

Mahmood A

List of Publications by Year in descending order

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44
papers

940
citations

430442

18
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476904

29
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45
all docs

45
docs citations

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times ranked

1516
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioactivities of the Green Synthesized Silver Nanoparticles Reduced Using <i>Allium cepa</i> L Aqueous Extracts Induced Apoptosis in Colorectal Cancer Cell Lines. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-13.	1.5	14
2	Decoding variants in drug-metabolizing enzymes and transporters in solid tumor patients by whole-exome sequencing. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 628-634.	1.8	6
3	Selenium Nanoparticles by Moderating Oxidative Stress Promote Differentiation of Mesenchymal Stem Cells to Osteoblasts. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 331-343.	3.3	28
4	The additive effect of iloprost on the biological properties of Mineral trioxide aggregate on mesenchymal stem cells. <i>Journal of Dental Sciences</i> , 2021, 17, 225-232.	1.2	1
5	Assessment of novel surgical procedures using decellularised muscle and bioactive ceramic: a histological analysis. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 113.	1.7	2
6	Induced Pluripotent Stem Cells (iPSCs) – Roles in Regenerative Therapies, Disease Modelling and Drug Screening. <i>Cells</i> , 2021, 10, 2319.	1.8	41
7	IL-1 β -mediated TGF β 2/SMAD signaling pathway inactivation impaired ex vivo osteogenic activity of human bone marrow-derived stromal cells. <i>Biotechnology and Biotechnological Equipment</i> , 2021, 35, 1177-1189.	0.5	0
8	Integrated Genomic Analysis Identifies ANKRD36 Gene as a Novel and Common Biomarker of Disease Progression in Chronic Myeloid Leukemia. <i>Biology</i> , 2021, 10, 1182.	1.3	5
9	Green-synthesized silver nanoparticles with aqueous extract of green algae <i>Chaetomorpha ligustica</i> and its anticancer potential. <i>Green Processing and Synthesis</i> , 2021, 10, 711-721.	1.3	14
10	The use of muscle extracellular matrix (MEM) and SCPC bioceramic for bone augmentation. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 025005.	1.7	7
11	Thermotolerance and plasticity of camel somatic cells exposed to acute and chronic heat stress. <i>Journal of Advanced Research</i> , 2020, 22, 105-118.	4.4	43
12	Transgelin is a poor prognostic factor associated with advanced colorectal cancer (CRC) stage promoting tumor growth and migration in a TGF β 2-dependent manner. <i>Cell Death and Disease</i> , 2020, 11, 341.	2.7	30
13	Polyethylene Glycol (PEG) Modified Porous Ca5(PO4)2SiO4 Bioceramics: Structural, Morphologic and Bioactivity Analysis. <i>Coatings</i> , 2020, 10, 538.	1.2	4
14	Synthesis of orotic acid derivatives and their effects on stem cell proliferation. <i>Open Chemistry</i> , 2020, 18, 620-627.	1.0	2
15	Discovery and Protein Modeling Studies of Novel Compound Mutations Causing Resistance to Multiple Tyrosine Kinase Inhibitors in Chronic Myeloid Leukemia. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 3517-3526.	0.5	0
16	Next-Generation Sequencing Identifies a Previously Uncharacterized Gene ANKRD36 As a Common Biomarker for Blast Crisis Chronic Myeloid Leukemia: Molecular and Protein Bio-Modeling Studies. <i>Blood</i> , 2020, 136, 32-33.	0.6	0
17	Convergence of TGF β 2 and BMP signaling in regulating human bone marrow stromal cell differentiation. <i>Scientific Reports</i> , 2019, 9, 4977.	1.6	15
18	Effects of all-trans retinoic acid on the <i>in vitro</i> maturation of camel (<i>Camelus dromedarius</i>) cumulus-oocyte complexes. <i>Journal of Reproduction and Development</i> , 2019, 65, 215-221.	0.5	15

