Jelena KociÄ

List of Publications by Year
in descending order

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Version: 2024-02-01

46 papers	1,499 citations	331538 21 h-index	315616 38 g-index
49 all docs	49 docs citations	49 times ranked	2914 citing authors

#	Article	IF	Citations
1	Coordinated time-dependent modulation of AMPK/Akt/mTOR signaling and autophagy controls osteogenic differentiation of human mesenchymal stem cells. Bone, 2013, 52, 524-531.	1.4	222
2	Transforming Growth Factor-Beta and Oxidative Stress Interplay: Implications in Tumorigenesis and Cancer Progression. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-15.	1.9	167
3	Transforming Growth Factor-Beta and Matrix Metalloproteinases: Functional Interactions in Tumor Stroma-Infiltrating Myeloid Cells. Scientific World Journal, The, 2014, 2014, 1-14.	0.8	136
4	Mesenchymal stem cells of different origin: Comparative evaluation of proliferative capacity, telomere length and pluripotency marker expression. Life Sciences, 2015, 141, 61-73.	2.0	70
5	p53 Functions in Adipose Tissue Metabolism and Homeostasis. International Journal of Molecular Sciences, 2018, 19, 2622.	1.8	68
6	Transforming growth factorâ€Î², matrix metalloproteinases, and urokinaseâ€type plasminogen activator interaction in the cancer epithelial to mesenchymal transition. Developmental Dynamics, 2018, 247, 382-395.	0.8	64
7	Mesenchymal stem cells isolated from peripheral blood and umbilical cord Whartonâ€™s jelly. Srpski Arhiv Za Celokupno Lekarstvo, 2013, 141, 178-186.	0.1	59
8	Immune Regulatory Processes of the Tumor Microenvironment under Malignant Conditions. International Journal of Molecular Sciences, 2021, 22, 13311.	1.8	54
9	Interleukin 17 inhibits myogenic and promotes osteogenic differentiation of C2C12 myoblasts by activating ERK1,2. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 838-849.	1.9	50
10	Lipopolysaccharide can modify differentiation and immunomodulatory potential of periodontal ligament stem cells via ERK1,2 signaling. Journal of Cellular Physiology, 2018, 233, 447-462.	2.0	50
11	p53 as a Dichotomous Regulator of Liver Disease: The Dose Makes the Medicine. International Journal of Molecular Sciences, 2018, 19, 921.	1.8	47
12	The Roles of Mesenchymal Stromal/Stem Cells in Tumor Microenvironment Associated with Inflammation. Mediators of Inflammation, 2016, 2016, 1-14.	1.4	35
13	Inflammatory cytokines prime adipose tissue mesenchymal stem cells to enhance malignancy of <scp>MCF</scp>â€7 breast cancer cells via transforming growth factorâ€Î²1. IUBMB Life, 2016, 68, 190-200.	1.5	35
14	Fasting improves therapeutic response in hepatocellular carcinoma through p53-dependent metabolic synergism. Science Advances, 2022, 8, eabh2635.	4.7	35
15	Low-Frequency Repetitive Transcranial Magnetic Stimulation in the Right Prefrontal Cortex Combined With Partial Sleep Deprivation in Treatment-Resistant Depression. Journal of ECT, 2014, 30, 325-331.	0.3	30
16	Urokinase type plasminogen activator mediates Interleukin-17-induced peripheral blood mesenchymal stem cell motility and transendothelial migration. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 431-444.	1.9	30
17	Characteristics of human adipose mesenchymal stem cells isolated from healthy and cancer affected people and their interactions with human breast cancer cell line M<scp>CF</scp>â€7 in vitro. Cell Biology International, 2014, 38, 254-265.	1.4	29
18	SMAD3 is essential for transforming growth factor-Î²1-induced urokinase type plasminogen activator expression and migration in transformed keratinocytes. European Journal of Cancer, 2012, 48, 1550-1557.	1.3	26

