

Seung-Jin Han

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.

79
papers

1,459
citations

21
h-index

34
g-index

83
ext. papers

1,739
ext. citations

4.7
avg, IF

4.21
L-index

#	Paper	IF	Citations
79	Association between polymorphisms in SLC30A8, HHEX, CDKN2A/B, IGF2BP2, FTO, WFS1, CDKAL1, KCNQ1 and type 2 diabetes in the Korean population. <i>Journal of Human Genetics</i> , 2008 , 53, 991-998	4.3	126
78	Fermented kimchi reduces body weight and improves metabolic parameters in overweight and obese patients. <i>Nutrition Research</i> , 2011 , 31, 436-43	4	107
77	A polymorphism in the zinc transporter gene SLC30A8 confers resistance against posttransplantation diabetes mellitus in renal allograft recipients. <i>Diabetes</i> , 2008 , 57, 1043-7	0.9	66
76	Fibroblast growth factor-21 protects human skeletal muscle myotubes from palmitate-induced insulin resistance by inhibiting stress kinase and NF- κ B. <i>Metabolism: Clinical and Experimental</i> , 2012 , 61, 1142-51	12.7	64
75	Serum fibroblast growth factor 21 was elevated in subjects with type 2 diabetes mellitus and was associated with the presence of carotid artery plaques. <i>Diabetes Research and Clinical Practice</i> , 2012 , 96, 196-203	7.4	56
74	Beneficial effects of fresh and fermented kimchi in prediabetic individuals. <i>Annals of Nutrition and Metabolism</i> , 2013 , 63, 111-9	4.5	54
73	IL-6 induction of TLR-4 gene expression via STAT3 has an effect on insulin resistance in human skeletal muscle. <i>Acta Diabetologica</i> , 2013 , 50, 189-200	3.9	49
72	The Relationship between Diabetes Mellitus and Health-Related Quality of Life in Korean Adults: The Fourth Korea National Health and Nutrition Examination Survey (2007-2009). <i>Diabetes and Metabolism Journal</i> , 2011 , 35, 587-94	5	45
71	Capsaicin attenuates palmitate-induced expression of macrophage inflammatory protein 1 and interleukin 8 by increasing palmitate oxidation and reducing c-Jun activation in THP-1 (human acute monocytic leukemia cell) cells. <i>Nutrition Research</i> , 2011 , 31, 468-78	4	37
70	Atherosclerosis induced by a high-fat diet is alleviated by lithium chloride via reduction of VCAM expression in ApoE-deficient mice. <i>Vascular Pharmacology</i> , 2010 , 53, 264-72	5.9	36
69	Direct medical costs for patients with type 2 diabetes and related complications: a prospective cohort study based on the Korean National Diabetes Program. <i>Journal of Korean Medical Science</i> , 2012 , 27, 876-82	4.7	35
68	Incidence and predictors of type 2 diabetes among Koreans: A 12-year follow up of the Korean Genome and Epidemiology Study. <i>Diabetes Research and Clinical Practice</i> , 2017 , 123, 173-180	7.4	34
67	Association of common type 2 diabetes risk gene variants and posttransplantation diabetes mellitus in renal allograft recipients in Korea. <i>Transplantation</i> , 2009 , 88, 693-8	1.8	32
66	Newly Developed Sarcopenia as a Prognostic Factor for Survival in Patients who Underwent Liver Transplantation. <i>PLoS ONE</i> , 2015 , 10, e0143966	3.7	31
65	Lithospermic acid B ameliorates the development of diabetic nephropathy in OLETF rats. <i>European Journal of Pharmacology</i> , 2008 , 579, 418-25	5.3	26
64	Low Plasma Adiponectin Concentrations Predict Increases in Visceral Adiposity and Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 4626-4633	5.6	25
63	Sleep duration and glycemic control in patients with diabetes mellitus: Korea National Health and Nutrition Examination Survey 2007-2010. <i>Journal of Korean Medical Science</i> , 2013 , 28, 1334-9	4.7	25