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19	Differences between the tolerance of camel oocytes and cumulus cells to acute and chronic hyperthermia. <i>Journal of Thermal Biology</i> , 2018, 74, 47-54.	1.1	25
20	Whole exome sequencing identified a novel single base pair insertion mutation in the <i>EYS</i> gene in a six generation family with retinitis pigmentosa. <i>Congenital Anomalies (discontinued)</i> , 2018, 58, 10-15.	0.3	11
21	NR2F1 mediated down-regulation of osteoblast differentiation was rescued by bone morphogenetic protein-2 (BMP-2) in human MSC. <i>Differentiation</i> , 2018, 104, 36-41.	1.0	15
22	Porous Polyethylene Coated with Functionalized Hydroxyapatite Particles as a Bone Reconstruction Material. <i>Materials</i> , 2018, 11, 521.	1.3	13
23	TGF β 1-Induced Differentiation of Human Bone Marrow-Derived MSCs Is Mediated by Changes to the Actin Cytoskeleton. <i>Stem Cells International</i> , 2018, 2018, 1-14.	1.2	31
24	Cytotoxicity of Different Concentrations of Three Root Canal Sealers on Human Mesenchymal Stem Cells. <i>Biomolecules</i> , 2018, 8, 68.	1.8	27
25	Novel quinazoline-based sulfonamide derivative (3D) induces apoptosis in colorectal cancer by inhibiting JAK2–STAT3 pathway. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 3313-3322.	1.0	13
26	Cumulus cells of camel (<i>Camelus dromedarius</i>) antral follicles are multipotent stem cells. <i>Theriogenology</i> , 2018, 118, 233-242.	0.9	6
27	Novel derivative of aminobenzenesulfonamide (3c) induces apoptosis in colorectal cancer cells through ROS generation and inhibits cell migration. <i>BMC Cancer</i> , 2017, 17, 4.	1.1	32
28	Human Bone Marrow MSCs form Cartilage and Mineralized Tissue on Chitosan/Polycaprolactone (CS/PCL) Combined Nanofibrous Scaffolds. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 1771-1778.	0.9	6
29	MicroRNA-4739 regulates osteogenic and adipocytic differentiation of immortalized human bone marrow stromal cells via targeting LRP3. <i>Stem Cell Research</i> , 2017, 20, 94-104.	0.3	37
30	SERPINB2 is a novel TGF β 2-responsive lineage fate determinant of human bone marrow stromal cells. <i>Scientific Reports</i> , 2017, 7, 10797.	1.6	20
31	Isolation and characterization of the trophoctoderm from the Arabian camel (<i>Camelus dromedarius</i>). <i>Placenta</i> , 2017, 57, 113-122.	0.7	12
32	Characterization of Cellular and Molecular Heterogeneity of Bone Marrow Stromal Cells. <i>Stem Cells International</i> , 2016, 2016, 1-18.	1.2	48
33	Integrated Study of Globally Expressed microRNAs in IL-1 β -stimulated Human Osteoarthritis Chondrocytes and Osteoarthritis Relevant Genes: A Microarray and Bioinformatics Analysis. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2016, 35, 335-355.	0.4	26
34	MicroRNA-26a-5p regulates the expression of inducible nitric oxide synthase via activation of NF- κ B pathway in human osteoarthritis chondrocytes. <i>Archives of Biochemistry and Biophysics</i> , 2016, 594, 61-67.	1.4	69
35	Induction of primitive streak and mesendoderm formation in monolayer hESC culture by activation of TGF β 2 signaling pathway by Activin B. <i>Saudi Journal of Biological Sciences</i> , 2015, 22, 692-697.	1.8	4
36	Experimental immunology Zinc improves the immune function and the proliferation of lymphocytes in Cadmium-treated rats. <i>Central-European Journal of Immunology</i> , 2014, 4, 441-448.	0.4	15

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37	Cytotoxicity of QMix [®] , [®] endodontic irrigating solution on human bone marrow mesenchymal stem cells. BMC Oral Health, 2014, 14, 27.	0.8	21
38	Teratoma Formation in Immunocompetent Mice After Syngeneic and Allogeneic Implantation of Germline Capable Mouse Embryonic Stem Cells. Asian Pacific Journal of Cancer Prevention, 2013, 14, 5705-5711.	0.5	15
39	Derivation of Stromal (Skeletal and Mesenchymal) Stem-Like Cells from Human Embryonic Stem Cells. Stem Cells and Development, 2012, 21, 3114-3124.	1.1	18
40	Selective isolation and differentiation of a stromal population of human embryonic stem cells with osteogenic potential. Bone, 2011, 48, 231-241.	1.4	50
41	In Vitro Differentiation and Maturation of Human Embryonic Stem Cell into Multipotent Cells. Stem Cells International, 2011, 2011, 1-7.	1.2	12
42	DLK1 is a novel regulator of bone mass that mediates estrogen deficiency [®] induced bone loss in mice. Journal of Bone and Mineral Research, 2011, 26, 1457-1471.	3.1	57
43	Enhanced differentiation of human embryonic stem cells to mesenchymal progenitors by inhibition of TGF- β 2/activin/nodal signaling using SB-431542. Journal of Bone and Mineral Research, 2010, 25, 1216-1233.	3.1	102
44	Isolation and Differentiation of Chondrocytic Cells Derived from Human Embryonic Stem Cells Using dlk1/FA1 as a Novel Surface Marker. Stem Cell Reviews and Reports, 2009, 5, 353-368.	5.6	26