

Dong Suk Yoon

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,501
citations

304743

22
h-index

361022

35
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37
all docs

37
docs citations

37
times ranked

2639
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell recruiting chemokine-loaded sprayable gelatin hydrogel dressings for diabetic wound healing. <i>Acta Biomaterialia</i> , 2016, 38, 59-68.	8.3	142
2	SIRT1 Directly Regulates SOX2 to Maintain Self-Renewal and Multipotency in Bone Marrow-Derived Mesenchymal Stem Cells. <i>Stem Cells</i> , 2014, 32, 3219-3231.	3.2	107
3	Importance of Sox2 in maintenance of cell proliferation and multipotency of mesenchymal stem cells in low-density culture. <i>Cell Proliferation</i> , 2011, 44, 428-440.	5.3	100
4	Zinc Promotes Osteoblast Differentiation in Human Mesenchymal Stem Cells Via Activation of the cAMP-PKA-CREB Signaling Pathway. <i>Stem Cells and Development</i> , 2018, 27, 1125-1135.	2.1	99
5	Cellular localization of NRF2 determines the self-renewal and osteogenic differentiation potential of human MSCs via the P53-SIRT1 axis. <i>Cell Death and Disease</i> , 2016, 7, e2093-e2093.	6.3	85
6	microRNA-495 Inhibits Chondrogenic Differentiation in Human Mesenchymal Stem Cells by Targeting Sox9. <i>Stem Cells and Development</i> , 2014, 23, 1798-1808.	2.1	79
7	Zinc inhibits osteoclast differentiation by suppression of Ca ²⁺ -Calcineurin-NFATc1 signaling pathway. <i>Cell Communication and Signaling</i> , 2013, 11, 74.	6.5	67
8	Measurement of Intracellular ROS in <i>Caenorhabditis elegans</i> Using 2,7-Dichlorodihydrofluorescein Diacetate. <i>Bio-protocol</i> , 2018, 8, .	0.4	64
9	Dual actions of osteoclastic-inhibition and osteogenic-stimulation through strontium-releasing bioactive nanoscale cement imply biomaterial-enabled osteoporosis therapy. <i>Biomaterials</i> , 2021, 276, 121025.	11.4	62
10	Characterization of Different Subpopulations from Bone Marrow-Derived Mesenchymal Stromal Cells by Alkaline Phosphatase Expression. <i>Stem Cells and Development</i> , 2012, 21, 2958-2968.	2.1	55
11	Characterization of adipose tissue-derived stromal vascular fraction for clinical application to cartilage regeneration. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 142-150.	1.5	54
12	In Situ Recruitment of Human Bone Marrow-Derived Mesenchymal Stem Cells Using Chemokines for Articular Cartilage Regeneration. <i>Cell Transplantation</i> , 2015, 24, 1067-1083.	2.5	52
13	Revascularization and limb salvage following critical limb ischemia by nanoceria-induced Ref-1/APE1-dependent angiogenesis. <i>Biomaterials</i> , 2020, 242, 119919.	11.4	52
14	miR-449a Regulates the Chondrogenesis of Human Mesenchymal Stem Cells Through Direct Targeting of Lymphoid Enhancer-Binding Factor-1. <i>Stem Cells and Development</i> , 2012, 21, 3298-3308.	2.1	47
15	The Effects of COX-2 Inhibitor During Osteogenic Differentiation of Bone Marrow-Derived Human Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2010, 19, 1523-1533.	2.1	45
16	Triclosan Disrupts SKN-1/Nrf2-Mediated Oxidative Stress Response in <i>C. elegans</i> and Human Mesenchymal Stem Cells. <i>Scientific Reports</i> , 2017, 7, 12592.	3.3	36
17	Interleukin-6 induces the lineage commitment of bone marrow-derived mesenchymal multipotent cells through down-regulation of Sox2 by osteogenic transcription factors. <i>FASEB Journal</i> , 2014, 28, 3273-3286.	0.5	35
18	Different effects of resveratrol on early and late passage mesenchymal stem cells through β -catenin regulation. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 1026-1032.	2.1	34

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19	Inhibition of microRNA-449a prevents IL-1 β -induced cartilage destruction via SIRT1. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 2153-2161.	1.3	34
20	TLR4 downregulation by the RNA-binding protein PUM1 alleviates cellular aging and osteoarthritis. <i>Cell Death and Differentiation</i> , 2022, 29, 1364-1378.	11.2	31
21	Synergistic Action of IL-8 and Bone Marrow Concentrate on Cartilage Regeneration Through Upregulation of Chondrogenic Transcription Factors. <i>Tissue Engineering - Part A</i> , 2016, 22, 363-374.	3.1	30
22	Enhancement of Mesenchymal Stem Cell-Driven Bone Regeneration by Resveratrol-Mediated SOX2 Regulation. , 2019, 10, 818.		28
23	MPK ϵ /ERK is required for the full activity of resveratrol in extended lifespan and reproduction. <i>Aging Cell</i> , 2019, 18, e12867.	6.7	26
24	Inhibition of STAT5A promotes osteogenesis by DLX5 regulation. <i>Cell Death and Disease</i> , 2018, 9, 1136.	6.3	24
25	A simple and rapid method for combining fluorescent in situ RNA hybridization (FISH) and immunofluorescence in the <i>C. elegans</i> germline. <i>MethodsX</i> , 2016, 3, 378-385.	1.6	23
26	Electricity auto-generating skin patch promotes wound healing process by activation of mechanosensitive ion channels. <i>Biomaterials</i> , 2021, 275, 120948.	11.4	18
27	Subunits of the <sc>DNA</sc> polymerase alpha ϵ primase complex promote Notch ϵ mediated proliferation with discrete and shared functions in <i>C. elegans</i> germline. <i>FEBS Journal</i> , 2018, 285, 2590-2604.	4.7	13
28	MPK-1/ERK regulatory network controls the number of sperm by regulating timing of sperm-oocyte switch in <i>C. elegans</i> germline. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 1077-1082.	2.1	12
29	Development of stabilized dual growth factor-loaded hyaluronate collagen dressing matrix. <i>Journal of Tissue Engineering</i> , 2021, 12, 204173142199975.	5.5	12
30	Cellular and Tissue Selectivity of AAV Serotypes for Gene Delivery to Chondrocytes and Cartilage. <i>International Journal of Medical Sciences</i> , 2021, 18, 3353-3360.	2.5	9
31	A Phenotype-Based RNAi Screening for Ras-ERK/MAPK Signaling-Associated Stem Cell Regulators in <i>C. elegans</i> . <i>Methods in Molecular Biology</i> , 2017, 1622, 207-221.	0.9	6
32	Non-Ionic Surfactants Antagonize Toxicity of Potential Phenolic Endocrine-Disrupting Chemicals, Including Triclosan in. <i>Molecules and Cells</i> , 2018, 41, 1052-1060.	2.6	6
33	Downregulation of MicroRNA-495 Alleviates IL-1 β Responses among Chondrocytes by Preventing SOX9 Reduction. <i>Yonsei Medical Journal</i> , 2021, 62, 650.	2.2	5
34	Drug repositioning of polaprezinc for bone fracture healing. <i>Communications Biology</i> , 2022, 5, 462.	4.4	5
35	Comparison of Efficiency of Self-renewal and Differentiation Potential in Tendon-derived Mesenchymal Stem Cells Isolated by Magnetic-activated Cell Sorting Method or Colony Picking Method. <i>Journal of Korean Foot and Ankle Society</i> , 2014, 18, 100.	0.1	1