Hye-Seon Choi

List of Publications by Year
in descending order

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76	2,056	185998	288905
papers	citations	28 h-index	40 g-index

77	77	77	2906
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quercetin reduces obesity-induced hepatosteatosis by enhancing mitochondrial oxidative metabolism via heme oxygenase-1. Nutrition and Metabolism, 2015, 12, 33.	1.3	103
2	Gold Nanoparticles Inhibited the Receptor Activator of Nuclear Factor-ÎºB Ligand (RANKL)-Induced Osteoclast Formation by Acting as an Antioxidant. Bioscience, Biotechnology and Biochemistry, 2010, 74, 2209-2213.	0.6	102
3	Curcumin protects against ovariectomyâ€induced bone loss and decreases osteoclastogenesis. Journal of Cellular Biochemistry, 2011, 112, 3159-3166.	1.2	71
4	MicroRNA-183 increases osteoclastogenesis by repressing heme oxygenase-1. Bone, 2015, 81, 237-246.	1.4	69
5	Saturated fatty acids enhance osteoclast survival. Journal of Lipid Research, 2010, 51, 892-899.	2.0	58
6	Absence of MCPâ€1 leads to elevated bone mass via impaired actin ring formation. Journal of Cellular Physiology, 2012, 227, 1619-1627.	2.0	57
7	Rutin inhibits osteoclast formation by decreasing reactive oxygen species and TNF-Î± by inhibiting activation of NF-ÎºB. Experimental and Molecular Medicine, 2008, 40, 52.	3.2	55
8	Osteoclastogenesis by Bone Marrow-Derived Macrophages Is Enhanced in Obese Mice. Journal of Nutrition, 2009, 139, 502-506.	1.3	51
9	TNFRSF14 deficiency protects against ovariectomy-induced adipose tissue inflammation. Journal of Endocrinology, 2014, 220, 25-33.	1.2	51
10	Hypothalamic lipidâ€laden astrocytes induce microglia migration and activation. FEBS Letters, 2017, 591, 1742-1751.	1.3	51
11	Quercetin Protects Obesity-Induced Hypothalamic Inflammation by Reducing Microglia-Mediated Inflammatory Responses via HO-1 Induction. Nutrients, 2017, 9, 650.	1.7	51
12	Recombinant glucocorticoid induced tumor necrosis factor receptor (rGITR) induces NOS in murine macrophage. FEBS Letters, 2002, 514, 275-280.	1.3	48
13	Protective Effects of an Extract of Young Radish (Raphanus sativus L) Cultivated with Sulfur (Sulfur-Radish Extract) and of Sulforaphane on Carbon Tetrachloride-Induced Hepatotoxicity. Bioscience, Biotechnology and Biochemistry, 2008, 72, 1176-1182.	0.6	48
14	Purification and Some Properties of a Î²-Glucosidase from Trichoderma harzianum Type C-4. Bioscience, Biotechnology and Biochemistry, 2001, 65, 2028-2032.	0.6	45
15	Saturated fatty acids enhance osteoclast survival. Journal of Lipid Research, 2010, 51, 892-899.	2.0	42
16	Soluble glucocorticoid-induced tumor necrosis factor receptor (sGITR) increased MMP-9 activity in murine macrophage. Journal of Cellular Biochemistry, 2003, 88, 1048-1056.	1.2	41
17	Induction of Heme Oxygenase-1 with Hemin Reduces Obesity-Induced Adipose Tissue Inflammation via Adipose Macrophage Phenotype Switching. Mediators of Inflammation, 2014, 2014, 1-10.	1.4	41
18	Purification and partial characterization of a fibrinolytic protease inPleurotus ostreatus. Mycologia, 1998, 90, 674-679.	0.8	38

