

# Jaechan Leem

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8296206/publications.pdf>

Version: 2024-02-01

55  
papers

1,481  
citations

304602

22  
h-index

360920

35  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2545  
citing authors

#	ARTICLE	IF	CITATIONS
1	PDK4 Augments ERâ€“Mitochondria Contact to Dampen Skeletal Muscle Insulin Signaling During Obesity. <i>Diabetes</i> , 2019, 68, 571-586.	0.3	116
2	Sanguinarineâ€“induced apoptosis: Generation of ROS, downâ€“regulation of Bclâ€“2, câ€“FLIP, and synergy with TRAIL. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 895-907.	1.2	113
3	Sphingomyelin synthase 1 mediates hepatocyte pyroptosis to trigger non-alcoholic steatohepatitis. <i>Gut</i> , 2021, 70, 1954-1964.	6.1	71
4	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, 934-941.	1.8	68
5	Protective role of endogenous plasmalogens against hepatic steatosis and steatohepatitis in mice. <i>Hepatology</i> , 2017, 66, 416-431.	3.6	61
6	Higher serum bilirubin level as a protective factor for the development of diabetes in healthy Korean men: A 4year retrospective longitudinal study. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 87-93.	1.5	54
7	Pharmacological Activation of Sirt1 Ameliorates Cisplatin-Induced Acute Kidney Injury by Suppressing Apoptosis, Oxidative Stress, and Inflammation in Mice. <i>Antioxidants</i> , 2019, 8, 322.	2.2	52
8	Dipeptidyl peptidase-4 inhibition by gemigliptin prevents abnormal vascular remodeling via NF-E2-related factor 2 activation. <i>Vascular Pharmacology</i> , 2015, 73, 11-19.	1.0	48
9	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-E2484.	1.8	45
10	Interaction between Mitochondria and the Endoplasmic Reticulum: Implications for the Pathogenesis of Type 2 Diabetes Mellitus. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-8.	3.8	44
11	Melatonin Attenuates Cisplatin-Induced Acute Kidney Injury through Dual Suppression of Apoptosis and Necroptosis. <i>Biology</i> , 2019, 8, 64.	1.3	42
12	Protective Effects of Melatonin Against Aristolochic Acid-Induced Nephropathy in Mice. <i>Biomolecules</i> , 2020, 10, 11.	1.8	38
13	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.	3.2	37
14	Myricetin Protects Against High Glucose-Induced Î²-Cell Apoptosis by Attenuating Endoplasmic Reticulum Stress via Inactivation of Cyclin-Dependent Kinase 5. <i>Diabetes and Metabolism Journal</i> , 2019, 43, 192.	1.8	37
15	Mechanisms of Vascular Calcification: The Pivotal Role of Pyruvate Dehydrogenase Kinase 4. <i>Endocrinology and Metabolism</i> , 2016, 31, 52.	1.3	33
16	Association of metabolically healthy obesity (MHO) with subclinical coronary atherosclerosis in a Korean population. <i>Obesity</i> , 2014, 22, n/a-n/a.	1.5	31
17	Antiâ€“fibrotic effects of synthetic TGFâ€“Î²1 and Smad oligodeoxynucleotide on kidney fibrosis in vivo and in vitro through inhibition of both epithelial dedifferentiation and endothelialâ€“mesenchymal transitions. <i>FASEB Journal</i> , 2020, 34, 333-349.	0.2	30
18	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.	1.1	30

#	ARTICLE	IF	CITATIONS
19	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, 1-14.	1.9	29
20	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.	1.8	28
21	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, 1271.	2.2	26
22	Clinical Features and Causes of Endogenous Hyperinsulinemic Hypoglycemia in Korea. <i>Diabetes and Metabolism Journal</i> , 2015, 39, 126.	1.8	24
23	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, 1-10.	1.4	24
24	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, 5931.	1.7	23
25	Protective Effects of Bee Venom against Endotoxemia-Related Acute Kidney Injury in Mice. <i>Biology</i> , 2020, 9, 154.	1.3	21
26	Antioxidative, Antiapoptotic, and Anti-Inflammatory Effects of Apamin in a Murine Model of Lipopolysaccharide-Induced Acute Kidney Injury. <i>Molecules</i> , 2020, 25, 5717.	1.7	20
27	Time-Dependent Changes in Lipid Metabolism in Mice with Methionine Choline Deficiency-Induced Fatty Liver Disease. <i>Molecules and Cells</i> , 2011, 32, 571-578.	1.0	19
28	Therapeutic effects of bee venom on experimental atopic dermatitis. <i>Molecular Medicine Reports</i> , 2018, 18, 3711-3718.	1.1	19
29	Melatonin Prevents Transforming Growth Factor- $\beta$ 1-Stimulated Transdifferentiation of Renal Interstitial Fibroblasts to Myofibroblasts by Suppressing Reactive Oxygen Species-Dependent Mechanisms. <i>Antioxidants</i> , 2020, 9, 39.	2.2	19
30	Protective Effects of SPA0355, a Thiourea Analogue, Against Lipopolysaccharide-Induced Acute Kidney Injury in Mice. <i>Antioxidants</i> , 2020, 9, 585.	2.2	19
31	Association of serum angiopoietin-like protein 2 with carotid intima-media thickness in subjects with type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2015, 14, 35.	2.7	17
32	Beneficial Effects of SREBP Decoy Oligodeoxynucleotide in an Animal Model of Hyperlipidemia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 552.	1.8	17
33	Kahweol Ameliorates Cisplatin-Induced Acute Kidney Injury through Pleiotropic Effects in Mice. <i>Biomedicines</i> , 2020, 8, 572.	1.4	15
34	Gemigliptin ameliorates Western-diet-induced metabolic syndrome in mice. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 129-139.	0.7	14
35	Octanoic acid potentiates glucose-stimulated insulin secretion and expression of glucokinase through the olfactory receptor in pancreatic $\beta$ -cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 278-284.	1.0	14
36	Protective Effects of Carnosic Acid on Lipopolysaccharide-Induced Acute Kidney Injury in Mice. <i>Molecules</i> , 2021, 26, 7589.	1.7	14

