Slavko Mojsilovic

List of Publications by Year
in descending order

69 papers	1,335 citations	331538 21 h-index	377752 34 g-index
69 all docs	69 docs citations	69 times ranked	2348 citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	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
5	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
6	The effect of a plasma needle on bacteria in planktonic samples and on peripheral blood mesenchymal stem cells. New Journal of Physics, 2010, 12, 083037.	1.2	47
7	The potential of interleukin-17 to mediate hematopoietic response. Immunologic Research, 2012, 52, 34-41.	1.3	47
8	Interactions among myeloid regulatory cells in cancer. Cancer Immunology, Immunotherapy, 2019, 68, 645-660.	2.0	42
9	Effects of non-thermal atmospheric plasma on human periodontal ligament mesenchymal stem cells. Journal Physics D: Applied Physics, 2013, 46, 345401.	1.3	41
10	Myeloidâ€Derived Suppressor Cells in Hematologic Diseases: Promising Biomarkers and Treatment Targets. HemaSphere, 2019, 3, e168.	1.2	41
11	The Roles of Mesenchymal Stromal/Stem Cells in Tumor Microenvironment Associated with Inflammation. Mediators of Inflammation, 2016, 2016, 1-14.	1.4	35
12	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
13	Attitudes of oncologists, family doctors, medical students and lawyers to euthanasia. Supportive Care in Cancer, 1998, 6, 410-415.	1.0	30
14	Immunomodulatory effects of Trichinella spiralis-derived excretoryâ€“secretory antigens. Immunologic Research, 2015, 61, 312-325.	1.3	30
15	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
16	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
17	Characterization of antigen-presenting cells in human apical periodontitis lesions by flow cytometry and immunocytochemistry. International Endodontic Journal, 2006, 39, 626-636.	2.3	27
18	Interleukin-17 and Its Implication in the Regulation of Differentiation and Function of Hematopoietic and Mesenchymal Stem Cells. Mediators of Inflammation, 2015, 2015, 1-11.	1.4	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	Epstein-Barr virus infection induces bone resorption in apical periodontitis via increased production of reactive oxygen species. Medical Hypotheses, 2016, 94, 40-42.	0.8	22
22	Mesenchymal stem cells isolated from human periodontal ligament. Archives of Biological Sciences, 2014, 66, 261-271.	0.2	21
23	Erythrocyte membranes from slaughterhouse blood as potential drug vehicles: Isolation by gradual hypotonic hemolysis and biochemical and morphological characterization. Colloids and Surfaces B: Biointerfaces, 2014, 122, 250-259.	2.5	20
24	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
25	An Overview of Interleukin-17A and Interleukin-17 Receptor A Structure, Interaction and Signaling. Protein and Peptide Letters, 2015, 22, 570-578.	0.4	20
26	Comparative effects of aspirin and NO-releasing aspirins on differentiation, maturation and function of human monocyte-derived dendritic cells in vitro. International Immunopharmacology, 2009, 9, 910-917.	1.7	19
27	Chronic psychological stress activates <scp>BMP</scp>4â€dependent extramedullary erythropoiesis. Journal of Cellular and Molecular Medicine, 2014, 18, 91-103.	1.6	17
28	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
29	p38 MAPK signaling mediates IL-17-induced nitric oxide synthase expression in bone marrow cells. Growth Factors, 2009, 27, 79-90.	0.5	15
30	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
31	Vitamin D3 Stimulates Proliferation Capacity, Expression of Pluripotency Markers, and Osteogenesis of Human Bone Marrow Mesenchymal Stromal/Stem Cells, Partly through SIRT1 Signaling. Biomolecules, 2022, 12, 323.	1.8	15
32	ILâ€33 guides osteogenesis and increases proliferation and pluripotency marker expression in dental stem cells. Cell Proliferation, 2019, 52, e12533.	2.4	14
33	Transforming growth f<scp>actorâ€beta1</scp> and m<scp>yeloidâ€derived</scp> suppressor cells: A cancerous partnership. Developmental Dynamics, 2022, 251, 85-104.	0.8	14
34	Mesenchymal stem cell properties of dental pulp cells from deciduous teeth. Archives of Biological Sciences, 2011, 63, 933-942.	0.2	13
35	Comparison of two different protocols for the induction of maturation of human dendritic cells in vitro. Vojnosanitetski Pregled, 2004, 61, 471-478.	0.1	13
36	Gene expression profile of circulating CD34+ cells and granulocytes in chronic myeloid leukemia. Blood Cells, Molecules, and Diseases, 2015, 55, 373-381.	0.6	12

