

Natalia I Kalinina

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

2,617
citations

331670

21
h-index

265206

42
g-index

47
all docs

47
docs citations

47
times ranked

4265
citing authors

#	ARTICLE	IF	CITATIONS
1	An attempt to prevent senescence: A mitochondrial approach. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 437-461.	1.0	359
2	Increased Expression of the DNA-Binding Cytokine HMGB1 in Human Atherosclerotic Lesions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 2320-2325.	2.4	259
3	Adipose-Derived Stem Cells Stimulate Regeneration of Peripheral Nerves: BDNF Secreted by These Cells Promotes Nerve Healing and Axon Growth De Novo. <i>PLoS ONE</i> , 2011, 6, e17899.	2.5	248
4	Platelet-derived growth factor regulates the secretion of extracellular vesicles by adipose mesenchymal stem cells and enhances their angiogenic potential. <i>Cell Communication and Signaling</i> , 2014, 12, 26.	6.5	240
5	Adipose Stromal Cells Stimulate Angiogenesis via Promoting Progenitor Cell Differentiation, Secretion of Angiogenic Factors, and Enhancing Vessel Maturation. <i>Tissue Engineering - Part A</i> , 2009, 15, 2039-2050.	3.1	184
6	Angiogenic properties of aged adipose derived mesenchymal stem cells after hypoxic conditioning. <i>Journal of Translational Medicine</i> , 2011, 9, 10.	4.4	178
7	Characterization of secretomes provides evidence for adipose-derived mesenchymal stromal cells subtypes. <i>Stem Cell Research and Therapy</i> , 2015, 6, 221.	5.5	114
8	Adipose-Derived Mesenchymal Stromal Cells From Aged Patients With Coronary Artery Disease Keep Mesenchymal Stromal Cell Properties but Exhibit Characteristics of Aging and Have Impaired Angiogenic Potential. <i>Stem Cells Translational Medicine</i> , 2014, 3, 32-41.	3.3	104
9	Conditioned Medium from Human Mesenchymal Stromal Cells: Towards the Clinical Translation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1656.	4.1	104
10	Cytochrome <i>b₅₅₈</i> â€œDependent NAD(P)H Oxidaseâ€œPhox Units in Smooth Muscle and Macrophages of Atherosclerotic Lesions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 2037-2043.	2.4	100
11	Smad Expression in Human Atherosclerotic Lesions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1391-1396.	2.4	93
12	Mitochondria-targeted plastoquinone derivatives as tools to interrupt execution of the aging program. 3. Inhibitory effect of SkQ1 on tumor development from p53-deficient cells. <i>Biochemistry (Moscow)</i> , 2008, 73, 1300-1316.	1.5	82
13	Transforming Growth Factor- β ; Cell Signaling and Cardiovascular Disorders. <i>Current Vascular Pharmacology</i> , 2005, 3, 55-61.	1.7	74
14	Disturbed angiogenic activity of adipose-derived stromal cells obtained from patients with coronary artery disease and diabetes mellitus type 2. <i>Journal of Translational Medicine</i> , 2014, 12, 337.	4.4	73
15	T-cadherin suppresses angiogenesis in vivo by inhibiting migration of endothelial cells. <i>Angiogenesis</i> , 2007, 10, 183-195.	7.2	55
16	Secretome of Mesenchymal Stromal Cells Prevents Myofibroblasts Differentiation by Transferring Fibrosis-Associated microRNAs within Extracellular Vesicles. <i>Cells</i> , 2020, 9, 1272.	4.1	44
17	Activation of β -adrenergic receptors is required for elevated β 1A-adrenoreceptors expression and signaling in mesenchymal stromal cells. <i>Scientific Reports</i> , 2016, 6, 32835.	3.3	39
18	miR-92a regulates angiogenic activity of adipose-derived mesenchymal stromal cells. <i>Experimental Cell Research</i> , 2015, 339, 61-66.	2.6	36

