

Yelena V Parfyonova

List of Publications by Year in descending order

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69
papers

2,286
citations

172457

29
h-index

223800

46
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74
all docs

74
docs citations

74
times ranked

3121
citing authors

#	ARTICLE	IF	CITATIONS
1	Bi-directional gene activation and repression promote ASC differentiation and enhance bone healing in osteoporotic rats. <i>Molecular Therapy</i> , 2022, 30, 92-104.	8.2	5
2	Mesenchymal stromal cells enhance self-assembly of a HUVEC tubular network through uPA-uPAR/VEGFR2/integrin/NOTCH crosstalk. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119157.	4.1	8
3	Type 2 Diabetes Mellitus Facilitates Shift of Adipose-Derived Stem Cells Ex Vivo Differentiation toward Osteogenesis among Patients with Obesity. <i>Life</i> , 2022, 12, 688.	2.4	4
4	The Effects of Glucagon-Like Peptide Type 1 (GLP-1) and its Analogues in Adipose Tissue: Is there a way to Thermogenesis?. <i>Current Molecular Medicine</i> , 2021, 21, 527-538.	1.3	2
5	Autophagy, Mesenchymal Stem Cell Differentiation, and Secretion. <i>Biomedicines</i> , 2021, 9, 1178.	3.2	14
6	Transduction of rat and human adipose-tissue derived mesenchymal stromal cells by adeno-associated viral vector serotype DJ. <i>Biology Open</i> , 2021, 10, .	1.2	7
7	Analysis of MicroRNA Profile Alterations in Extracellular Vesicles From Mesenchymal Stromal Cells Overexpressing Stem Cell Factor. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 754025.	3.7	4
8	NDRG1 Activity in Fat Depots Is Associated With Type 2 Diabetes and Impaired Incretin Profile in Patients With Morbid Obesity. <i>Frontiers in Endocrinology</i> , 2021, 12, 777589.	3.5	0
9	Decreased UCP-1 expression in beige adipocytes from adipose-derived stem cells of type 2 diabetes patients associates with mitochondrial ROS accumulation during obesity. <i>Diabetes Research and Clinical Practice</i> , 2020, 169, 108410.	2.8	9
10	Cell Sheet Comprised of Mesenchymal Stromal Cells Overexpressing Stem Cell Factor Promotes Epicardium Activation and Heart Function Improvement in a Rat Model of Myocardium Infarction. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9603.	4.1	12
11	Therapeutic Angiogenesis by a "Dynamic Duo": Simultaneous Expression of HGF and VEGF165 by Novel Bicistronic Plasmid Restores Blood Flow in Ischemic Skeletal Muscle. <i>Pharmaceutics</i> , 2020, 12, 1231.	4.5	7
12	Transplantation of Adipose Stromal Cell Sheet Producing Hepatocyte Growth Factor Induces Pleiotropic Effect in Ischemic Skeletal Muscle. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3088.	4.1	27
13	Oligonucleotide Microarrays Identified Potential Regulatory Genes Related to Early Outward Arterial Remodeling Induced by Tissue Plasminogen Activator. <i>Frontiers in Physiology</i> , 2019, 10, 493.	2.8	2
14	Low AS160 and high SGK basal phosphorylation associates with impaired incretin profile and type 2 diabetes in adipose tissue of obese patients. <i>Diabetes Research and Clinical Practice</i> , 2019, 158, 107928.	2.8	7
15	CRISPR-based Activation of Endogenous Neurotrophic Genes in Adipose Stem Cell Sheets to Stimulate Peripheral Nerve Regeneration. <i>Theranostics</i> , 2019, 9, 6099-6111.	10.0	44
16	Gene therapy of type 2 diabetes mellitus: state of art. <i>Terapevticheskii Arkhiv</i> , 2019, 91, 149-152.	0.8	6
17	Heart stem cells: fact or fantasy?. <i>Russian Journal of Cardiology</i> , 2019, , 84-90.	1.4	1
18	C-Kit Cardiac Progenitor Cell Based Cell Sheet Improves Vascularization and Attenuates Cardiac Remodeling following Myocardial Infarction in Rats. <i>BioMed Research International</i> , 2018, 2018, 1-13.	1.9	41