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37	Combined effect of ILâ€17 and blockade of nitric oxide biosynthesis on haematopoiesis in mice. Acta Physiologica, 2010, 199, 31-41.	1.8	11
38	N -Acetyl- l -cysteine enhances ex-vivo amplification of deciduous teeth dental pulp stem cells. Archives of Oral Biology, 2016, 70, 32-38.	0.8	11
39	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
40	Modulating stemness of mesenchymal stem cells from exfoliated deciduous and permanent teeth by ILâ€17 and bFGF. Journal of Cellular Physiology, 2021, 236, 7322-7341.	2.0	10
41	Systematic Review of the Application of Perinatal Derivatives in Animal Models on Cutaneous Wound Healing. Frontiers in Bioengineering and Biotechnology, 2021, 9, 742858.	2.0	10
42	Inflammatory niche: Mesenchymal stromal cell priming by soluble mediators. World Journal of Stem Cells, 2020, 12, 922-937.	1.3	10
43	Effects of TNF inhibitor on innate inflammatory and Th17 cytokines in stimulated whole blood from rheumatoid arthritis patients. Inflammopharmacology, 2012, 20, 323-330.	1.9	9
44	The Metabolic Features of Tumor-Associated Macrophages: Opportunities for Immunotherapy?. Analytical Cellular Pathology, 2021, 2021, 1-12.	0.7	9
45	Tumorigenic Aspects of MSC Senescenceâ€”Implication in Cancer Development and Therapy. Journal of Personalized Medicine, 2021, 11, 1133.	1.1	9
46	Signaling pathways implicated in hematopoietic progenitor cell proliferation and differentiation. Experimental Biology and Medicine, 2007, 232, 156-63.	1.1	9
47	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
48	Characterization of deciduous teeth stem cells isolated from crown dental pulp. Vojnosanitetski Pregled, 2014, 71, 735-741.	0.1	7
49	Macrophage migration inhibitory factor is an endogenous regulator of stress-induced extramedullary erythropoiesis. Histochemistry and Cell Biology, 2016, 146, 311-324.	0.8	7
50	Insight into the Biological Activity of Hennosidesâ€”Glucosides Isolated from Lawsonia inermis (henna): Could They Be Regarded as Active Constituents Instead. Plants, 2021, 10, 237.	1.6	7
51	Circulating immune complexes of calves with bronchopneumonia modulate the function of peripheral blood leukocytes: In vitro evaluation. Research in Veterinary Science, 2016, 106, 135-142.	0.9	6
52	Detrimental Effect of Various Preparations of the Human Amniotic Membrane Homogenate on the 2D and 3D Bladder Cancer In vitro Models. Frontiers in Bioengineering and Biotechnology, 2021, 9, 690358.	2.0	6
53	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
54	Application of non-equilibrium plasmas in medicine. Journal of the Serbian Chemical Society, 2012, 77, 1689-1699.	0.4	4

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55	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
56	Dental mesenchymal stromal/stem cells in different microenvironmentsâ€" implications in regenerative therapy. World Journal of Stem Cells, 2021, 13, 1863-1880.	1.3	4
57	Estramustine Phosphate Inhibits TGF-Î²-Induced Mouse Macrophage Migration and Urokinase-Type Plasminogen Activator Production. Analytical Cellular Pathology, 2018, 2018, 1-10.	0.7	2
58	Structural characteristics of circulating immune complexes in calves with bronchopneumonia: Impact on the quiescent leukocytes. Research in Veterinary Science, 2020, 133, 63-74.	0.9	2
59	Flow cytometric determination of osmotic behaviour of animal erythrocytes toward their engineering for drug delivery. Hemijska Industrija, 2015, 69, 67-76.	0.3	2
60	Proliferation And Differentiation Potential Of Canine Synovial Fluid Cells. Acta Veterinaria, 2015, 65, 66-78.	0.2	1
61	Editorial: Microenvironment-Derived Stem Cell Plasticity. Frontiers in Cell and Developmental Biology, 2017, 5, 82.	1.8	1
62	Interleukin-17 modulates uPA and MMP2 expression in human periodontal ligament mesenchymal stem cells: Involvement of the ERK1/2 MAPK pathway. Archives of Biological Sciences, 2022, 74, 15-24.	0.2	1
63	Cultivation of hamster bone marrow haematopoietic stem and progenitor cells. Acta Veterinaria, 2010, 60, 3-14.	0.2	0
64	The effects of incubation media on the assessment of the shape of human erythrocytes by flow cytometry: a contribution to mathematical data interpretation to enable wider application of the method. European Biophysics Journal, 2021, 50, 829-846.	1.2	0
65	Optimization of gradual hemolysis for isolation of hemoglobin from bovine erythrocytes. Hemijska Industrija, 2012, 66, 519-529.	0.3	0
66	Interleukin-17 Receptor A. , 2016, , 1-6.		0
67	Interleukin-17 Receptor A. , 2018, , 2702-2707.		0
68	Platelet-poor plasma of athletes is a potent inducer of myogenic differentiation of C2C12 myoblasts. Veterinarski Glasnik, 2020, 74, 18-33.	0.1	0
69	Regulation of the mesenchymal stem cell fate by interleukin-17: Implications in osteogenic differentiation. World Journal of Stem Cells, 2021, 13, 1699-1716.	1.3	0