Jae-Han Jeon

List of Publications by Year
in descending order

71 papers	1,891 citations	257450 24 h-index	276875 41 g-index
73 all docs	73 docs citations	73 times ranked	3273 citing authors

#	Article	IF	Citations
1	Vascular Calcificationâ€"New Insights into Its Mechanism. International Journal of Molecular Sciences, 2020, 21, 2685.	4.1	210
2	PDK4 Augments ERâ€"Mitochondria Contact to Dampen Skeletal Muscle Insulin Signaling During Obesity. Diabetes, 2019, 68, 571-586.	0.6	116
3	Role of the Pyruvate Dehydrogenase Complex in Metabolic Remodeling: Differential Pyruvate Dehydrogenase Complex Functions in Metabolism. Diabetes and Metabolism Journal, 2018, 42, 270.	4.7	115
4	Effect of a Brown Rice Based Vegan Diet and Conventional Diabetic Diet on Glycemic Control of Patients with Type 2 Diabetes: A 12-Week Randomized Clinical Trial. PLoS ONE, 2016, 11, e0155918.	2.5	91
5	The Clinical Characteristics and Outcomes of Patients with Moderate-to-Severe Coronavirus Disease 2019 Infection and Diabetes in Daegu, South Korea. Diabetes and Metabolism Journal, 2020, 44, 602.	4.7	83
6	Pyruvate dehydrogenase kinase 4 deficiency attenuates cisplatin-induced acute kidney injury. Kidney International, 2017, 91, 880-895.	5.2	77
7	Physiological Effect and Therapeutic Application of Alpha Lipoic Acid. Current Medicinal Chemistry, 2014, 21, 3636-3645.	2.4	75
8	Growth differentiation factor 15 protects against the agingâ€mediated systemic inflammatory response in humans and mice. Aging Cell, 2020, 19, e13195.	6.7	64
9	Role of Mitochondria-Associated Endoplasmic Reticulum Membrane in Inflammation-Mediated Metabolic Diseases. Mediators of Inflammation, 2016, 2016, 1-18.	3.0	61
10	Pyruvate Dehydrogenase Kinase Is a Metabolic Checkpoint for Polarization of Macrophages to the M1 Phenotype. Frontiers in Immunology, 2019, 10, 944.	4.8	58
11	Hypothyroidism Following Hemithyroidectomy: Incidence, Risk Factors, and Clinical Characteristics. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1429-1436.	3.6	54
12	Inhibition of Pyruvate Dehydrogenase Kinase 2 Protects Against Hepatic Steatosis Through Modulation of Tricarboxylic Acid Cycle Anaplerosis and Ketogenesis. Diabetes, 2016, 65, 2876-2887.	0.6	53
13	Retinoic acidâ€related orphan receptor alpha reprograms glucose metabolism in glutamineâ€deficient hepatoma cells. Hepatology, 2015, 61, 953-964.	7.3	51
14	Current Understanding on the Metabolism of Neutrophils. Immune Network, 2020, 20, e46.	3.6	50
15	Fyn deficiency attenuates renal fibrosis by inhibition of phospho-STAT3. Kidney International, 2016, 90, 1285-1297.	5.2	44
16	Recent advances in the pathogenesis of microvascular complications in diabetes. Archives of Pharmacal Research, 2019, 42, 252-262.	6.3	43
17	PDK4 Deficiency Suppresses Hepatic Glucagon Signaling by Decreasing cAMP Levels. Diabetes, 2018, 67, 2054-2068.	0.6	40
18	Estrogen-Related Receptor Î³ Plays a Key Role in Vascular Calcification Through the Upregulation of BMP2 Expression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 2384-2390.	2.4	38