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19	Angiogenic and pleiotropic effects of VEGF165 and HGF combined gene therapy in a rat model of myocardial infarction. PLoS ONE, 2018, 13, e0197566.	2.5	32
20	Interleukin-4 Restores Insulin Sensitivity in Lipid-Induced Insulin-Resistant Adipocytes. Biochemistry (Moscow), 2018, 83, 498-506.	1.5	10
21	Endothelial and smooth muscle cells derived from human cardiac explants demonstrate angiogenic potential and suitable for design of cell-containing vascular grafts. Journal of Translational Medicine, 2017, 15, 54.	4.4	25
22	Increased expression of uPA, uPAR, and PAI-1 in psoriatic skin and in basal cell carcinomas. Archives of Dermatological Research, 2017, 309, 433-442.	1.9	34
23	Adipose-derived stem cell sheets functionalized by hybrid baculovirus for prolonged GDNF expression and improved nerve regeneration. Biomaterials, 2017, 140, 189-200.	11.4	43
24	Comparison of cardiac stem cell sheets detached by Versene solution and from thermoresponsive dishes reveals similar properties of constructs. Tissue and Cell, 2017, 49, 64-71.	2.2	17
25	Urokinase-type plasminogen activator (uPA) is critical for progression of tuberous sclerosis complex 2 (TSC2)-deficient tumors. Journal of Biological Chemistry, 2017, 292, 20528-20543.	3.4	13
26	Latent Inflammation and Insulin Resistance in Adipose Tissue. International Journal of Endocrinology, 2017, 2017, 1-12.	1.5	49
27	447. Notch Activation Enhances Vascular Lineage Commitment of Cardiac Stem Cells. Molecular Therapy, 2016, 24, S177-S178.	8.2	1
28	448. Therapeutic Angiogenesis by Subcutaneous Cell Sheet Delivery Is Superior to Cell Injection: A Study of ADSC Efficacy in a Model of Hind Limb Ischemia. Molecular Therapy, 2016, 24, S178.	8.2	1
29	Regulation of Adipose Tissue Stem Cells Angiogenic Potential by Tumor Necrosis Factor- α . Journal of Cellular Biochemistry, 2016, 117, 180-196.	2.6	52
30	Urokinase-type Plasminogen Activator (uPA) Promotes Angiogenesis by Attenuating Proline-rich Homeodomain Protein (PRH) Transcription Factor Activity and De-repressing Vascular Endothelial Growth Factor (VEGF) Receptor Expression. Journal of Biological Chemistry, 2016, 291, 15029-15045.	3.4	58
31	The role of urokinase in vascular cell migration and in regulation of growth and branching of capillaries. Cell and Tissue Biology, 2016, 10, 37-46.	0.4	5
32	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€“5 March 2015. Journal of Extracellular Vesicles, 2015, 4, 28094.	12.2	1
33	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
34	657. Delivery of Genetically Engineered Adipose-Derived Cell Sheets for Treatment of Ischemic Disorders â€“ Development of Application in Animal Models. Molecular Therapy, 2015, 23, S262.	8.2	0
35	Enhanced angiogenesis in ischemic skeletal muscle after transplantation of cell sheets from baculovirus-transduced adipose-derived stromal cells expressing VEGF165. Stem Cell Research and Therapy, 2015, 6, 204.	5.5	42
36	Autologous Stem Cell Therapy: How Aging and Chronic Diseases Affect Stem and Progenitor Cells. BioResearch Open Access, 2015, 4, 26-38.	2.6	66

