

Byung-Wan Lee

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.

183
papers

6,386
citations

32
h-index

76
g-index

198
ext. papers

7,595
ext. citations

4.8
avg. IF

5.32
L-index

#	Paper	IF	Citations
183	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544.	14.2	2783
182	Background and data configuration process of a nationwide population-based study using the Korean national health insurance system. <i>Diabetes and Metabolism Journal</i> , 2014 , 38, 395-403	5	328
181	Sarcopaenia is associated with NAFLD independently of obesity and insulin resistance: Nationwide surveys (KNHANES 2008-2011). <i>Journal of Hepatology</i> , 2015 , 63, 486-93	13.4	186
180	Metformin alleviates hepatosteatosis by restoring SIRT1-mediated autophagy induction via an AMP-activated protein kinase-independent pathway. <i>Autophagy</i> , 2015 , 11, 46-59	10.2	179
179	Sarcopenia is associated with significant liver fibrosis independently of obesity and insulin resistance in nonalcoholic fatty liver disease: Nationwide surveys (KNHANES 2008-2011). <i>Hepatology</i> , 2016 , 63, 776-86	11.2	175
178	Ezetimibe ameliorates steatohepatitis via AMP activated protein kinase-TFEB-mediated activation of autophagy and NLRP3 inflammasome inhibition. <i>Autophagy</i> , 2017 , 13, 1767-1781	10.2	97
177	SGLT2 inhibition modulates NLRP3 inflammasome activity via ketones and insulin in diabetes with cardiovascular disease. <i>Nature Communications</i> , 2020 , 11, 2127	17.4	96
176	Glycated albumin is a useful glycation index for monitoring fluctuating and poorly controlled type 2 diabetic patients. <i>Acta Diabetologica</i> , 2011 , 48, 167-72	3.9	64
175	The roles of glycated albumin as intermediate glycation index and pathogenic protein. <i>Diabetes and Metabolism Journal</i> , 2012 , 36, 98-107	5	63
174	Nonalcoholic Fatty Liver Disease in Diabetes. Part I: Epidemiology and Diagnosis. <i>Diabetes and Metabolism Journal</i> , 2019 , 43, 31-45	5	60
173	Lobeglitazone, a Novel Thiazolidinedione, Improves Non-Alcoholic Fatty Liver Disease in Type 2 Diabetes: Its Efficacy and Predictive Factors Related to Responsiveness. <i>Journal of Korean Medical Science</i> , 2017 , 32, 60-69	4.7	56
172	Association of non-alcoholic steatohepatitis with subclinical myocardial dysfunction in non-cirrhotic patients. <i>Journal of Hepatology</i> , 2018 , 68, 764-772	13.4	55
171	Association between betatrophin/ANGPTL8 and non-alcoholic fatty liver disease: animal and human studies. <i>Scientific Reports</i> , 2016 , 6, 24013	4.9	54
170	Non-laboratory-based self-assessment screening score for non-alcoholic fatty liver disease: development, validation and comparison with other scores. <i>PLoS ONE</i> , 2014 , 9, e107584	3.7	53
169	Metformin Restores Parkin-Mediated Mitophagy, Suppressed by Cytosolic p53. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	52
168	The Effectiveness of Intermittent Fasting to Reduce Body Mass Index and Glucose Metabolism: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	48
167	Serum glycated albumin predicts the progression of carotid arterial atherosclerosis. <i>Atherosclerosis</i> , 2012 , 225, 450-5	3.1	48