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19	Interleukin-17 modulates myoblast cell migration by inhibiting urokinase type plasminogen activator expression through p38 mitogen-activated protein kinase. International Journal of Biochemistry and Cell Biology, 2013, 45, 464-475.	1.2	25
20	IL-17 and FGF signaling involved in mouse mesenchymal stem cell proliferation. Cell and Tissue Research, 2011, 346, 305-316.	1.5	23
21	Metabolic Plasticity of Stem Cells and Macrophages in Cancer. Frontiers in Immunology, 2017, 8, 939.	2.2	23
22	The inhibition of periodontal ligament stem cells osteogenic differentiation by IL-17 is mediated via MAPKs. International Journal of Biochemistry and Cell Biology, 2016, 71, 92-101.	1.2	20
23	Transforming growth factor-Î² superfamily, implications in development and differentiation of stem cells. Biomolecular Concepts, 2012, 3, 429-445.	1.0	16
24	Improving stemness and functional features of mesenchymal stem cells from Wharton's jelly of a human umbilical cord by mimicking the native, low oxygen stem cell niche. Placenta, 2019, 82, 25-34.	0.7	16
25	Doxycycline Inhibits IL-17-Stimulated MMP-9 Expression by Downregulating ERK1/2 Activation: Implications in Myogenic Differentiation. Mediators of Inflammation, 2016, 2016, 1-11.	1.4	15
26	ILâ€33 guides osteogenesis and increases proliferation and pluripotency marker expression in dental stem cells. Cell Proliferation, 2019, 52, e12533.	2.4	14
27	Regulation of Mesenchymal Stem Cell Differentiation by Transforming Growth Factor Beta Superfamily. Current Protein and Peptide Science, 2018, 19, 1138-1154.	0.7	14
28	SKIP is required for TGFâ€Î²1â€induced epithelial mesenchymal transition and migration in transformed keratinocytes. FEBS Letters, 2010, 584, 4586-4592.	1.3	12
29	Stratifying nutritional restriction in cancer therapy: Next stop, personalized medicine. International Review of Cell and Molecular Biology, 2020, 354, 231-259.	1.6	12
30	(Dis)similarities between the Decidual and Tumor Microenvironment. Biomedicines, 2022, 10, 1065.	1.4	11
31	In vitro effects of <scp>IL</scp>â€17 on angiogenic properties of endothelial cells in relation to oxygen levels. Cell Biology International, 2013, 37, 1162-1170.	1.4	10
32	Mesenchymal stromal cell engagement in cancer cell epithelial to mesenchymal transition. Developmental Dynamics, 2018, 247, 359-367.	0.8	9
33	Immunomodulatory capacity of human mesenchymal stem cells isolated from adipose tissue, dental pulp, peripheral blood and umbilical cord Whartonâ€™s jelly. Central-European Journal of Immunology, 2013, 4, 421-429.	0.4	8
34	Skip Regulates TGF-Î²1-Induced Extracellular Matrix Degrading Proteases Expression in Human PC-3 Prostate Cancer Cells. Prostate Cancer, 2013, 2013, 1-7.	0.4	6
35	Womenâ€™s Knowledge and Awareness of the Effect of Age on Fertility in Kazakhstan. Sexes, 2020, 1, 60-71.	0.5	6
36	Nanomaterial N-CP/DLPLG as potent1onal tissue graft in osteoreparation in combination with bone marrow cells on subcutaneous implantation model. Hemijska Industrija, 2008, 62, 205-210.	0.3	6

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37	Adipoinductive effect of extracellular matrix involves cytoskeleton changes and SIRT1 activity in adipose tissue stem/stromal cells. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, S370-S382.	1.9	5
38	Combination strategies to target metabolic flexibility in cancer. International Review of Cell and Molecular Biology, 2022, , 159-197.	1.6	5
39	Regulation of the mesenchymal stem cell fate by interleukin-17: Implications in osteogenic differentiation. World Journal of Stem Cells, 2021, 13, 1696-1713.	1.3	4
40	Complementary omics strategies to dissect p53 signaling networks under nutrient stress. Cellular and Molecular Life Sciences, 2022, 79, .	2.4	4
41	BMP2 downregulates urokinase-type plasminogen activator via p38 MAPK: Implications in C2C12 cells myogenic differentiation. Acta Histochemica, 2021, 123, 151774.	0.9	2
42	p53 Regulates a miRNA-Fructose Transporter Axis in Brown Adipose Tissue Under Fasting. Frontiers in Genetics, 0, 13, .	1.1	2
43	SKIP Downregulation Increases TGF-Î²1-Induced Matrix Metalloproteinase-9 Production in Transformed Keratinocytes. Scientifica, 2012, 2012, 1-8.	0.6	1
44	Effect of denture base resin extracts on HeLa cells growth in vitro. Hemijska Industrija, 2008, 62, 217-222.	0.3	1
45	Obesity: An Emerging Importance of Progenitors. Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry, 2017, 16, .	0.5	0
46	Platelet-poor plasma of athletes is a potent inducer of myogenic differentiation of C2C12 myoblasts. Veterinarski Glasnik, 2020, 74, 18-33.	0.1	0