

Jin Hyup Lee

List of Publications by Year in descending order

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52
papers

998
citations

394286

19
h-index

477173

29
g-index

53
all docs

53
docs citations

53
times ranked

1708
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of Ionizing Radiation-induced Apoptosis by Mitochondrial NADP ⁺ -dependent Isocitrate Dehydrogenase. <i>Journal of Biological Chemistry</i> , 2007, 282, 13385-13394.	1.6	79
2	IDH2 deficiency promotes mitochondrial dysfunction and cardiac hypertrophy in mice. <i>Free Radical Biology and Medicine</i> , 2015, 80, 84-92.	1.3	64
3	The Edible Insect <i>Gryllus bimaculatus</i> Protects against Gut-Derived Inflammatory Responses and Liver Damage in Mice after Acute Alcohol Exposure. <i>Nutrients</i> , 2019, 11, 857.	1.7	59
4	Chlorogenic acid ameliorates alcohol-induced liver injuries through scavenging reactive oxygen species. <i>Biochimie</i> , 2018, 150, 131-138.	1.3	51
5	Protective effects of p-coumaric acid against acetaminophen-induced hepatotoxicity in mice. <i>Food and Chemical Toxicology</i> , 2018, 121, 131-139.	1.8	48
6	Increased obesity resistance and insulin sensitivity in mice lacking the isocitrate dehydrogenase 2 gene. <i>Free Radical Biology and Medicine</i> , 2016, 99, 179-188.	1.3	38
7	Cruciferous vegetables and colorectal cancer prevention through microRNA regulation: A review. <i>Critical Reviews in Food Science and Nutrition</i> , 2018, 58, 2026-2038.	5.4	35
8	Amelioration of High Fructose-Induced Cardiac Hypertrophy by Naringin. <i>Scientific Reports</i> , 2018, 8, 9464.	1.6	34
9	IDH2 deficiency impairs mitochondrial function in endothelial cells and endothelium-dependent vasomotor function. <i>Free Radical Biology and Medicine</i> , 2016, 94, 36-46.	1.3	33
10	Regulation of ionizing radiation-induced apoptosis by a manganese porphyrin complex. <i>Biochemical and Biophysical Research Communications</i> , 2005, 334, 298-305.	1.0	32
11	IDH2 deficiency promotes mitochondrial dysfunction and dopaminergic neurotoxicity: implications for Parkinson's disease. <i>Free Radical Research</i> , 2016, 50, 853-860.	1.5	31
12	Naringin Protects Pancreatic β -Cells Against Oxidative Stress-Induced Apoptosis by Inhibiting Both Intrinsic and Extrinsic Pathways in Insulin-Deficient Diabetic Mice. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700810.	1.5	31
13	Naringin protects acrolein-induced pulmonary injuries through modulating apoptotic signaling and inflammation signaling pathways in mice. <i>Journal of Nutritional Biochemistry</i> , 2018, 59, 10-16.	1.9	26
14	<i>Lactobacillus plantarum</i> LRCC 5273 isolated from Kimchi ameliorates diet-induced hypercholesterolemia in C57BL/6 mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 1964-1972.	0.6	25
15	Increased susceptibility of IDH2-deficient mice to dextran sodium sulfate-induced colitis. <i>Redox Biology</i> , 2017, 13, 32-38.	3.9	24
16	Down-regulation of IDH2 sensitizes cancer cells to erastin-induced ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 366-371.	1.0	24
17	Mitochondrial NADP ⁺ -dependent isocitrate dehydrogenase knockdown inhibits tumorigenicity of melanoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 246-251.	1.0	21
18	<i>Prunus mume</i> Sieb. et Zucc. fruit ameliorates alcoholic liver injury in mice by inhibiting apoptosis and inflammation through oxidative stress. <i>Journal of Functional Foods</i> , 2016, 25, 135-148.	1.6	20