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19	Smart Care Based on Telemonitoring and Telemedicine for Type 2 Diabetes Care: Multi-Center Randomized Controlled Trial. Telemedicine Journal and E-Health, 2018, 24, 604-613.	2.8	37
20	Myricetin Protects Against High Glucose-Induced Î²-Cell Apoptosis by Attenuating Endoplasmic Reticulum Stress via Inactivation of Cyclin-Dependent Kinase 5. Diabetes and Metabolism Journal, 2019, 43, 192.	4.7	37
21	Pyruvate dehydrogenase kinase regulates hepatitis C virus replication. Scientific Reports, 2016, 6, 30846.	3.3	34
22	Loss of metabolic flexibility as a result of overexpression of pyruvate dehydrogenase kinases in muscle, liver and the immune system: Therapeutic targets in metabolic diseases. Journal of Diabetes Investigation, 2021, 12, 21-31.	2.4	34
23	Recent Advances in Understanding Nrf2 Agonism and Its Potential Clinical Application to Metabolic and Inflammatory Diseases. International Journal of Molecular Sciences, 2022, 23, 2846.	4.1	32
24	Scoparone interferes with STAT3-induced proliferation of vascular smooth muscle cells. Experimental and Molecular Medicine, 2015, 47, e145-e145.	7.7	29
25	Impact of Social Distancing Due to Coronavirus Disease 2019 on the Changes in Glycosylated Hemoglobin Level in People with Type 2 Diabetes Mellitus. Diabetes and Metabolism Journal, 2021, 45, 109-114.	4.7	24
26	Impact of ENPP1 and MMP3 gene polymorphisms on aortic calcification in patients with type 2 diabetes in a Korean population. Diabetes Research and Clinical Practice, 2010, 88, 87-96.	2.8	22
27	Renoprotective Effect of Gemigliptin, a Dipeptidyl Peptidase-4 Inhibitor, in Streptozotocin-Induced Type 1 Diabetic Mice. Diabetes and Metabolism Journal, 2016, 40, 211.	4.7	22
28	Quercitrin inhibits platelet activation in arterial thrombosis. Phytomedicine, 2021, 80, 153363.	5.3	22
29	Discovery of Novel Pyruvate Dehydrogenase Kinase 4 Inhibitors for Potential Oral Treatment of Metabolic Diseases. Journal of Medicinal Chemistry, 2019, 62, 575-588.	6.4	21
30	Insights of a Lead Optimization Study and Biological Evaluation of Novel 4-Hydroxytamoxifen Analogs as Estrogen-Related Receptor Î³ (ERRÎ³) Inverse Agonists. Journal of Medicinal Chemistry, 2016, 59, 10209-10227.	6.4	19
31	Fasting Plasma Glucose Level Independently Predicts the Mortality of Patients with Coronavirus Disease 2019 Infection: A Multicenter, Retrospective Cohort Study. Endocrinology and Metabolism, 2020, 35, 595-601.	3.0	19
32	PDK2 Deficiency Prevents Ovariectomy-Induced Bone Loss in Mice by Regulating the RANKL-NFATc1 Pathway During Osteoclastogenesis. Journal of Bone and Mineral Research, 2020, 36, 553-566.	2.8	17
33	Small heterodimer partner attenuates profibrogenic features of hepatitis <scp>C</scp> virusâ€infected cells. Liver International, 2015, 35, 2233-2245.	3.9	15
34	Synthesis and biological evaluation of novel 4-hydroxytamoxifen analogs as estrogen-related receptor gamma inverse agonists. European Journal of Medicinal Chemistry, 2016, 120, 338-352.	5.5	15
35	Feasibility of surgeonâ€performed ultrasoundâ€guided core needle biopsy in the thyroid and lymph nodes. Head and Neck, 2016, 38, E1413-8.	2.0	14
36	Preoperative subclinical hypothyroidism in patients with papillary thyroid carcinoma. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2013, 34, 312-319.	1.3	13

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37	Clusterin/Apolipoprotein J Attenuates Angiotensin II-Induced Renal Fibrosis. PLoS ONE, 2014, 9, e105635.	2.5	13
38	Identification of Selective ERRÎ³ Inverse Agonists. Molecules, 2016, 21, 80.	3.8	13
39	Therapeutic effect of dichloroacetate against atherosclerosis via hepatic FGF21 induction mediated by acute AMPK activation. Experimental and Molecular Medicine, 2019, 51, 1-12.	7.7	13
40	Association between household size, residential area, and osteoporosis: analysis of 2008 to 2011 Korea National Health and Nutrition Examination Survey. Korean Journal of Internal Medicine, 2016, 31, 712-721.	1.7	12
41	Long-term effects of oral contraceptives on the prevalence of diabetes in post-menopausal women: 2007â€“2012 KNHANES. Endocrine, 2016, 53, 816-822.	2.3	11
42	Design, Synthesis, and Biological Evaluation of New Peripheral 5HT_{2A} Antagonists for Nonalcoholic Fatty Liver Disease. Journal of Medicinal Chemistry, 2020, 63, 4171-4182.	6.4	8
43	An orally available inverse agonist of estrogen-related receptor gamma showed expanded efficacy for the radioiodine therapy of poorly differentiated thyroid cancer. European Journal of Medicinal Chemistry, 2020, 205, 112501.	5.5	7
44	Interleukin-10 Attenuates Liver Fibrosis Exacerbated by Thermoneutrality. Frontiers in Medicine, 2021, 8, 672658.	2.6	7
45	Preoperative Subclinical Hyperthyroidism in Patients With Papillary Thyroid Carcinoma. Clinical and Experimental Otorhinolaryngology, 2014, 7, 312.	2.1	6
46	Definition, Pathogenesis, and Natural Progress of Non-alcoholic Fatty Liver Disease. Journal of Korean Diabetes, 2014, 15, 65.	0.3	5
47	High Fibrosis-4 Index Is Related with Worse Clinical Outcome in Patients with Coronavirus Disease 2019 and Diabetes Mellitus: A Multicenter Observational Study. Endocrinology and Metabolism, 2021, 36, 800-809.	3.0	5
48	Pyruvate dehydrogenase kinase 1 and 2 deficiency reduces high-fat diet-induced hypertrophic obesity and inhibits the differentiation of preadipocytes into mature adipocytes. Experimental and Molecular Medicine, 2021, 53, 1390-1401.	7.7	5
49	Relationship between Circulating FGF21 Concentrations and the Severity of Coronary Artery Damage in Subjects with Cardiovascular Disease. Journal of Lipid and Atherosclerosis, 2018, 7, 42.	3.5	4
50	Impact of urgently initiated tele-prescription due to COVID-19 on glycemic control in patients with type 2 diabetes. Korean Journal of Internal Medicine, 2021, 36, 942-948.	1.7	4
51	Peripheral Selective Oxadiazolylphenyl Alanine Derivatives as Tryptophan Hydroxylase 1 Inhibitors for Obesity and Fatty Liver Disease. Journal of Medicinal Chemistry, 2021, 64, 1037-1053.	6.4	4
52	Effect of Octreotide Injection on Postoperative Drainage After Neck Dissection: A Preliminary Report of a Prospective, Matched Case-Control Study. Clinical and Experimental Otorhinolaryngology, 2016, 9, 173-177.	2.1	4
53	Year-Long Trend in Glycated Hemoglobin Levels in Patients with Type 2 Diabetes during the COVID-19 Pandemic. Endocrinology and Metabolism, 2021, 36, 1142-1146.	3.0	4
54	Clusterin is involved in mediating the metabolic function of adipose SIRT1. IScience, 2022, 25, 103709.	4.1	3