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19	Hemeoxygenase-1 maintains bone mass via attenuating a redox imbalance in osteoclast. Molecular and Cellular Endocrinology, 2015, 409, 11-20.	1.6	36
20	Induction of heme oxygenase-1 with dietary quercetin reduces obesity-induced hepatic inflammation through macrophage phenotype switching. Nutrition Research and Practice, 2016, 10, 623.	0.7	34
21	4-Phenylbutyric acid protects against lipopolysaccharide-induced bone loss by modulating autophagy in osteoclasts. Biochemical Pharmacology, 2018, 151, 9-17.	2.0	34
22	Lipopolysaccharide (LPS)-Induced Autophagy Is Responsible for Enhanced Osteoclastogenesis. Molecules and Cells, 2017, 40, 880-887.	1.0	34
23	Fibrinolytic and antithrombotic protease fromGanoderma lucidum. Mycologia, 2000, 92, 545-552.	0.8	32
24	Enhanced Osteoclastogenesis in 4-1BB-Deficient Mice Caused by Reduced Interleukin-10. Journal of Bone and Mineral Research, 2006, 21, 1907-1912.	3.1	32
25	Fibrinolytic and Antithrombotic Protease from Spirodela polyrhiza. Bioscience, Biotechnology and Biochemistry, 2001, 65, 781-786.	0.6	30
26	Platinum nanoparticles reduce ovariectomy-induced bone loss by decreasing osteoclastogenesis. Experimental and Molecular Medicine, 2012, 44, 432.	3.2	30
27	Fibrinolytic and Antithrombotic Protease from Ganoderma lucidum. Mycologia, 2000, 92, 545.	0.8	29
28	RECOMBINANT GLUCOCORTICOID INDUCED TUMOUR NECROSIS FACTOR RECEPTOR (rGITR) INDUCED COX-2 ACTIVITY IN MURINE MACROPHAGE Raw 264.7 CELLS. Cytokine, 2002, 19, 187-192.	1.4	28
29	MCP-1 deficiency enhances browning of adipose tissue via increased M2 polarization. Journal of Endocrinology, 2019, 242, 91-101.	1.2	28
30	eIF2Î± phosphorylation is required to prevent hepatocyte death and liver fibrosis in mice challenged with a high fructose diet. Nutrition and Metabolism, 2017, 14, 48.	1.3	27
31	Monocyte Chemoattractant Protein-1 Deficiency Attenuates Oxidative Stress and Protects against Ovariectomy-Induced Chronic Inflammation in Mice. PLoS ONE, 2013, 8, e72108.	1.1	27
32	Purification and Partial Characterization of a Fibrinolytic Protease in Pleurotus ostreatus. Mycologia, 1998, 90, 674.	0.8	26
33	MicroRNA-155 induces autophagy in osteoclasts by targeting transforming growth factor Î²-activated kinase 1-binding protein 2 upon lipopolysaccharide stimulation. Bone, 2018, 116, 279-289.	1.4	26
34	A signal through 4-1BB ligand inhibits receptor for activation of nuclear factor-Î¹B ligand (RANKL)-induced osteoclastogenesis by increasing interferon (IFN)-beta production. FEBS Letters, 2006, 580, 1601-1606.	1.3	25
35	Identification of Nitric Oxide Synthase in Flammulina velutipes. Mycologia, 2000, 92, 1027.	0.8	23
36	The anticoagulant fraction from the leaves ofDiospyros kaki L. has an antithrombotic activity. Archives of Pharmacal Research, 2005, 28, 667-674.	2.7	23

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37	Stimulation of osteoclastogenesis by enhanced levels of MIP-1Î± in BALB/c mice in vitro. Experimental Hematology, 2007, 35, 1100-1108.	0.2	23
38	Reactive oxygen species induce the association of SHP-1 with c-Src and the oxidation of both to enhance osteoclast survival. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E61-E70.	1.8	23
39	MicroRNA-29b Enhances Osteoclast Survival by Targeting BCL-2-Modifying Factor after Lipopolysaccharide Stimulation. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-11.	1.9	23
40	Identification of nitric oxide synthase in Flammulina velutipes. Mycologia, 2000, 92, 1027-1032.	0.8	22
41	The soluble glucocorticoid-induced tumor necrosis factor receptor causes cell cycle arrest and apoptosis in murine macrophages. Biochemical and Biophysical Research Communications, 2004, 316, 24-32.	1.0	21
42	4â€‰<scp>BBL</scp> signaling promotes cell proliferation through reprogramming of glucose metabolism in monocytes/macrophages. FEBS Journal, 2015, 282, 1468-1480.	2.2	21
43	Deficiency of fibroblast growth factor 21 aggravates obesity-induced atrophic responses in skeletal muscle. Journal of Inflammation, 2019, 16, 17.	1.5	21
44	Lycorine Attenuates Autophagy in Osteoclasts via an Axis of mROS/TRPML1/TFEB to Reduce LPS-Induced Bone Loss. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-11.	1.9	20
45	Corn silk induces nitric oxide synthase in murine macrophages. Experimental and Molecular Medicine, 2004, 36, 545-550.	3.2	19
46	Soluble glucocorticoid-induced tumor necrosis factor receptor (sGITR) stimulates osteoclast differentiation in response to receptor activator of NF-ÎºB ligand (RANKL) in osteoclast cells. Bone, 2005, 36, 832-839.	1.4	19
47	Soluble glucocorticoid-induced tumor necrosis factor receptor stimulates osteoclastogenesis by down-regulation of osteoprotegerin in bone marrow stromal cells. Bone, 2006, 39, 716-723.	1.4	19
48	Increased Fat Due to Estrogen Deficiency Induces Bone Loss by Elevating Monocyte Chemoattractant Protein-1 (MCP-1) Production. Molecules and Cells, 2010, 29, 277-282.	1.0	19
49	Carbon monoxide protects against ovariectomy-induced bone loss by inhibiting osteoclastogenesis. Biochemical Pharmacology, 2013, 85, 1145-1152.	2.0	19
50	Dauricine Protects from LPS-Induced Bone Loss via the ROS/PP2A/NF-ÎºB Axis in Osteoclasts. Antioxidants, 2020, 9, 588.	2.2	19
51	Secretions of MMP-9 by soluble glucocorticoid-induced tumor necrosis factor receptor (sGITR) mediated by protein kinase C (PKC)? and phospholipase D (PLD) in murine macrophage. Journal of Cellular Biochemistry, 2004, 92, 481-490.	1.2	18
52	Purification and Characterization of Cysteine Protease fromPleurotus ostreatus. Bioscience, Biotechnology and Biochemistry, 1998, 62, 1416-1418.	0.6	16
53	Atherogenic diet-induced bone loss is primarily due to increased osteoclastogenesis in mice. Journal of Nutritional Biochemistry, 2020, 79, 108337.	1.9	16
54	Anticoagulant fromTaraxacum platycarpum. Bioscience, Biotechnology and Biochemistry, 2002, 66, 1859-1864.	0.6	15