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19	In Vitro Neuronal Induction of Adipose-Derived Stem Cells and their Fate after Transplantation into Injured Mouse Brain. <i>Current Medicinal Chemistry</i> , 2012, 19, 5170-5177.	2.4	32
20	Non-viral transfer of BDNF and uPA stimulates peripheral nerve regeneration. <i>Biomedicine and Pharmacotherapy</i> , 2015, 74, 63-70.	5.6	28
21	Local angiotensin II promotes adipogenic differentiation of human adipose tissue mesenchymal stem cells through type 2 angiotensin receptor. <i>Stem Cell Research</i> , 2017, 25, 115-122.	0.7	27
22	Angiotensin receptor subtypes regulate adipose tissue renewal and remodelling. <i>FEBS Journal</i> , 2020, 287, 1076-1087.	4.7	22
23	Tumor Necrosis Factor Receptor and Ligand Superfamily Family Members TNFRSF14 and LIGHT. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 1873-1875.	2.4	15
24	Viability and angiogenic activity of mesenchymal stromal cells from adipose tissue and bone marrow under hypoxia and inflammation in vitro. <i>Cell and Tissue Biology</i> , 2010, 4, 117-127.	0.4	14
25	T-Cadherin Expression in Melanoma Cells Stimulates Stromal Cell Recruitment and Invasion by Regulating the Expression of Chemokines, Integrins and Adhesion Molecules. <i>Cancers</i> , 2015, 7, 1349-1370.	3.7	13
26	Functional Heterogeneity of Protein Kinase A Activation in Multipotent Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4442.	4.1	12
27	Flow cytometry analysis of adrenoceptors expression in human adipose-derived mesenchymal stem/stromal cells. <i>Scientific Data</i> , 2018, 5, 180196.	5.3	9
28	Noradrenaline Sensitivity Is Severely Impaired in Immortalized Adipose-Derived Mesenchymal Stem Cell Line. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3712.	4.1	7
29	Proliferative activity and expression of cyclin-dependent kinase inhibitor p21WAF1 and p53 protein in endothelial cells of human aorta during replicative aging in vitro. <i>Bulletin of Experimental Biology and Medicine</i> , 2002, 134, 81-83.	0.8	6
30	Data supporting that miR-92a suppresses angiogenic activity of adipose-derived mesenchymal stromal cells by down-regulating hepatocyte growth factor. <i>Data in Brief</i> , 2016, 6, 295-310.	1.0	6
31	Platelet-Derived Growth Factor Induces SASP-Associated Gene Expression in Human Multipotent Mesenchymal Stromal Cells but Does Not Promote Cell Senescence. <i>Biomedicines</i> , 2021, 9, 1290.	3.2	5
32	Data supporting that adipose-derived mesenchymal stem/stromal cells express angiotensin II receptors in situ and in vitro. <i>Data in Brief</i> , 2018, 16, 327-333.	1.0	4
33	Left-ventricular heart aneurism as a new source of resident cardiac stem cells. <i>Cell and Tissue Biology</i> , 2010, 4, 546-555.	0.4	2
34	T-Cadherin and the Ratio of Its Ligands as Predictors of Carotid Atherosclerosis: A Pilot Study. <i>Biomedicines</i> , 2021, 9, 1398.	3.2	2
35	Effects of transforming growth factor-beta(1) on proliferation of smooth muscle cells in human aortic intima and human promonocytic leukemia THP-1 cells. <i>Bulletin of Experimental Biology and Medicine</i> , 2001, 131, 162-164.	0.8	1
36	Nonviral Transfection of Adipose Tissue Stromal Cells: An Experimental Study. <i>Bulletin of Experimental Biology and Medicine</i> , 2009, 147, 509-512.	0.8	1

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37	Effects of hyperglycemia on functional state of human umbilical vein endothelial cells in vitro. Doklady Biological Sciences, 2009, 426, 210-212.	0.6	1
38	UKâ€“Russia Researcher Links Workshop: extracellular vesicles â€“ mechanisms of biogenesis and roles in disease pathogenesis, M.V. Lomonosov Moscow State University, Moscow, Russia, 1â€“5ÂMarch 2015. Journal of Extracellular Vesicles, 2015, 4, 28094.	12.2	1
39	587. MiRNA-92a Is Involved in the Regulation of Adipose-Derived Stromal Cell (ADSC) Angiogenic Properties. Molecular Therapy, 2015, 23, S233-S234.	8.2	1
40	A Novel Cre/lox71-Based System for Inducible Expression of Recombinant Proteins and Genome Editing. Cells, 2022, 11, 2141.	4.1	1
41	Detection of bone marrow-derived cells in neointimal thickening in the rat carotid artery by nested polymerase chain reaction. Russian Journal of Developmental Biology, 2008, 39, 227-231.	0.5	0
42	UPAR silencing reveals its role in neuroblastoma. Oncotarget, 2018, 9, 31163-31164.	1.8	0
43	Immature Vascular Smooth Muscle Cells in Healthy Murine Arteries and Atherosclerotic Plaques: Localization and Activity. International Journal of Molecular Sciences, 2022, 23, 1744.	4.1	0