166	Obesity is more closely related with hepatic steatosis and fibrosis measured by transient elastography than metabolic health status. <i>Metabolism: Clinical and Experimental</i> , 2017 , 66, 23-31	12.7	46
165	Dimethyl sulfoxide reduces hepatocellular lipid accumulation through autophagy induction. <i>Autophagy</i> , 2012 , 8, 1085-97	10.2	44
164	Decreased endothelial progenitor cells and increased serum glycated albumin are independently correlated with plaque-forming carotid artery atherosclerosis in type 2 diabetes patients without documented ischemic disease. <i>Circulation Journal</i> , 2012 , 76, 2273-9	2.9	44
163	Epicardial adipose tissue thickness is an indicator for coronary artery stenosis in asymptomatic type 2 diabetic patients: its assessment by cardiac magnetic resonance. <i>Cardiovascular Diabetology</i> , 2012 , 11, 83	8.7	40
162	RAGE ligands induce apoptotic cell death of pancreatic β cells via oxidative stress. <i>International Journal of Molecular Medicine</i> , 2010 , 26, 813-8	4.4	40
161	Korean red ginseng (<i>Panax ginseng</i>) improves insulin sensitivity in high fat fed Sprague-Dawley rats. <i>Phytotherapy Research</i> , 2012 , 26, 142-7	6.7	39
160	Antihyperglycemic Agent Therapy for Adult Patients with Type 2 Diabetes Mellitus 2017: A Position Statement of the Korean Diabetes Association. <i>Diabetes and Metabolism Journal</i> , 2017 , 41, 337-348	5	38
159	Association between dietary acid load and the risk of cardiovascular disease: nationwide surveys (KNHANES 2008-2011). <i>Cardiovascular Diabetology</i> , 2016 , 15, 122	8.7	38
158	Transcription factor Snail is a novel regulator of adipocyte differentiation via inhibiting the expression of peroxisome proliferator-activated receptor α . <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 3959-71	10.3	37
157	Lithospermic acid B protects β cells from cytokine-induced apoptosis by alleviating apoptotic pathways and activating anti-apoptotic pathways of Nrf2-HO-1 and Sirt1. <i>Toxicology and Applied Pharmacology</i> , 2011 , 252, 47-54	4.6	35
156	Low-dose pioglitazone can ameliorate learning and memory impairment in a mouse model of dementia by increasing LRP1 expression in the hippocampus. <i>Scientific Reports</i> , 2019 , 9, 4414	4.9	33
155	Sarcopenia is associated with albuminuria independently of hypertension and diabetes: KNHANES 2008-2011. <i>Metabolism: Clinical and Experimental</i> , 2016 , 65, 1531-40	12.7	33
154	Serum cholesterol concentration and prevalence, awareness, treatment, and control of high low-density lipoprotein cholesterol in the Korea National Health and Nutrition Examination Surveys 2008-2010: Beyond the Tip of the Iceberg. <i>Journal of the American Heart Association</i> , 2014 , 3, e000650	6	33
153	The ratio of glycated albumin to glycated haemoglobin correlates with insulin secretory function. <i>Clinical Endocrinology</i> , 2012 , 77, 679-83	3.4	33
152	The favorable outcome of human islet transplantation in Korea: experiences of 10 autologous transplantations. <i>Transplantation</i> , 2005 , 79, 1568-74	1.8	32
151	The risk of bladder cancer in Korean diabetic subjects treated with pioglitazone. <i>Diabetes and Metabolism Journal</i> , 2012 , 36, 371-8	5	31
150	2021 Clinical Practice Guidelines for Diabetes Mellitus of the Korean Diabetes Association. <i>Diabetes and Metabolism Journal</i> , 2021 , 45, 461-481	5	31
149	The effect of rosiglitazone on LRP1 expression and amyloid β uptake in human brain microvascular endothelial cells: a possible role of a low-dose thiazolidinedione for dementia treatment. <i>International Journal of Neuropsychopharmacology</i> , 2012 , 15, 135-42	5.8	28