#	ARTICLE	IF	CITATIONS
37	Bee venom attenuates Porphyromonas gingivalis and RANKL-induced bone resorption with osteoclastogenic differentiation. Food and Chemical Toxicology, 2019, 129, 344-353.	1.8	13
38	Protective Effects of Bee Venom-Derived Phospholipase A2 against Cholestatic Liver Disease in Mice. Biomedicines, 2021, 9, 992.	1.4	13
39	S-Adenosyl Methionine Prevents Endothelial Dysfunction by Inducing Heme Oxygenase-1 in Vascular Endothelial Cells. Molecules and Cells, 2013, 36, 376-384.	1.0	12
40	11 $\beta$ -HSD1 reduces metabolic efficacy and adiponectin synthesis in hypertrophic adipocytes. Journal of Endocrinology, 2015, 225, 147-158.	1.2	12
41	Melatonin Inhibits Transforming Growth Factor- $\beta$ 1-Induced Epithelial $\rightarrow$ Mesenchymal Transition in AML12 Hepatocytes. Biology, 2019, 8, 84.	1.3	12
42	Regulation of Adipsin Expression by Endoplasmic Reticulum Stress in Adipocytes. Biomolecules, 2020, 10, 314.	1.8	12
43	Heme Oxygenase-1 Induction by Cobalt Protoporphyrin Ameliorates Cholestatic Liver Disease in a Xenobiotic-Induced Murine Model. International Journal of Molecular Sciences, 2021, 22, 8253.	1.8	11
44	Prevalence of Angiographically Defined Obstructive Coronary Artery Disease in Asymptomatic Patients with Type 2 Diabetes According to the Coronary Calcium Score. Internal Medicine, 2012, 51, 3017-3023.	0.3	10
45	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. Diabetes and Metabolism Journal, 2015, 39, 414.	1.8	10
46	Oridonin Attenuates Cisplatin-Induced Acute Kidney Injury via Inhibiting Oxidative Stress, Apoptosis, and Inflammation in Mice. BioMed Research International, 2022, 2022, 1-10.	0.9	10
47	Hispidulin Ameliorates Endotoxin-Induced Acute Kidney Injury in Mice. Molecules, 2022, 27, 2019.	1.7	9
48	Protective Effects of Gemigliptin, a Dipeptidyl Peptidase-4 Inhibitor, against Cisplatin-Induced Nephrotoxicity in Mice. Mediators of Inflammation, 2017, 2017, 1-9.	1.4	8
49	Inhibitory Effects of STAT3 Transcription Factor by Synthetic Decoy ODNs on Autophagy in Renal Fibrosis. Biomedicines, 2021, 9, 331.	1.4	8
50	Bee Venom and Its Major Component Melittin Attenuated Cutibacterium acnes- and IGF-1-Induced Acne Vulgaris via Inactivation of Akt/mTOR/SREBP Signaling Pathway. International Journal of Molecular Sciences, 2022, 23, 3152.	1.8	8
51	Disseminated <i>Mycobacterium intracellulare</i> Infection in an Immunocompetent Host. Tuberculosis and Respiratory Diseases, 2012, 72, 452.	0.7	6
52	Anti-Fibrotic Effect of Synthetic Noncoding Oligodeoxynucleotide for Inhibiting mTOR and STAT3 via the Regulation of Autophagy in an Animal Model of Renal Injury. Molecules, 2022, 27, 766.	1.7	6
53	Fatal Rhabdomyolysis in a Patient with Liver Cirrhosis after Switching from Simvastatin to Fluvastatin. Journal of Korean Medical Science, 2011, 26, 1634.	1.1	5
54	Kahweol Protects against Acetaminophen-Induced Hepatotoxicity in Mice through Inhibiting Oxidative Stress, Hepatocyte Death, and Inflammation. BioMed Research International, 2022, 2022, 1-11.	0.9	4

#	ARTICLE	IF	CITATIONS
55	Reply to the Letter by S. Balta Regarding "Patients Should Undergo Conventional Angiography to Reveal Any Suspected Coronary Artery Lesion". Internal Medicine, 2013, 52, 701-701.	0.3	0