

In-Sook Kwun

List of Publications by Year in descending order

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37
papers

449
citations

933447

10
h-index

713466

21
g-index

37
all docs

37
docs citations

37
times ranked

634
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc deficiency suppresses matrix mineralization and retards osteogenesis transiently with catch-up possibly through Runx 2 modulation. <i>Bone</i> , 2010, 46, 732-741.	2.9	175
2	Red yeast rice stimulates osteoblast proliferation and increases alkaline phosphatase activity in MC3T3-E1 cells. <i>Nutrition Research</i> , 2010, 30, 501-510.	2.9	37
3	Zinc-Deficient Diet Decreases Fetal Long Bone Growth Through Decreased Bone Matrix Formation in Mice. <i>Journal of Medicinal Food</i> , 2009, 12, 118-123.	1.5	29
4	Zinc upregulates bone-specific transcription factor Runx2 expression via BMP-2 signaling and Smad-1 phosphorylation in osteoblasts. <i>Journal of Nutrition and Health</i> , 2018, 51, 23.	0.8	29
5	Dietary Molar Ratios of Phytate :Zinc and Millimolar Ratios of Phytate $\tilde{\text{A}}$ – Calcium:Zinc in South Koreans. <i>Biological Trace Element Research</i> , 2000, 75, 29-41.	3.5	28
6	Marginal zinc deficiency in rats decreases leptin expression independently of food intake and corticotrophin-releasing hormone in relation to food intake. <i>British Journal of Nutrition</i> , 2007, 98, 485-489.	2.3	28
7	The Contents of Heavy Metals (Cd, Cr, As, Pb, Ni, and Sn) in the Selected Commercial Yam Powder Products in South Korea. <i>Preventive Nutrition and Food Science</i> , 2013, 18, 249-255.	1.6	18
8	Ellagic Acid Prevents Binge Alcohol-Induced Leaky Gut and Liver Injury through Inhibiting Gut Dysbiosis and Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 1386.	5.1	17
9	Phosphate-Induced Rat Vascular Smooth Muscle Cell Calcification and the Implication of Zinc Deficiency in A7r5 Cell Viability. <i>Preventive Nutrition and Food Science</i> , 2013, 18, 92-97.	1.6	13
10	Zinc Restored the Decreased Vascular Smooth Muscle Cell Viability under Atherosclerotic Calcification Conditions. <i>Preventive Nutrition and Food Science</i> , 2014, 19, 363-366.	1.6	11
11	Yam (<i>Dioscorea batatas</i>) Root and Bark Extracts Stimulate Osteoblast Mineralization by Increasing Ca and P Accumulation and Alkaline Phosphatase Activity. <i>Preventive Nutrition and Food Science</i> , 2014, 19, 194-203.	1.6	10
12	The impact of rapid economic growth and globalization on zinc nutrition in South Korea. <i>Public Health Nutrition</i> , 2009, 12, 1234-1241.	2.2	7
13	Vitamin D: Hormone-like nutrient. <i>Journal of Nutrition and Health</i> , 2016, 49, 1.	0.8	7
14	Plum Prevents Intestinal and Hepatic Inflammation in the Acute and Chronic Models of Dextran Sulfate Sodium-induced Mouse Colitis. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2101049.	3.3	7
15	Cellular zinc deficiency inhibits the mineralized nodule formation and downregulates bone-specific gene expression in osteoblastic MC3T3-E1 cells. <i>Journal of Nutrition and Health</i> , 2018, 51, 379.	0.8	6
16	Lower antioxidant vitamins (A, C and E) and trace minerals (Zn, Cu, Mn, Fe and Se) status in patients with cerebrovascular disease. <i>Nutritional Neuroscience</i> , 2005, 8, 251-257.	3.1	4
17	Effects of Vanillic Acid on the Differentiation and Mineralization of Osteoblastic MC3T3-E1 Cells. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2021, 50, 774-782.	0.9	4
18	The Supplementation of Yam Powder Products Can Give the Nutritional Benefits of the Antioxidant Mineral (Cu, Zn, Mn, Fe and Se) Intakes. <i>Preventive Nutrition and Food Science</i> , 2012, 17, 299-305.	1.6	4