62	Association of Thigh Muscle Mass with Insulin Resistance and Incident Type 2 Diabetes Mellitus in Japanese Americans. <i>Diabetes and Metabolism Journal</i> , 2018 , 42, 488-495	5	25
61	Increased risk of suicidal ideation in Korean adults with both diabetes and depression. <i>Diabetes Research and Clinical Practice</i> , 2013 , 101, e14-7	7.4	24
60	Renal Protective Effect of DPP-4 Inhibitors in Type 2 Diabetes Mellitus Patients: A Cohort Study. <i>Journal of Diabetes Research</i> , 2016 , 2016, 1423191	3.9	24
59	Effect of sitagliptin plus metformin on β cell function, islet integrity and islet gene expression in Zucker diabetic fatty rats. <i>Diabetes Research and Clinical Practice</i> , 2011 , 92, 213-22	7.4	23
58	LPIN1 genetic variation is associated with rosiglitazone response in type 2 diabetic patients. <i>Molecular Genetics and Metabolism</i> , 2008 , 95, 96-100	3.7	21
57	Involvement of iron depletion in palmitate-induced lipotoxicity of beta cells. <i>Molecular and Cellular Endocrinology</i> , 2015 , 407, 74-84	4.4	20
56	Effect of socio-economic status on the prevalence of diabetes. <i>Yonsei Medical Journal</i> , 2015 , 56, 641-7	3	20
55	Gastrectomy for early gastric cancer is associated with decreased cardiovascular mortality in association with postsurgical metabolic changes. <i>Annals of Surgical Oncology</i> , 2013 , 20, 1250-7	3.1	20
54	The C609T variant of NQO1 is associated with carotid artery plaques in patients with type 2 diabetes. <i>Molecular Genetics and Metabolism</i> , 2009 , 97, 85-90	3.7	20
53	The Association of Adiponectin and Visceral Fat with Insulin Resistance and β Cell Dysfunction. <i>Journal of Korean Medical Science</i> , 2019 , 34, e7	4.7	19
52	Adiponectin gene polymorphism 45T>G is associated with carotid artery plaques in patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2008 , 57, 274-9	12.7	19
51	Effects of pentoxifylline on proteinuria and glucose control in patients with type 2 diabetes: a prospective randomized double-blind multicenter study. <i>Diabetology and Metabolic Syndrome</i> , 2015 , 7, 64	5.6	18
50	Supplement of TCA cycle intermediates protects against high glucose/palmitate-induced INS-1 beta cell death. <i>Archives of Biochemistry and Biophysics</i> , 2011 , 505, 231-41	4.1	18
49	Rosiglitazone inhibits early stage of glucolipotoxicity-induced beta-cell apoptosis. <i>Hormone Research</i> , 2008 , 70, 165-73		18
48	Obesity and Hyperglycemia in Korean Men with Klinefelter Syndrome: The Korean Endocrine Society Registry. <i>Endocrinology and Metabolism</i> , 2016 , 31, 598-603	3.5	18
47	Toxicity generated through inhibition of pyruvate carboxylase and carnitine palmitoyl transferase-1 is similar to high glucose/palmitate-induced glucolipotoxicity in INS-1 beta cells. <i>Molecular and Cellular Endocrinology</i> , 2014 , 383, 48-59	4.4	17
46	Hypoglycemia and Dementia Risk in Older Patients with Type 2 Diabetes Mellitus: A Propensity-Score Matched Analysis of a Population-Based Cohort Study. <i>Diabetes and Metabolism Journal</i> , 2020 , 44, 125-133	5	16
45	Anti-inflammatory Effects of Empagliflozin and Gemigliptin on LPS-Stimulated Macrophage via the IKK/NF- κ B, MKK7/JNK, and JAK2/STAT1 Signalling Pathways. <i>Journal of Immunology Research</i> , 2021 , 2021, 9944880	4.5	16

