

Mahmood A

List of Publications by Year in descending order

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44
papers

940
citations

430442

18
h-index

476904

29
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45
all docs

45
docs citations

45
times ranked

1516
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced differentiation of human embryonic stem cells to mesenchymal progenitors by inhibition of TGF- β 2/activin/nodal signaling using SB-431542. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 1216-1233.	3.1	102
2	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
3	DLK1 is a novel regulator of bone mass that mediates estrogen deficiency-induced bone loss in mice. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 1457-1471.	3.1	57
4	Selective isolation and differentiation of a stromal population of human embryonic stem cells with osteogenic potential. <i>Bone</i> , 2011, 48, 231-241.	1.4	50
5	Characterization of Cellular and Molecular Heterogeneity of Bone Marrow Stromal Cells. <i>Stem Cells International</i> , 2016, 2016, 1-18.	1.2	48
6	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
7	Induced Pluripotent Stem Cells (iPSCs) Roles in Regenerative Therapies, Disease Modelling and Drug Screening. <i>Cells</i> , 2021, 10, 2319.	1.8	41
8	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
9	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
10	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
11	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
12	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
13	Cytotoxicity of Different Concentrations of Three Root Canal Sealers on Human Mesenchymal Stem Cells. <i>Biomolecules</i> , 2018, 8, 68.	1.8	27
14	Isolation and Differentiation of Chondrocytic Cells Derived from Human Embryonic Stem Cells Using dlk1/FA1 as a Novel Surface Marker. <i>Stem Cell Reviews and Reports</i> , 2009, 5, 353-368.	5.6	26
15	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
16	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
17	Cytotoxicity of QMix ® endodontic irrigating solution on human bone marrow mesenchymal stem cells. <i>BMC Oral Health</i> , 2014, 14, 27.	0.8	21
18	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

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19	Derivation of Stromal (Skeletal and Mesenchymal) Stem-Like Cells from Human Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2012, 21, 3114-3124.	1.1	18
20	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
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	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
23	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
24	Teratoma Formation in Immunocompetent Mice After Syngeneic and Allogeneic Implantation of Germline Capable Mouse Embryonic Stem Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 5705-5711.	0.5	15
25	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
26	Bioactivities of the Green Synthesized Silver Nanoparticles Reduced Using Allium cepa L Aqueous Extracts Induced Apoptosis in Colorectal Cancer Cell Lines. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-13.	1.5	14
27	Porous Polyethylene Coated with Functionalized Hydroxyapatite Particles as a Bone Reconstruction Material. <i>Materials</i> , 2018, 11, 521.	1.3	13
28	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
29	In Vitro Differentiation and Maturation of Human Embryonic Stem Cell into Multipotent Cells. <i>Stem Cells International</i> , 2011, 2011, 1-7.	1.2	12
30	Isolation and characterization of the trophectoderm from the Arabian camel (<i>Camelus dromedarius</i>). <i>Placenta</i> , 2017, 57, 113-122.	0.7	12
31	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
32	The use of muscle extracellular matrix (MEM) and SCPC bioceramic for bone augmentation. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 025005.	1.7	7
33	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
34	Cumulus cells of camel (<i>Camelus dromedarius</i>) antral follicles are multipotent stem cells. <i>Theriogenology</i> , 2018, 118, 233-242.	0.9	6
35	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
36	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

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37	Induction of primitive streak and mesendoderm formation in monolayer hESC culture by activation of TGF- β 2 signaling pathway by Activin B. Saudi Journal of Biological Sciences, 2015, 22, 692-697.	1.8	4
38	Polyethylene Glycol (PEG) Modified Porous Ca ₅ (PO ₄) ₂ SiO ₄ Bioceramics: Structural, Morphologic and Bioactivity Analysis. Coatings, 2020, 10, 538.	1.2	4
39	Assessment of novel surgical procedures using decellularised muscle and bioactive ceramic: a histological analysis. Journal of Materials Science: Materials in Medicine, 2021, 32, 113.	1.7	2
40	Synthesis of orotic acid derivatives and their effects on stem cell proliferation. Open Chemistry, 2020, 18, 620-627.	1.0	2
41	The additive effect of iloprost on the biological properties of Mineral trioxide aggregate on mesenchymal stem cells. Journal of Dental Sciences, 2021, 17, 225-232.	1.2	1
42	IL-1 β -mediated TGF β 2/SMAD signaling pathway inactivation impaired ex vivo osteogenic activity of human bone marrow-derived stromal cells. Biotechnology and Biotechnological Equipment, 2021, 35, 1177-1189.	0.5	0
43	Discovery and Protein Modeling Studies of Novel Compound Mutations Causing Resistance to Multiple Tyrosine Kinase Inhibitors in Chronic Myeloid Leukemia. Asian Pacific Journal of Cancer Prevention, 2020, 21, 3517-3526.	0.5	0
44	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. Blood, 2020, 136, 32-33.	0.6	0