

Jaechan Leem

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

929
citations

18
h-index

28
g-index

56
ext. papers

1,232
ext. citations

5.2
avg, IF

4.53
L-index

#	Paper	IF	Citations
52	Sanguinarine-induced apoptosis: generation of ROS, down-regulation of Bcl-2, c-FLIP, and synergy with TRAIL. <i>Journal of Cellular Biochemistry</i> , 2008 , 104, 895-907	4.7	100
51	PDK4 Augments ER-Mitochondria Contact to Dampen Skeletal Muscle Insulin Signaling During Obesity. <i>Diabetes</i> , 2019 , 68, 571-586	0.9	56
50	The risk of incident type 2 diabetes in a Korean metabolically healthy obese population: the role of systemic inflammation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 934-41	5.6	49
49	Higher serum bilirubin level as a protective factor for the development of diabetes in healthy Korean men: a 4 year retrospective longitudinal study. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 87-93	12.7	47
48	Interaction between mitochondria and the endoplasmic reticulum: implications for the pathogenesis of type 2 diabetes mellitus. <i>Experimental Diabetes Research</i> , 2012 , 2012, 242984		40
47	Dipeptidyl peptidase-4 inhibition by gemigliptin prevents abnormal vascular remodeling via NF-E2-related factor 2 activation. <i>Vascular Pharmacology</i> , 2015 , 73, 11-9	5.9	39
46	Protective role of endogenous plasmalogens against hepatic steatosis and steatohepatitis in mice. <i>Hepatology</i> , 2017 , 66, 416-431	11.2	38
45	Association of serum C1q/TNF-related protein-9 concentration with arterial stiffness in subjects with type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E2477-84	5.6	38
44	Pharmacological Activation of Sirt1 Ameliorates Cisplatin-Induced Acute Kidney Injury by Suppressing Apoptosis, Oxidative Stress, and Inflammation in Mice. <i>Antioxidants</i> , 2019 , 8,	7.1	34
43	Mitochondrial dysfunction and activation of iNOS are responsible for the palmitate-induced decrease in adiponectin synthesis in 3T3L1 adipocytes. <i>Experimental and Molecular Medicine</i> , 2012 , 44, 562-70	12.8	34
42	Melatonin Attenuates Cisplatin-Induced Acute Kidney Injury through Dual Suppression of Apoptosis and Necroptosis. <i>Biology</i> , 2019 , 8,	4.9	27
41	Elevated serum ferritin level is associated with the incident type 2 diabetes in healthy Korean men: a 4 year longitudinal study. <i>PLoS ONE</i> , 2013 , 8, e75250	3.7	26
40	Association of metabolically healthy obesity with subclinical coronary atherosclerosis in a Korean population. <i>Obesity</i> , 2014 , 22, 2613-20	8	25
39	Protective Effects of Melatonin Against Aristolochic Acid-Induced Nephropathy in Mice. <i>Biomolecules</i> , 2019 , 10,	5.9	23
38	Mechanisms of Vascular Calcification: The Pivotal Role of Pyruvate Dehydrogenase Kinase 4. <i>Endocrinology and Metabolism</i> , 2016 , 31, 52-61	3.5	22
37	Myricetin Protects Against High Glucose-Induced ECell Apoptosis by Attenuating Endoplasmic Reticulum Stress via Inactivation of Cyclin-Dependent Kinase 5. <i>Diabetes and Metabolism Journal</i> , 2019 , 43, 192-205	5	21
36	Serum Ceruloplasmin Level as a Predictor for the Progression of Diabetic Nephropathy in Korean Men with Type 2 Diabetes Mellitus. <i>Diabetes and Metabolism Journal</i> , 2015 , 39, 230-9	5	21