148	Effects of Omega-3 Fatty Acid Supplementation on Diabetic Nephropathy Progression in Patients with Diabetes and Hypertriglyceridemia. <i>PLoS ONE</i> , 2016 , 11, e0154683	3.7	28
147	Urinary N-acetyl-β-D-glucosaminidase, an early marker of diabetic kidney disease, might reflect glucose excursion in patients with type 2 diabetes. <i>Medicine (United States)</i> , 2016 , 95, e4114	1.8	27
146	The Effect of DPP-4 Inhibitors on Metabolic Parameters in Patients with Type 2 Diabetes. <i>Diabetes and Metabolism Journal</i> , 2014 , 38, 211-9	5	26
145	Risk of bladder cancer among patients with diabetes treated with a 15 mg pioglitazone dose in Korea: a multi-center retrospective cohort study. <i>Journal of Korean Medical Science</i> , 2014 , 29, 238-42	4.7	25
144	Trends in Diabetes Incidence in the Last Decade Based on Korean National Health Insurance Claims Data. <i>Endocrinology and Metabolism</i> , 2016 , 31, 292-9	3.5	25
143	The relationship between BMI and glycated albumin to glycated hemoglobin (GA/A1c) ratio according to glucose tolerance status. <i>PLoS ONE</i> , 2014 , 9, e89478	3.7	24
142	Effective glycemic control achieved by transplanting non-viral cationic liposome-mediated VEGF-transfected islets in streptozotocin-induced diabetic mice. <i>Experimental and Molecular Medicine</i> , 2005 , 37, 513-23	12.8	24
141	Nonalcoholic Fatty Liver Disease and Sarcopenia Are Independently Associated With Cardiovascular Risk. <i>American Journal of Gastroenterology</i> , 2020 , 115, 584-595	0.7	24
140	Nonalcoholic Fatty Liver Disease and Diabetes: Part II: Treatment. <i>Diabetes and Metabolism Journal</i> , 2019 , 43, 127-143	5	23
139	Optimal glycated albumin cutoff value to diagnose diabetes in Korean adults: a retrospective study based on the oral glucose tolerance test. <i>Clinica Chimica Acta</i> , 2014 , 437, 1-5	6.2	23
138	Potential association between coronary artery disease and the inflammatory biomarker YKL-40 in asymptomatic patients with type 2 diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2012 , 11, 84	8.7	23
137	Increased Risk of Hospitalization for Heart Failure with Newly Prescribed Dipeptidyl Peptidase-4 Inhibitors and Pioglitazone Using the Korean Health Insurance Claims Database. <i>Diabetes and Metabolism Journal</i> , 2015 , 39, 247-52	5	21
136	Insulin secretory defect plays a major role in the development of diabetes in patients with distal pancreatectomy. <i>Metabolism: Clinical and Experimental</i> , 2006 , 55, 135-41	12.7	21
135	Postprandial C-peptide to glucose ratio as a predictor of β-cell function and its usefulness for staged management of type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2014 , 5, 517-24	3.9	20
134	Sodium-glucose cotransporter 2 inhibitors regulate ketone body metabolism via inter-organ crosstalk. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 801-811	6.7	20
133	1,5-anhydroglucitol as a useful marker for assessing short-term glycemic excursions in type 1 diabetes. <i>Diabetes and Metabolism Journal</i> , 2015 , 39, 164-70	5	19
132	Enhanced protection of Ins-1 beta cells from apoptosis under hypoxia by delivery of DNA encoding secretion signal peptide-linked exendin-4. <i>Journal of Drug Targeting</i> , 2009 , 17, 242-8	5.4	19
131	The renal tubular damage marker urinary N-acetyl-β-D-glucosaminidase may be more closely associated with early detection of atherosclerosis than the glomerular damage marker albuminuria in patients with type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2017 , 16, 16	8.7	18

