

Pyotr A Tyurin-Kuzmin

List of Publications by Year in descending order

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24
papers

757
citations

758635

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642321

23
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24
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docs citations

24
times ranked

1309
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.9	8
2	A Novel Cre/lox71-Based System for Inducible Expression of Recombinant Proteins and Genome Editing. <i>Cells</i> , 2022, 11, 2141.	1.8	1
3	Decreased Insulin Sensitivity in Telomerase-Immortalized Mesenchymal Stem Cells Affects Efficacy and Outcome of Adipogenic Differentiation in vitro. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 662078.	1.8	8
4	Parathyroid Hormone in the Regulation of Bone Growth and Resorption in Health and Disease. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , 2021, 76, 506-517.	0.2	3
5	Angiotensin receptor subtypes regulate adipose tissue renewal and remodelling. <i>FEBS Journal</i> , 2020, 287, 1076-1087.	2.2	22
6	Functional Heterogeneity of Protein Kinase A Activation in Multipotent Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4442.	1.8	12
7	Ultrasensitive Genetically Encoded Indicator for Hydrogen Peroxide Identifies Roles for the Oxidant in Cell Migration and Mitochondrial Function. <i>Cell Metabolism</i> , 2020, 31, 642-653.e6.	7.2	202
8	Metabolic Regulation of Mammalian Stem Cell Differentiation. <i>Biochemistry (Moscow)</i> , 2020, 85, 264-278.	0.7	3
9	Optimization of CRISPR/Cas9 Technology to Knock Out Genes of Interest in Aneuploid Cell Lines. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 168-175.	1.1	7
10	Analysis of novel hyperosmotic shock response suggests "beads in liquid" cytosol structure. <i>Biology Open</i> , 2019, 8, .	0.6	18
11	CRISPR/Cas9-mediated modification of the extreme C-terminus impairs PDGF-stimulated activity of Duox2. <i>Biological Chemistry</i> , 2018, 399, 437-446.	1.2	4
12	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.	0.5	4
13	Flow cytometry analysis of adrenoceptors expression in human adipose-derived mesenchymal stem/stromal cells. <i>Scientific Data</i> , 2018, 5, 180196.	2.4	9
14	Noradrenaline Sensitivity Is Severely Impaired in Immortalized Adipose-Derived Mesenchymal Stem Cell Line. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3712.	1.8	7
15	2-Deoxy-D-glucose has distinct and cell line-specific effects on the survival of different cancer cells upon antitumor drug treatment. <i>FEBS Journal</i> , 2018, 285, 4590-4601.	2.2	27
16	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.	0.3	27
17	Involvement of autophagy in the outcome of mitotic catastrophe. <i>Scientific Reports</i> , 2017, 7, 14571.	1.6	31
18	Redox-dependent activation of PI3-kinase is involved in growth-factor- induced proliferation of fibroblasts. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2017, 11, 17-23.	0.3	0

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19	Activation of β^2 -adrenergic receptors is required for elevated β^1 A-adrenoreceptors expression and signaling in mesenchymal stromal cells. <i>Scientific Reports</i> , 2016, 6, 32835.	1.6	39
20	Nox4 and Duox1/2 Mediate Redox Activation of Mesenchymal Cell Migration by PDGF. <i>PLoS ONE</i> , 2016, 11, e0154157.	1.1	25
21	Chemotactic signaling in mesenchymal cells compared to amoeboid cells. <i>Genes and Diseases</i> , 2014, 1, 162-173.	1.5	14
22	Functional expression of adrenoreceptors in mesenchymal stromal cells derived from the human adipose tissue. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1899-1908.	1.9	35
23	Vimentin intermediate filaments modulate the motility of mitochondria. <i>Molecular Biology of the Cell</i> , 2011, 22, 2282-2289.	0.9	114
24	Does Cellular Hydrogen Peroxide Diffuse or Act Locally?. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 1-7.	2.5	137