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37	Molecular mechanisms of latent inflammation in metabolic syndrome. Possible role of sirtuins and peroxisome proliferator-activated receptor type β . <i>Biochemistry (Moscow)</i> , 2015, 80, 1217-1226.	1.5	18
38	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
39	Baculovirus-transduced, VEGF-expressing adipose-derived stem cell sheet for the treatment of myocardium infarction. <i>Biomaterials</i> , 2014, 35, 174-184.	11.4	67
40	Plasma urokinase antigen and C-reactive protein predict angina recurrence after coronary angioplasty. <i>Heart and Vessels</i> , 2014, 29, 611-618.	1.2	2
41	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
42	Transplantation of modified human adipose derived stromal cells expressing VEGF165 results in more efficient angiogenic response in ischemic skeletal muscle. <i>Journal of Translational Medicine</i> , 2013, 11, 138.	4.4	57
43	Alpha-fetoprotein contributes to THP-1 cell invasion and chemotaxis via protein kinase and Gi-protein-dependent pathways. <i>Molecular and Cellular Biochemistry</i> , 2013, 379, 283-293.	3.1	9
44	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
45	Combined Transfer of Human VEGF165 and HGF Genes Renders Potent Angiogenic Effect in Ischemic Skeletal Muscle. <i>PLoS ONE</i> , 2012, 7, e38776.	2.5	43
46	Fibulin-5 binds urokinase-type plasminogen activator and mediates urokinase-stimulated β 1-integrin-dependent cell migration. <i>Biochemical Journal</i> , 2012, 443, 491-503.	3.7	25
47	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
48	Diabetes mellitus, cachexia and obesity in heart failure: rationale and design of the Studies Investigating Co-morbidities Aggravating Heart Failure (SICA-HF). <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2010, 1, 187-194.	7.3	75
49	Oligonucleotide Microarrays Reveal Regulated Genes Related to Inward Arterial Remodeling Induced by Urokinase Plasminogen Activator. <i>Journal of Vascular Research</i> , 2009, 46, 177-187.	1.4	17
50	T-cadherin activates Rac1 and Cdc42 and changes endothelial permeability. <i>Biochemistry (Moscow)</i> , 2009, 74, 362-370.	1.5	10
51	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
52	Regulation of arterial remodeling and angiogenesis by urokinase-type plasminogen activator This article is one of a selection of papers from the NATO Advanced Research Workshop on Translational Knowledge for Heart Health (published in part 2 of a 2-part Special Issue).. <i>Canadian Journal of Physiology and Pharmacology</i> , 2009, 87, 231-251.	1.4	52
53	Interaction between kringle and growth-factor-like domains in the urokinase molecule: Possible role in stimulation of chemotaxis. <i>Biochemistry (Moscow)</i> , 2008, 73, 252-260.	1.5	6
54	Nuclear translocation of urokinase-type plasminogen activator. <i>Blood</i> , 2008, 112, 100-110.	1.4	63

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55	Urokinase Gene Transfer Augments Angiogenesis in Ischemic Skeletal and Myocardial Muscle. <i>Molecular Therapy</i> , 2007, 15, 1939-1946.	8.2	53
56	T-cadherin suppresses angiogenesis in vivo by inhibiting migration of endothelial cells. <i>Angiogenesis</i> , 2007, 10, 183-195.	7.2	55
57	Urokinase Plasminogen Activator in Injured Adventitia Increases the Number of Myofibroblasts and Augments Early Proliferation. <i>Journal of Vascular Research</i> , 2006, 43, 437-446.	1.4	20
58	Urokinase Induces Matrix Metalloproteinase-9/Gelatinase B Expression in THP-1 Monocytes via ERK1/2 and Cytosolic Phospholipase A ₂ Activation and Eicosanoid Production. <i>Journal of Vascular Research</i> , 2006, 43, 482-490.	1.4	21
59	Urokinase Plasminogen Activator Stimulates Vascular Smooth Muscle Cell Proliferation Via Redox-Dependent Pathways. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 801-807.	2.4	72
60	T-cadherin GPI-anchor is insufficient for apical targeting in MDCK cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 624-631.	2.1	8
61	Contrasting Effects of Urokinase and Tissue-Type Plasminogen Activators on Neointima Formation and Vessel Remodelling after Arterial Injury. <i>Journal of Vascular Research</i> , 2004, 41, 268-276.	1.4	30
62	Plasminogen Activator Expression Correlates with Genetic Differences in Vascular Remodeling. <i>Journal of Vascular Research</i> , 2004, 41, 481-490.	1.4	22
63	Polyelectrolyte Nanoparticles Mediate Vascular Gene Delivery. <i>Pharmaceutical Research</i> , 2004, 21, 1656-1661.	3.5	30
64	Expression of adhesion molecule T-cadherin is increased during neointima formation in experimental restenosis. <i>Histochemistry and Cell Biology</i> , 2002, 118, 281-290.	1.7	69
65	Plasminogen activators in vascular remodeling and angiogenesis. <i>Biochemistry (Moscow)</i> , 2002, 67, 119-134.	1.5	46
66	Urokinase plasminogen activator augments cell proliferation and neointima formation in injured arteries via proteolytic mechanisms. <i>Atherosclerosis</i> , 2001, 159, 297-306.	0.8	44
67	Urokinase plasminogen activator enhances neointima growth and reduces lumen size in injured carotid arteries. <i>Journal of Hypertension</i> , 2000, 18, 1065-1069.	0.5	36
68	UROKINASE PLASMINOGEN ACTIVATOR SYSTEM IN HUMANS WITH STABLE CORONARY ARTERY DISEASE. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1999, 26, 354-357.	1.9	10
69	Association of platelet function in hypertensive patients with left ventricular hypertrophy, transient myocardial ischemia, and coronary artery disease. <i>Platelets</i> , 1998, 9, 191-195.	2.3	16