

Jae-sung Kim

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,577
citations

304368

22
h-index

301761

39
g-index

49
all docs

49
docs citations

49
times ranked

2593
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA-146a is linked to pain-related pathophysiology of osteoarthritis. <i>Gene</i> , 2011, 480, 34-41.	1.0	181
2	Alteration of sensory neurons and spinal response to an experimental osteoarthritis pain model. <i>Arthritis and Rheumatism</i> , 2010, 62, 2995-3005.	6.7	149
3	MicroRNA-146a reduces IL-1 dependent inflammatory responses in the intervertebral disc. <i>Gene</i> , 2015, 555, 80-87.	1.0	91
4	Autogenous teeth used for bone grafting: a comparison with traditional grafting materials. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2014, 117, e39-e45.	0.2	89
5	Altered Spinal MicroRNA-146a and the MicroRNA-183 Cluster Contribute to Osteoarthritic Pain in Knee Joints. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 2512-2522.	3.1	73
6	Lactoferricin mediates anti-inflammatory and anti-catabolic effects via inhibition of IL-1 and LPS activity in the intervertebral disc. <i>Journal of Cellular Physiology</i> , 2013, 228, 1884-1896.	2.0	68
7	Oleamide suppresses inflammatory responses in LPS-induced RAW264.7 murine macrophages and alleviates paw edema in a carrageenan-induced inflammatory rat model. <i>International Immunopharmacology</i> , 2018, 56, 179-185.	1.7	64
8	The rat intervertebral disk degeneration pain model: relationships between biological and structural alterations and pain. <i>Arthritis Research and Therapy</i> , 2011, 13, R165.	1.6	60
9	Insulin-like growth factor 1 synergizes with bone morphogenetic protein 7-mediated anabolism in bovine intervertebral disc cells. <i>Arthritis and Rheumatism</i> , 2010, 62, 3706-3715.	6.7	53
10	Toll-like receptor adaptor signaling molecule MyD88 on intervertebral disk homeostasis: In vitro, ex vivo studies. <i>Gene</i> , 2012, 505, 283-290.	1.0	51
11	Licochalcone-A induces intrinsic and extrinsic apoptosis via ERK1/2 and p38 phosphorylation-mediated TRAIL expression in head and neck squamous carcinoma FaDu cells. <i>Food and Chemical Toxicology</i> , 2015, 77, 34-43.	1.8	47
12	Biochanin-A antagonizes the interleukin-1 β -induced catabolic inflammation through the modulation of NF κ B cellular signaling in primary rat chondrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 723-730.	1.0	43
13	Characterization of a new animal model for evaluation and treatment of back pain due to lumbar facet joint osteoarthritis. <i>Arthritis and Rheumatism</i> , 2011, 63, 2966-2973.	6.7	42
14	Aqueous extract of <i>Codium fragile</i> alleviates osteoarthritis through the MAPK/NF κ B pathways in IL-1 β -induced rat primary chondrocytes and a rat osteoarthritis model. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 264-270.	2.5	41
15	Berberine induces FasL-related apoptosis through p38 activation in KB human oral cancer cells. <i>Oncology Reports</i> , 2015, 33, 1775-1782.	1.2	36
16	Aqueous extract of <i>Codium fragile</i> suppressed inflammatory responses in lipopolysaccharide-stimulated RAW264.7 cells and carrageenan-induced rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 1055-1064.	2.5	36
17	Chondroprotective effects of aqueous extract of <i>Anthriscus sylvestris</i> leaves on osteoarthritis in vitro and in vivo through MAPKs and NF- κ B signaling inhibition. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1202-1211.	2.5	35
18	Purification and characterization of a novel fibrinolytic \pm chymotrypsin like serine metalloprotease from the edible mushroom, <i>Lyophyllum shimeji</i> . <i>Journal of Bioscience and Bioengineering</i> , 2014, 117, 544-550.	1.1	33

