

Shigeru Miyaki

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,495
citations

687363

13
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

2773
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal Stem Cell-derived exosomes accelerate skeletal muscle regeneration. <i>FEBS Letters</i> , 2015, 589, 1257-1265.	2.8	420
2	Mesenchymal Stem Cell-Derived Exosomes Promote Fracture Healing in a Mouse Model. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1620-1630.	3.3	325
3	Exosome-formed synthetic microRNA-143 is transferred to osteosarcoma cells and inhibits their migration. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 381-387.	2.1	213
4	Macro view of microRNA function in osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2012, 8, 543-552.	8.0	199
5	Bach1 deficiency reduces severity of osteoarthritis through upregulation of heme oxygenase-1. <i>Arthritis Research and Therapy</i> , 2015, 17, 285.	3.5	65
6	Inhibition of microRNA-222 expression accelerates bone healing with enhancement of osteogenesis, chondrogenesis, and angiogenesis in a rat refractory fracture model. <i>Journal of Orthopaedic Science</i> , 2016, 21, 852-858.	1.1	51
7	Histological scoring system for subchondral bone changes in murine models of joint aging and osteoarthritis. <i>Scientific Reports</i> , 2020, 10, 10077.	3.3	34
8	Attenuation of cartilage degeneration by calcitonin gene-related peptide receptor antagonist via inhibition of subchondral bone sclerosis in osteoarthritis mice. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1177-1184.	2.3	25
9	Histological Evaluation of Early-Phase Changes in the Osteochondral Unit After Microfracture in a Full-Thickness Cartilage Defect Rat Model. <i>American Journal of Sports Medicine</i> , 2018, 46, 3032-3039.	4.2	23
10	The Benefit of Minced Cartilage Over Isolated Chondrocytes in Atelocollagen Gel on Chondrocyte Proliferation and Migration. <i>Cartilage</i> , 2021, 12, 93-101.	2.7	23
11	IL-1 β Enhances Wnt Signal by Inhibiting DKK1. <i>Inflammation</i> , 2018, 41, 1945-1954.	3.8	18
12	Pharmacological Targeting of Heme Oxygenase-1 in Osteoarthritis. <i>Antioxidants</i> , 2021, 10, 419.	5.1	16
13	Carnosic acid attenuates cartilage degeneration through induction of heme oxygenase-1 in human articular chondrocytes. <i>European Journal of Pharmacology</i> , 2018, 830, 1-8.	3.5	15
14	Repair of an Osteochondral Defect With Minced Cartilage Embedded in Atelocollagen Gel: A Rabbit Model. <i>American Journal of Sports Medicine</i> , 2019, 47, 2216-2224.	4.2	15
15	The delaying effect of alpha-glycerophosphocholine on senescence, transthyretin deposition, and osteoarthritis in senescence-accelerated mouse prone 8 mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 647-653.	1.3	14
16	Carnosic acid protects starvation-induced SH-SY5Y cell death through Erk1/2 and Akt pathways, autophagy, and FoxO3a. <i>International Journal of Food Sciences and Nutrition</i> , 2016, 67, 977-982.	2.8	13
17	Role of vasoactive intestinal peptide in the progression of osteoarthritis through bone sclerosis and angiogenesis in subchondral bone. <i>Journal of Orthopaedic Science</i> , 2020, 25, 897-906.	1.1	13
18	The therapeutic capacity of bone marrow MSC-derived extracellular vesicles in Achilles tendon healing is passage-dependent and indicated by specific glycans. <i>FEBS Letters</i> , 2022, 596, 1047-1058.	2.8	6

#	ARTICLE	IF	CITATIONS
19	Therapeutic effect of targeting Substance P on the progression of osteoarthritis. <i>Modern Rheumatology</i> , 2022, 32, 1175-1185.	1.8	4
20	Tendon-Specific Dicer Deficient Mice Exhibit Hypoplastic Tendon Through the Downregulation of Tendon-Related Genes and MicroRNAs. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	3.7	3