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55	Identification of New Non-BBB Permeable Tryptophan Hydroxylase Inhibitors for Treating Obesity and Fatty Liver Disease. Molecules, 2022, 27, 3417.	3.8	3
56	Low-Normal Free Thyroxine Levels in Euthyroid Male Are Associated with Prediabetes. Diabetes and Metabolism Journal, 2019, 43, 718.	4.7	2
57	The Relationship Between Coronary Artery Calcification and Serum Apolipoprotein A-1 in Patients with Type 2 Diabetes. Korean Diabetes Journal, 2009, 33, 485.	0.8	2
58	Blood Leptin, Anthropometric and Biochemical Parameters in Type 2 Diabetics. The Journal of Korean Diabetes Association, 2007, 31, 75.	0.1	1
59	Impact of Social Distancing Due to Coronavirus Disease 2019 on the Changes in Glycosylated Hemoglobin Level in People with Type 2 Diabetes Mellitus (Diabetes Metab J 2021;45:109-14). Diabetes and Metabolism Journal, 2021, 45, 279-280.	4.7	1
60	Leptin is Negatively Associated with Femoral Bone Mineral Density in Postmenopausal Women with Type 2 Diabetes Mellitus. Korean Diabetes Journal, 2009, 33, 421.	0.8	1
61	A Case of Pseudopseudohypoparathyroidism with Normal Stature. Journal of Korean Endocrine Society, 2009, 24, 138.	0.1	1
62	Impact of the different biliopancreatic limb length on diabetes and incretin hormone secretion following distal gastrectomy in gastric cancer patients. Scientific Reports, 2021, 11, 22451.	3.3	1
63	The Association Between Urinary Albumin to Creatinine Ratio and Coronary Artery Calcification in Type 2 Diabetic Patients. Korean Diabetes Journal, 2009, 33, 289.	0.8	0
64	Letter: Efficacy of Moderate Intensity Statins in the Treatment of Dyslipidemia in Korean Patients with Type 2 Diabetes Mellitus (Diabetes Metab J 2017;41:23-30). Diabetes and Metabolism Journal, 2017, 41, 150.	4.7	0
65	The relationship between muscle mitochondrial nutritional overloading and insulin resistance. Yeungnam University Journal of Medicine, 2017, 34, 19-28.	1.4	0
66	Letter: Patient Understanding of Hypoglycemia in Tertiary Referral Centers (Diabetes Metab J) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.7	0
67	The Potential Cardioprotective Mechanism of Sodium-Glucose Cotransporter 2 Inhibitors. Journal of Korean Diabetes, 2019, 20, 81.	0.3	0
68	Association of Kir6.2 and Peroxisome Proliferator-activated Receptor-gamma (PPARÎ³) Polymorphisms with Type 2 Diabetes in Koreans. The Journal of Korean Diabetes Association, 2007, 31, 455.	0.1	0
69	Case of Sarcoidosis-Related Hypercalcemia with Normal Serum 1,25(OH)2D. Korean Journal of Medicine, 2015, 88, 207.	0.3	0
70	Letter: Presence of Carotid Plaque Is Associated with Rapid Renal Function Decline in Patients with Type 2 Diabetes Mellitus and Normal Renal Function (Diabetes Metab J 2019;43:840â€“53). Diabetes and Metabolism Journal, 2020, 44, 201.	4.7	0
71	Association of Kir6.2 and Peroxisome Proliferator-activated Receptor-gamma (PPARÎ³) Polymorphisms with Type 2 Diabetes in Koreans. The Journal of Korean Diabetes Association, 2007, 31, 455.	0.1	0