44	Intake of brown rice lees reduces waist circumference and improves metabolic parameters in type 2 diabetes. <i>Nutrition Research</i> , 2011 , 31, 131-8	4	15
43	Involvement of visfatin in palmitate-induced upregulation of inflammatory cytokines in hepatocytes. <i>Metabolism: Clinical and Experimental</i> , 2011 , 60, 1781-9	12.7	15
42	Effects of pioglitazone on subclinical atherosclerosis and insulin resistance in nondiabetic renal allograft recipients. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 976-84	4.3	14
41	Incretin secretion and serum DPP-IV activity in Korean patients with type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2010 , 89, e49-52	7.4	14
40	Cell-protective effect of 2-aminobicyclo-(2,2,1)-heptane-2-carboxylic acid as a glutamate dehydrogenase activator in db/db mice. <i>Journal of Endocrinology</i> , 2012 , 212, 307-15	4.7	14
39	Dual pathways of p53 mediated glucolipotoxicity-induced apoptosis of rat cardiomyoblast cell: activation of p53 proapoptosis and inhibition of Nrf2-NQO1 antiapoptosis. <i>Metabolism: Clinical and Experimental</i> , 2012 , 61, 496-503	12.7	13
38	Association between insulin resistance and impairment of FGF21 signal transduction in skeletal muscles. <i>Endocrine</i> , 2016 , 53, 97-106	4	12
37	Impact of Cadmium Exposure on the Association between Lipopolysaccharide and Metabolic Syndrome. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 11396-409	4.6	12
36	Utilization patterns and cost of complementary and alternative medicine compared to conventional medicine in patients with type 2 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2011 , 93, 115-22	7.1	12
35	Effectiveness and safety of sodium-glucose co-transporter-2 inhibitors compared with dipeptidyl peptidase-4 inhibitors in older adults with type 2 diabetes: A nationwide population-based study. <i>Diabetes, Obesity and Metabolism</i> , 2021 , 23, 682-691	6.7	12
34	Risk factors of severe hypoglycemia requiring medical assistance and neurological sequelae in patients with diabetes: A case-control study. <i>Medicine (United States)</i> , 2016 , 95, e5365	1.8	10
33	MicroRNA-132 Negatively Regulates Palmitate-Induced NLRP3 Inflammasome Activation through FOXO3 Down-Regulation in THP-1 Cells. <i>Nutrients</i> , 2017 , 9,	6.7	10
32	Psychometric Properties of the Diabetes Management Self-Efficacy Scale in Korean Patients with Type 2 Diabetes. <i>International Journal of Endocrinology</i> , 2015 , 2015, 780701	2.7	10
31	Risk of Dementia in Older Patients with Type 2 Diabetes on Dipeptidyl-Peptidase IV Inhibitors Versus Sulfonylureas: A Real-World Population-Based Cohort Study. <i>Journal of Clinical Medicine</i> , 2018 , 8,	5.1	10
30	Glutamate dehydrogenase activator BCH stimulating reductive amination prevents high fat/high fructose diet-induced steatohepatitis and hyperglycemia in C57BL/6J mice. <i>Scientific Reports</i> , 2016 , 5, 37468	4.9	9
29	Effect of sarpogrelate, a selective 5-HT receptor antagonist, on characteristics of coronary artery disease in patients with type 2 diabetes. <i>Atherosclerosis</i> , 2017 , 257, 47-54	3.1	8
28	Effects of combination of change in visceral fat and thigh muscle mass on the development of type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2017 , 134, 131-138	7.4	6
27	Clinical and economic outcomes in medication-adherent and -nonadherent patients with type 2 diabetes mellitus in the Republic of Korea. <i>Clinical Therapeutics</i> , 2014 , 36, 245-54	3.5	6