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19	Role of zinc for calcification inhibitor protein in vascular smooth muscle cell plaque formation. <i>Journal of Nutrition and Health</i> , 2016, 49, 59.	0.8	3
20	Comparative Analysis of the Nutritional Ingredients and Antioxidant Activities of <i>Prunus salicina</i> Daeseok, Formosa, and Chuhui Produced in Uiseong. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2021, 50, 643-647.	0.9	2
21	Zinc modulation of osterix in MC3T3-E1 cells. <i>Journal of Nutrition and Health</i> , 2020, 53, 347.	0.8	2
22	Effect of water extract and distillate from the mixture of black goat meat and medicinal herb on osteoblast proliferation and osteoclast formation. <i>Journal of Nutrition and Health</i> , 2015, 48, 157.	0.8	2
23	Issues pertaining to Mg, Zn and Cu in the 2020 Dietary Reference Intakes for Koreans. <i>Nutrition Research and Practice</i> , 2022, 16, S113.	1.9	2
24	Zinc depletion transiently retards osteogenesis and suppresses matrix mineralisation. <i>Proceedings of the Nutrition Society</i> , 2010, 69, .	1.0	1
25	<i>Glycyrrhiza uralensis</i> (licorice) extracts increase cell proliferation and bone marker enzyme alkaline phosphatase activity in osteoblastic MC3T3-E1 cells. <i>Journal of Nutrition and Health</i> , 2018, 51, 316.	0.8	1
26	Regulation of mast cell activation by extracellular vesicles in cow's milk casein-induced allergic responses. <i>Molecular and Cellular Toxicology</i> , 2022, 18, 177-184.	1.7	1
27	Zn deficiency promotes calcification in vascular smooth muscle cells independent of ALP action and in part by Pit1 up-regulation. <i>FASEB Journal</i> , 2013, 27, 860.8.	0.5	1
28	<i>Glycyrrhiza uralensis</i> (licorice) extracts increase cell proliferation and bone marker enzyme alkaline phosphatase activity in osteoblastic MC3T3-E1 cells. <i>Journal of Nutrition and Health</i> , 2018, 51, 316.	0.8	0
29	Zn increased extracellular matrix Mineralization, bone-related genes and runx2 expression in osteoblastic MC3T3-E1 cells. <i>FASEB Journal</i> , 2006, 20, A561.	0.5	0
30	A proteomic analysis of aortic proteins in zinc and metallothionein deficiency. <i>FASEB Journal</i> , 2006, 20, A995.	0.5	0
31	Zn deficiency delays bone marker gene and bone-specific transcription factor runx2 expression in osteoblastic MC3T3-E1 cells. <i>FASEB Journal</i> , 2007, 21, .	0.5	0
32	Zinc regulation of bone-specific transcription factor Runx2 and bone marker gene expression within 24 hours in osteoblastic MC3T3-E1 cells. <i>FASEB Journal</i> , 2008, 22, 692.3.	0.5	0
33	Zinc modulates leptin signaling in osteoblastic MC3T3-E1 cells through activating JAK2/STAT3 pathway. <i>FASEB Journal</i> , 2008, 22, 884.3.	0.5	0
34	Zinc stimulates extracellular matrix mineralization in osteoblastic MC3T3-E1 cells. <i>FASEB Journal</i> , 2009, 23, 553.12.	0.5	0
35	Zinc modulation of osterix expression in osteoblastic MC3T3-E1 cells. <i>FASEB Journal</i> , 2009, 23, 553.10.	0.5	0
36	Zinc regulation of Runx2 expression through BMP2 signaling in osteoblastic MC3T3-E1 cells. <i>FASEB Journal</i> , 2009, 23, 553.11.	0.5	0

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37	The function of zinc in the primary vascular smooth muscle cell proliferation in rats. Journal of Nutrition and Health, 2020, 53, 563.	0.8	0