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55	7-ketocholesterol enhances autophagy via the ROS-TFEB signaling pathway in osteoclasts. Journal of Nutritional Biochemistry, 2021, 96, 108783.	1.9	15
56	Lack of NOD2 attenuates ovariectomy-induced bone loss via inhibition of osteoclasts. Journal of Endocrinology, 2017, 235, 85-96.	1.2	13
57	Soluble glucocorticoid-induced TNF receptor (sGITR) induces inflammation in mice. Experimental and Molecular Medicine, 2003, 35, 358-364.	3.2	12
58	Fibroblast growth factor 21 deficiency aggravates obesity-induced hypothalamic inflammation and impairs thermogenic response. Inflammation Research, 2019, 68, 351-358.	1.6	12
59	Carbon monoxide reverses adipose tissue inflammation and insulin resistance upon loss of ovarian function. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E621-E630.	1.8	11
60	Estrogen enhances browning in adipose tissue by M2 macrophage polarization via heme oxygenaseâ€1. Journal of Cellular Physiology, 2021, 236, 1875-1888.	2.0	11
61	Suppressive effects of young radish cultivated with sulfur on growth and metastasis of B16-F10 melanoma cells. Archives of Pharmacal Research, 2006, 29, 235-240.	2.7	9
62	Protection against Ovariectomy-Induced Bone Loss by Tranilast. PLoS ONE, 2014, 9, e95585.	1.1	9
63	Corn Silk Induced Cyclooxygenase-2 in Murine Macrophages. Bioscience, Biotechnology and Biochemistry, 2005, 69, 1848-1853.	0.6	8
64	Elevation of fibrinogen due to loss of ovarian function enhances actin ring formation and leads to increased bone resorption. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1296-E1303.	1.8	8
65	Effects of Anticoagulant fromSpirodela polyrhizain Rats. Bioscience, Biotechnology and Biochemistry, 2003, 67, 881-883.	0.6	7
66	Impaired insulin signaling upon loss of ovarian function is associated with a reduction of tristetraprolin and an increased stabilization of chemokine in adipose tissue. Molecular and Cellular Endocrinology, 2018, 461, 122-131.	1.6	7
67	Absence of 4â€1BB increases cell influx into the peritoneal cavity in response to LPS stimulation by decreasing macrophage ILâ€10 levels. FEBS Letters, 2007, 581, 4355-4360.	1.3	6
68	Estrogen Decreases Cytoskeletal Organization by Forming an ERÎ±/SHP2/c-Src Complex in Osteoclasts to Protect against Ovariectomy-Induced Bone Loss in Mice. Antioxidants, 2021, 10, 619.	2.2	6
69	Cilostazol Attenuates Ovariectomy-Induced Bone Loss by Inhibiting Osteoclastogenesis. PLoS ONE, 2015, 10, e0124869.	1.1	5
70	7-Ketocholesterol-Induced Micro-RNA-107-5p Increases Number and Activity of Osteoclasts by Targeting MKP1. International Journal of Molecular Sciences, 2022, 23, 3697.	1.8	5
71	Absence of Herpes Virus Entry Mediator (HVEM) Increases Bone Mass by Attenuating Receptor Activator of Nuclear Factor-ÎºB ligand (RANKL)-Induced Osteoclastogenesis. Endocrinology, 2012, 153, 4808-4817.	1.4	4
72	Morin Disrupts Cytoskeleton Reorganization in Osteoclasts through an ROS/SHP1/c-Src Axis and Grants Protection from LPS-Induced Bone Loss. Antioxidants, 2022, 11, 963.	2.2	4

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73	Overexpression of developmentally regulated GTP-binding protein-2 increases bone loss. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E703-E710.	1.8	3
74	Purification and Partial Characterization of Purine Nucleoside Phosphorylase fromSerratia marcescens. Bioscience, Biotechnology and Biochemistry, 1998, 62, 667-671.	0.6	2
75	Recombinant glucocorticoid induced tumor necrosis factor receptor (GITR) induces nitric oxide synthase (NOS) in murine macrophage. , 0, , .		0
76	Fibrinolytic serine protease from spirodela polyruiza. , 0, , .		0