35	Pharmacological Inhibition of Caspase-1 Ameliorates Cisplatin-Induced Nephrotoxicity through Suppression of Apoptosis, Oxidative Stress, and Inflammation in Mice. <i>Mediators of Inflammation</i> , 2018 , 2018, 6571676	4.3	21
34	Clinical features and causes of endogenous hyperinsulinemic hypoglycemia in Korea. <i>Diabetes and Metabolism Journal</i> , 2015 , 39, 126-31	5	16
33	Association of serum angiotensin-like protein 2 with carotid intima-media thickness in subjects with type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2015 , 14, 35	8.7	16
32	Time-dependent changes in lipid metabolism in mice with methionine choline deficiency-induced fatty liver disease. <i>Molecules and Cells</i> , 2011 , 32, 571-7	3.5	16
31	Sphingomyelin synthase 1 mediates hepatocyte pyroptosis to trigger non-alcoholic steatohepatitis. <i>Gut</i> , 2021 , 70, 1954-1964	19.2	15
30	Protective Effects of SPA0355, a Thiourea Analogue, Against Lipopolysaccharide-Induced Acute Kidney Injury in Mice. <i>Antioxidants</i> , 2020 , 9,	7.1	13
29	Melittin Ameliorates Endotoxin-Induced Acute Kidney Injury by Inhibiting Inflammation, Oxidative Stress, and Cell Death in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 8843051	6.7	13
28	Anti-fibrotic effects of synthetic TGF- β 1 and Smad oligodeoxynucleotide on kidney fibrosis in vivo and in vitro through inhibition of both epithelial dedifferentiation and endothelial-mesenchymal transitions. <i>FASEB Journal</i> , 2020 , 34, 333-349	0.9	12
27	Therapeutic effects of bee venom on experimental atopic dermatitis. <i>Molecular Medicine Reports</i> , 2018 , 18, 3711-3718	2.9	12
26	Protective Effects of Bee Venom against Endotoxemia-Related Acute Kidney Injury in Mice. <i>Biology</i> , 2020 , 9,	4.9	11
25	Octanoic acid potentiates glucose-stimulated insulin secretion and expression of glucokinase through the olfactory receptor in pancreatic β cells. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 503, 278-284	3.4	10
24	Melatonin Prevents Transforming Growth Factor- β 1-Stimulated Transdifferentiation of Renal Interstitial Fibroblasts to Myofibroblasts by Suppressing Reactive Oxygen Species-Dependent Mechanisms. <i>Antioxidants</i> , 2020 , 9,	7.1	10
23	Inhibition of p300 by Garcinol Protects against Cisplatin-Induced Acute Kidney Injury through Suppression of Oxidative Stress, Inflammation, and Tubular Cell Death in Mice. <i>Antioxidants</i> , 2020 , 9,	7.1	10
22	Gemigliptin ameliorates Western-diet-induced metabolic syndrome in mice. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017 , 95, 129-139	2.4	9
21	Serum Total Bilirubin Levels Provide Additive Risk Information over the Framingham Risk Score for Identifying Asymptomatic Diabetic Patients at Higher Risk for Coronary Artery Stenosis. <i>Diabetes and Metabolism Journal</i> , 2015 , 39, 414-23	5	9
20	Prevalence of angiographically defined obstructive coronary artery disease in asymptomatic patients with type 2 diabetes according to the coronary calcium score. <i>Internal Medicine</i> , 2012 , 51, 3017-23	1.1	9
19	Beneficial Effects of SREBP Decoy Oligodeoxynucleotide in an Animal Model of Hyperlipidemia. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
18	Melatonin Inhibits Transforming Growth Factor- β 1-Induced Epithelial-Mesenchymal Transition in AML12 Hepatocytes. <i>Biology</i> , 2019 , 8,	4.9	8

17	Antioxidative, Antiapoptotic, and Anti-Inflammatory Effects of Apamin in a Murine Model of Lipopolysaccharide-Induced Acute Kidney Injury. <i>Molecules</i> , 2020 , 25,	4.8	8
16	S-adenosyl methionine prevents endothelial dysfunction by inducing heme oxygenase-1 in vascular endothelial cells. <i>Molecules and Cells</i> , 2013 , 36, 376-84	3.5	7
15	Bee venom attenuates Porphyromonas gingivalis and RANKL-induced bone resorption with osteoclastogenic differentiation. <i>Food and Chemical Toxicology</i> , 2019 , 129, 344-353	4.7	6
14	11βHSD1 reduces metabolic efficacy and adiponectin synthesis in hypertrophic adipocytes. <i>Journal of Endocrinology</i> , 2015 , 225, 147-58	4.7	6
13	Kahweol Ameliorates Cisplatin-Induced Acute Kidney Injury through Pleiotropic Effects in Mice. <i>Biomedicines</i> , 2020 , 8,	4.8	6
12	Regulation of Adipsin Expression by Endoplasmic Reticulum Stress in Adipocytes. <i>Biomolecules</i> , 2020 , 10,	5.9	5
11	Protective Effects of Gemigliptin, a Dipeptidyl Peptidase-4 Inhibitor, against Cisplatin-Induced Nephrotoxicity in Mice. <i>Mediators of Inflammation</i> , 2017 , 2017, 4139439	4.3	5
10	Disseminated Mycobacterium intracellulare Infection in an Immunocompetent Host. <i>Tuberculosis and Respiratory Diseases</i> , 2012 , 72, 452-6	3.2	5
9	Protective Effects of Bee Venom-Derived Phospholipase A against Cholestatic Liver Disease in Mice. <i>Biomedicines</i> , 2021 , 9,	4.8	5
8	Heme Oxygenase-1 Induction by Cobalt Protoporphyrin Ameliorates Cholestatic Liver Disease in a Xenobiotic-Induced Murine Model. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
7	Protective Effects of 6-Shogaol, an Active Compound of Ginger, in a Murine Model of Cisplatin-Induced Acute Kidney Injury. <i>Molecules</i> , 2021 , 26,	4.8	3
6	Protective Effects of Carnosic Acid on Lipopolysaccharide-Induced Acute Kidney Injury in Mice.. <i>Molecules</i> , 2021 , 26,	4.8	3
5	Fatal rhabdomyolysis in a patient with liver cirrhosis after switching from simvastatin to fluvastatin. <i>Journal of Korean Medical Science</i> , 2011 , 26, 1634-7	4.7	2
4	Oridonin Attenuates Cisplatin-Induced Acute Kidney Injury via Inhibiting Oxidative Stress, Apoptosis, and Inflammation in Mice.. <i>BioMed Research International</i> , 2022 , 2022, 3002962	3	2
3	Inhibitory Effects of STAT3 Transcription Factor by Synthetic Decoy ODNs on Autophagy in Renal Fibrosis. <i>Biomedicines</i> , 2021 , 9,	4.8	1
2	Kahweol Protects against Acetaminophen-Induced Hepatotoxicity in Mice through Inhibiting Oxidative Stress, Hepatocyte Death, and Inflammation.. <i>BioMed Research International</i> , 2022 , 2022, 8121124	3.24	1
1	Reply to the letter by S. Balta regarding "Patients should undergo conventional angiography to reveal any suspected coronary artery lesion". <i>Internal Medicine</i> , 2013 , 52, 701	1.1	