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19	Oxalomalate regulates ionizing radiation-induced apoptosis in mice. <i>Free Radical Biology and Medicine</i> , 2007, 42, 44-51.	1.3	19
20	Root bark of <i>Ulmus davidiana</i> var. <i>japonica</i> restrains acute alcohol-induced hepatic steatosis onset in mice by inhibiting ROS accumulation. <i>PLoS ONE</i> , 2017, 12, e0188381.	1.1	19
21	Effects of Orally-Administered <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> Strain BB12 on Dextran Sodium Sulfate-Induced Colitis in Mice. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 1800-1805.	0.9	18
22	Supported liquid extraction coupled to gas chromatography-selective mass spectrometric scan modes for serum steroid profiling. <i>Analytica Chimica Acta</i> , 2018, 1037, 281-292.	2.6	17
23	Saponin-Based Nanoemulsification Improves the Antioxidant Properties of Vitamin A and E in AML-12 Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1406.	1.8	16
24	Ameliorative effect of black ginseng extract against oxidative stress-induced cellular damages in mouse hepatocytes. <i>Journal of Ginseng Research</i> , 2019, 43, 179-185.	3.0	15
25	LB-9, Novel Probiotic Lactic Acid Bacteria, Ameliorates Dextran Sodium Sulfate-Induced Colitis in Mice by Inhibiting TNF- α -Mediated Apoptosis of Intestinal Epithelial Cells. <i>Journal of Medicinal Food</i> , 2019, 22, 271-276.	0.8	14
26	The effect of α -phenyl-N-t-butyl nitron on ionizing radiation-induced apoptosis in U937 cells. <i>Free Radical Research</i> , 2005, 39, 1325-1333.	1.5	13
27	Oxalomalate reduces expression and secretion of vascular endothelial growth factor in the retinal pigment epithelium and inhibits angiogenesis: Implications for age-related macular degeneration. <i>Redox Biology</i> , 2016, 10, 211-220.	3.9	13
28	Idh2 Deficiency Exacerbates Acrolein-Induced Lung Injury through Mitochondrial Redox Environment Deterioration. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	1.9	13
29	Idh2 deficiency accelerates renal dysfunction in aged mice. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 34-39.	1.0	12
30	Pelargonidin ameliorates acetaminophen-induced hepatotoxicity in mice by inhibiting the ROS-induced inflammatory apoptotic response. <i>Biochimie</i> , 2020, 168, 10-16.	1.3	12
31	Trehalose Protects the Probiotic Yeast <i>Saccharomyces boulardii</i> against Oxidative Stress-Induced Cell Death. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 54-61.	0.9	12
32	Disruption of IDH2 attenuates lipopolysaccharide-induced inflammation and lung injury in an α -ketoglutarate-dependent manner. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 798-802.	1.0	11
33	IDH2 deficiency exacerbates acetaminophen hepatotoxicity in mice via mitochondrial dysfunction-induced apoptosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2333-2341.	1.8	11
34	Effects of <i>Panax ginseng</i> extracts prepared at different steaming times on thermogenesis in rats. <i>Journal of Ginseng Research</i> , 2017, 41, 347-352.	3.0	10
35	IDH2 Deficiency Aggravates Fructose-Induced NAFLD by Modulating Hepatic Fatty Acid Metabolism and Activating Inflammatory Signaling in Female Mice. <i>Nutrients</i> , 2018, 10, 679.	1.7	10
36	Explosively Puffed Ginseng Ameliorates Ionizing Radiation-Induced Injury of Colon by Decreasing Oxidative Stress-Related Apoptotic Cell Execution in Mice. <i>Journal of Medicinal Food</i> , 2019, 22, 490-498.	0.8	10

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37	Hepatoprotective effects of lactic acid-fermented garlic extract against acetaminophen-induced acute liver injury in rats. <i>Food Science and Biotechnology</i> , 2016, 25, 867-873.	1.2	9
38	Amelioration of late-onset hepatic steatosis in IDH2-deficient mice. <i>Free Radical Research</i> , 2017, 51, 368-374.	1.5	8
39	IDH2 deficiency accelerates skin pigmentation in mice via enhancing melanogenesis. <i>Redox Biology</i> , 2018, 17, 16-24.	3.9	8
40	Oxalomalate suppresses metastatic melanoma through IDH-targeted stress response to ROS. <i>Free Radical Research</i> , 2019, 53, 418-429.	1.5	7
41	IDH2 deficiency increases bone mass with reduced osteoclastogenesis by limiting RANKL expression in osteoblasts. <i>Bone</i> , 2019, 129, 115056.	1.4	6
42	In Vitro and In Vivo Inhibitory Effect of Citrus Junos Tanaka Peel Extract against Oxidative Stress-Induced Apoptotic Death of Lung Cells. <i>Antioxidants</i> , 2020, 9, 1231.	2.2	6
43	N-t-Butyl hydroxylamine regulates ionizing radiation-induced apoptosis in U937 cells. <i>Biochimie</i> , 2007, 89, 1509-1516.	1.3	5
44	Blood Pressure-Lowering Effects of Alcalase-Hydrolyzed Camellia Seed Hull In Vitro and in Spontaneous Hypertensive Rats. <i>Journal of Medicinal Food</i> , 2017, 20, 720-723.	0.8	5
45	Hepatic transcriptomics analysis reveals that fructose intervention down-regulated xenobiotics-metabolising enzymes through aryl hydrocarbon receptor signalling suppression in C57BL/6N mice. <i>British Journal of Nutrition</i> , 2019, 122, 769-779.	1.2	5
46	Acute alcohol consumption-induced let-7a inhibition exacerbates hepatic apoptosis by regulating Rb1 in mice. <i>Alcohol</i> , 2020, 85, 13-20.	0.8	4
47	IDH2 Deficiency Is Critical in Myogenesis and Fatty Acid Metabolism in Mice Skeletal Muscle. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5596.	1.8	4
48	Oxalomalate reduces tumor progression in melanoma via ROS-dependent proapoptotic and antiangiogenic effects. <i>Biochimie</i> , 2019, 158, 165-171.	1.3	3
49	Utilization of Pectinase Cocktail and High Hydrostatic Pressure for the Production of Aged Black Garlic Juice with Improved Nutritional Value. <i>Preventive Nutrition and Food Science</i> , 2019, 24, 357-362.	0.7	3
50	Hepatic Transcriptomics Reveals that Lipogenesis Is a Key Signaling Pathway in Isocitrate Dehydrogenase 2 Deficient Mice. <i>Genes</i> , 2019, 10, 728.	1.0	1
51	Colon Transcriptomics Reveals Sex-Dependent Metabolic Signatures in Response to 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine Treatment in C57BL/6N Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6620.	1.8	1
52	Apiaceous vegetables protect against acrolein-induced pulmonary injuries through modulating hepatic detoxification and inflammation in C57BL/6 male mice. <i>Journal of Nutritional Biochemistry</i> , 2022, 101, 108939.	1.9	0