26	Differential significance of plasma visfatin concentrations according to adiposity in children and adolescents. <i>Hormone Research in Paediatrics</i> , 2013 , 79, 208-13	3.3	6
25	Multi-disciplinary treatment of a rare pelvic cavity ependymoma. <i>Yonsei Medical Journal</i> , 2007 , 48, 719-23		6
24	A Case of Multiple Endocrine Neoplasia Type 1 with Mutation in MENIN Gene. <i>Journal of Korean Endocrine Society</i> , 2005 , 20, 71		6
23	Classical PKC is not associated with defective insulin signaling in patients with impaired glucose tolerance. <i>Diabetes Research and Clinical Practice</i> , 2009 , 83, 334-40	7.4	5
22	Effects of Walking and Physical Activity on Glucose Regulation among Type 2 Diabetics. <i>Korean Diabetes Journal</i> , 2008 , 32, 60		5
21	A Korean version of the Appraisal of Diabetes Scale (ADS-K): psychometric evaluation with a population of Koreans with type 2 diabetes. <i>Journal of Transcultural Nursing</i> , 2015 , 26, 270-8	2.2	4
20	A compound (DW1182v) protecting high glucose/palmitate-induced glucolipototoxicity to INS-1 beta cells preserves islet integrity and improves hyperglycemia in obese db/db mouse. <i>European Journal of Pharmacology</i> , 2012 , 696, 187-93	5.3	4
19	Supplementation of pyruvate prevents palmitate-induced impairment of glucose uptake in C2 myotubes. <i>Molecular and Cellular Endocrinology</i> , 2011 , 345, 79-87	4.4	3
18	Leptin and Adiponectin Concentrations Independently Predict Future Accumulation of Visceral Fat in Nondiabetic Japanese Americans. <i>Obesity</i> , 2021 , 29, 233-239	8	3
17	Trends in the effects of pre-transplant diabetes on mortality and cardiovascular events after kidney transplantation. <i>Journal of Diabetes Investigation</i> , 2021 , 12, 811-818	3.9	3
16	A higher burden of small low-density lipoprotein particles is associated with profound changes in the free androgen index in male adolescents. <i>Journal of Korean Medical Science</i> , 2011 , 26, 534-9	4.7	2
15	Hepatoprotective effects of gemigliptin and empagliflozin in a murine model of diet-induced non-alcoholic fatty liver disease.. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 588, 154-160	3.4	2
14	Response: Association of Thigh Muscle Mass with Insulin Resistance and Incident Type 2 Diabetes Mellitus in Japanese Americans (Diabetes Metab J 2018;42:488-95). <i>Diabetes and Metabolism Journal</i> , 2019 , 43, 125-126	5	1
13	Non-functional Pituitary Adenoma Detected on 18F-fluorodeoxyglucose Positron Emission Tomography (18F-FDG-PET) in a Patient with Mucosa-associated Lymphoid Tissue Lymphoma. <i>Journal of Korean Endocrine Society</i> , 2008 , 23, 137		1
12	Pituitary Hormonal Changes after Transsphenoidal Tumor Removal in Non-Functioning Pituitary Adenoma. <i>Journal of Korean Endocrine Society</i> , 2009 , 24, 181		1
11	Treatment Strategy to Prevent Hypoglycemia. <i>Journal of Korean Diabetes</i> , 2016 , 17, 30	0.1	1
10	A Case of an Adrenocortical Carcinoma with Pulmonary Embolism as the Initial Manifestation. <i>Endocrinology and Metabolism</i> , 2012 , 27, 93	3.5	0
9	Response: Hypoglycemia and Dementia Risk in Older Patients with Type 2 Diabetes Mellitus: A Propensity-Score Matched Analysis of a Population-Based Cohort Study (2020;44:125-33). <i>Diabetes and Metabolism Journal</i> , 2020 , 44, 360-361	5	0

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| 8 | Apolipoprotein B Levels Predict Future Development of Hypertension Independent of Visceral Adiposity and Insulin Sensitivity. <i>Endocrinology and Metabolism</i> , 2020 , 35, 351-358 | 3.5 | ○ |
| 7 | Empagliflozin Reduces the Progression of Hepatic Fibrosis in a Mouse Model and Inhibits the Activation of Hepatic Stellate Cells via the Hippo Signalling Pathway. <i>Biomedicines</i> , 2022 , 10, 1032 | 4.8 | ○ |
| 6 | Exercise in the Elderly with Diabetes. <i>Journal of Korean Diabetes</i> , 2011 , 12, 37 | 0.1 | |
| 5 | A Case of Persistent Hyperkalemia After Unilateral Adrenalectomy for Aldosterone-Producing Adenoma. <i>Journal of Korean Endocrine Society</i> , 2009 , 24, 201 | | |
| 4 | Multiple Cavitory Pulmonary Metastases from Cholangiocarcinoma. <i>Tuberculosis and Respiratory Diseases</i> , 2004 , 56, 216 | | |
| 3 | Adiponectin Gene Polymorphism and Carotid Artery Intima-Media thickness in Type 2 Diabetes. <i>Journal of Korean Endocrine Society</i> , 2005 , 20, 29 | | |
| 2 | Protective Effects of Lithospermic Acid B on Diabetic Nephropathy in OLETF Rats Comparing with Amlodipine and Losartan. <i>Korean Diabetes Journal</i> , 2008 , 32, 10 | | |
| 1 | Effects of Adding ω 3 Fatty Acids to Simvastatin on Lipids, Lipoprotein Size and Subspecies in Type 2 Diabetes Mellitus with Hypertriglyceridemia. <i>Korean Diabetes Journal</i> , 2009 , 33, 494 | | |