclerotic and uninvolved human aorta. III. Lipid distribution in intimal sublayers. *Experimental and Molecular Pathology*, **1991**, 54, 22-30	4.4	20
7	Atherogenic effect of the beta-blocker propranolol exhibited on the de-endothelized rabbit aorta. *Bulletin of Experimental Biology and Medicine*, **1991**, 111, 485-488	0.8	
6	Regression of atherosclerosis in cell culture: Effects of stable prostacyclin analogues. *Drug Development Research*, **1986**, 9, 189-201	5.1	18
5	Adult human aortic cells in primary culture: heterogeneity in shape. *Heart and Vessels*, **1986**, 2, 193-201	2.1	22
4	Lipids in cells of atherosclerotic and uninvolved human aorta. I. Lipid composition of aortic tissue and enzyme-isolated and cultured cells. *Experimental and Molecular Pathology*, **1985**, 42, 117-37	4.4	90
3	Content and localization of fibronectin in normal intima, atherosclerotic plaque, and underlying media of human aorta. *Atherosclerosis*, **1984**, 53, 213-9	3.1	22

2	Dissociated cells from different layers of adult human aortic wall. *Cells Tissues Organs*, **1984**, 119, 99-105	2.1	24
1	Immunomorphological investigation of distribution of collagen of types I, III, IV, and V in primary culture of human aortic cells. *Bulletin of Experimental Biology and Medicine*, **1983**, 96, 1473-1476	0.8	