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19	Lactoferricin mediates anabolic and anti-catabolic effects in the intervertebral disc. <i>Journal of Cellular Physiology</i> , 2012, 227, 1512-1520.	2.0	31
20	Development of an Experimental Animal Model for Lower Back Pain by Percutaneous Injury-Induced Lumbar Facet Joint Osteoarthritis. <i>Journal of Cellular Physiology</i> , 2015, 230, 2837-2847.	2.0	30
21	Induction of apoptosis by diphenyldifluoroketone in osteogenic sarcoma cells is associated with activation of caspases. <i>Oncology Reports</i> , 2014, 31, 2286-2292.	1.2	26
22	MicroRNA-205 suppresses the oral carcinoma oncogenic activity via down-regulation of Axin-2 in KB human oral cancer cell. <i>Molecular and Cellular Biochemistry</i> , 2014, 387, 71-79.	1.4	24
23	MicroRNA-203 Induces Apoptosis by Targeting <i>Bmi-1</i> in YD-38 Oral Cancer Cells. <i>Anticancer Research</i> , 2018, 38, 3477-3485.	0.5	24
24	Formononetin Antagonizes the Interleukin-1 β -Induced Catabolic Effects Through Suppressing Inflammation in Primary Rat Chondrocytes. <i>Inflammation</i> , 2019, 42, 1426-1440.	1.7	24
25	The effect of decompression as treatment of the cysts in the jaws: retrospective analysis. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2017, 43, 83.	0.3	23
26	Biochanin-A induces apoptosis and suppresses migration in FaDu human pharynx squamous carcinoma cells. <i>Oncology Reports</i> , 2017, 38, 2985-2992.	1.2	22
27	Licochalcone-E induces caspase-dependent death of human pharyngeal squamous carcinoma cells through the extrinsic and intrinsic apoptotic signaling pathways. <i>Oncology Letters</i> , 2017, 13, 3662-3668.	0.8	21
28	Coumestrol Counteracts Interleukin-1 β -Induced Catabolic Effects by Suppressing Inflammation in Primary Rat Chondrocytes. <i>Inflammation</i> , 2017, 40, 79-91.	1.7	19
29	Adenosine induces intrinsic apoptosis via the PI3K/Akt/mTOR signaling pathway in human pharyngeal squamous carcinoma FaDu cells. <i>Oncology Letters</i> , 2018, 15, 6489-6496.	0.8	16
30	Suppression of Oral Carcinoma Oncogenic Activity by microRNA-203 via Down-regulation of SEMA6A. , 2017, 37, 5425-5433.		16
31	Cynaroside protects human periodontal ligament cells from lipopolysaccharide-induced damage and inflammation through suppression of NF- κ B activation. <i>Archives of Oral Biology</i> , 2020, 120, 104944.	0.8	13
32	Downregulation of adenomatous polyposis coli by microRNA-663 promotes odontogenic differentiation through activation of Wnt/beta-catenin signaling. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 894-900.	1.0	12
33	Effects of Platelet-Derived Material (Platelet-Rich Fibrin) on Bone Regeneration. <i>Implant Dentistry</i> , 2019, 28, 244-255.	1.7	12
34	25-Hydroxycholesterol-Induced Oxidative Phagocytosis in L929 Mouse Fibroblast Cell Line. <i>Molecules</i> , 2022, 27, 199.	1.7	11
35	<i>In Vivo</i> and <i>In Vitro</i> Anti-Inflammatory Effects of Aqueous Extract of <i>Anthriscus sylvestris</i> Leaves. <i>Journal of Medicinal Food</i> , 2018, 21, 585-595.	0.8	9
36	Oxysterol 25-hydroxycholesterol as a metabolic pathophysiological factors of osteoarthritis induces apoptosis in primary rat chondrocytes. <i>Korean Journal of Physiology and Pharmacology</i> , 2020, 24, 249-257.	0.6	9

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37	Formononetin induces apoptotic cell death through the suppression of mitogen-activated protein kinase and nuclear factor- κ B phosphorylation in FaDu human head and neck squamous cell carcinoma cells. <i>Oncology Reports</i> , 2020, 43, 700-710.	1.2	8
38	Acteoside Counteracts Interleukin-1 β -Induced Catabolic Processes through the Modulation of Mitogen-Activated Protein Kinases and the NF κ B Cellular Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-16.	1.9	7
39	Anticatabolic Effects of Morin through the Counteraction of Interleukin-1 β -Induced Inflammation in Rat Primary Chondrocytes. <i>Cells Tissues Organs</i> , 2019, 207, 21-33.	1.3	6
40	25-Hydroxycholesterol Induces Death Receptor-mediated Extrinsic and Mitochondria-dependent Intrinsic Apoptosis in Head and Neck Squamous Cell Carcinoma Cells. <i>Anticancer Research</i> , 2020, 40, 779-788.	0.5	6
41	Phenformin Induces Caspase-dependent Apoptosis of FaDu Head and Neck Squamous Cell Carcinoma Cells. <i>Anticancer Research</i> , 2019, 39, 3499-3506.	0.5	4
42	The Effect of the Prethanol Extract of <i>Trifolium pratense</i> Leaves on Interleukin-1 β -Induced Cartilage Matrix Degradation in Primary Rat Chondrocytes. <i>Cells Tissues Organs</i> , 2018, 206, 95-105.	1.3	3
43	Protective effects of fusidic acid against sodium nitroprusside-induced apoptosis in C6 glial cells. <i>NeuroReport</i> , 2019, 30, 1222-1229.	0.6	3
44	Radiological evaluation of the bone and soft tissue thicknesses of the palate for using a miniscrew-supported maxillary skeletal expander. <i>Surgical and Radiologic Anatomy</i> , 2021, 43, 1001-1008.	0.6	1
45	Histomorphometric analysis of the sinus lateral wall and Schneiderian membrane: A cadaveric study. <i>Archives of Oral Biology</i> , 2021, 132, 105277.	0.8	1
46	Anti-tumor effect of licochalcone-E is mediated by caspase-dependent apoptosis through extrinsic and intrinsic apoptotic signaling pathways in KB cancer cells. <i>Oral Biology Research</i> , 2017, 41, 191-200.	0.0	1
47	Bavachin counteracts receptor activator of nuclear factor- κ B-induced osteoclastogenesis through the suppression of nuclear factor- κ B signaling pathway in RAW264.7 cells. <i>Oral Biology Research</i> , 2018, 42, 130-139.	0.0	1