130	Variants of the adiponectin gene and diabetic microvascular complications in patients with type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2013 , 62, 677-85	12.7	18
129	Glycated albumin causes pancreatic β cells dysfunction through autophagy dysfunction. <i>Endocrinology</i> , 2013 , 154, 2626-39	4.8	18
128	Delivery of hypoxia-inducible VEGF gene to rat islets using polyethylenimine. <i>Journal of Drug Targeting</i> , 2009 , 17, 1-9	5.4	18
127	A better yield of islet cell mass from living pancreatic donors compared with cadaveric donors. <i>Clinical Transplantation</i> , 2007 , 21, 738-43	3.8	18
126	Ipragliflozin Additively Ameliorates Non-Alcoholic Fatty Liver Disease in Patients with Type 2 Diabetes Controlled with Metformin and Pioglitazone: A 24-Week Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	17
125	Combining SGLT2 Inhibition With a Thiazolidinedione Additively Attenuate the Very Early Phase of Diabetic Nephropathy Progression in Type 2 Diabetes Mellitus. <i>Frontiers in Endocrinology</i> , 2018 , 9, 412	5.7	17
124	Association Between Heme Oxygenase-1 Promoter Polymorphisms and the Development of Albuminuria in Type 2 Diabetes: A Case-Control Study. <i>Medicine (United States)</i> , 2015 , 94, e1825	1.8	17
123	Clinical characteristics and insulin independence of Koreans with new-onset type 2 diabetes presenting with diabetic ketoacidosis. <i>Diabetes/Metabolism Research and Reviews</i> , 2013 , 29, 507-13	7.5	17
122	A case of hypoglycemic brain injuries with cortical laminar necrosis. <i>Journal of Korean Medical Science</i> , 2010 , 25, 961-5	4.7	17
121	Combination therapy of oral hypoglycemic agents in patients with type 2 diabetes mellitus. <i>Korean Journal of Internal Medicine</i> , 2017 , 32, 974-983	2.5	16
120	Glycemic Effectiveness of Metformin-Based Dual-Combination Therapies with Sulphonylurea, Pioglitazone, or DPP4-Inhibitor in Drug-Naïve Korean Type 2 Diabetic Patients. <i>Diabetes and Metabolism Journal</i> , 2013 , 37, 465-74	5	16
119	Dietary oleate has beneficial effects on every step of non-alcoholic fatty liver disease progression in a methionine- and choline-deficient diet-fed animal model. <i>Diabetes and Metabolism Journal</i> , 2011 , 35, 489-96	5	16
118	Pentoxifylline attenuates methionine- and choline-deficient-diet-induced steatohepatitis by suppressing TNF- α expression and endoplasmic reticulum stress. <i>Experimental Diabetes Research</i> , 2012 , 2012, 762565		16
117	Non-Alcoholic Fatty Liver Disease in Patients with Type 2 Diabetes Mellitus: A Position Statement of the Fatty Liver Research Group of the Korean Diabetes Association. <i>Diabetes and Metabolism Journal</i> , 2020 , 44, 382-401	5	16
116	Protective Effect of Metformin Against Thyroid Cancer Development: A Population-Based Study in Korea. <i>Thyroid</i> , 2018 , 28, 864-870	6.2	16
115	Anatomic fat depots and cardiovascular risk: a focus on the leg fat using nationwide surveys (KNHANES 2008-2011). <i>Cardiovascular Diabetology</i> , 2017 , 16, 54	8.7	15
114	Malignant thymoma associated with myasthenia gravis, Graves Disease, and SIADH. <i>Internal Medicine</i> , 2008 , 47, 1009-12	1.1	15
113	Undiagnosed diabetes is prevalent in younger adults and associated with a higher risk cardiometabolic profile compared to diagnosed diabetes. <i>American Heart Journal</i> , 2015 , 170, 760-769.e2	4.9	14

112	Tolerability, effectiveness and predictive parameters for the therapeutic usefulness of exenatide in obese, Korean patients with type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2014 , 5, 554-62	3.9	14
111	Upregulation of hepatic LRP1 by rosiglitazone: a possible novel mechanism of the beneficial effect of thiazolidinediones on atherogenic dyslipidemia. <i>Journal of Molecular Endocrinology</i> , 2012 , 49, 165-74	4.5	14
110	Relationship Between Circulating Netrin-1 Concentration, Impaired Fasting Glucose, and Newly Diagnosed Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , 2018 , 9, 691	5.7	14
109	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
108	Glycated albumin and the risk of micro- and macrovascular complications in subjects with type 1 diabetes. <i>Cardiovascular Diabetology</i> , 2015 , 14, 53	8.7	13
107	Postprandial Triglyceride Is Associated with Fasting Triglyceride and HOMA-IR in Korean Subjects with Type 2 Diabetes. <i>Diabetes and Metabolism Journal</i> , 2011 , 35, 404-10	5	13
106	Delayed improvement of insulin secretion after autologous islet transplantation in partially pancreatectomized patients. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 1629-35	12.7	13
105	Association between Non-Alcoholic Steatohepatitis and Left Ventricular Diastolic Dysfunction in Type 2 Diabetes Mellitus. <i>Diabetes and Metabolism Journal</i> , 2020 , 44, 267-276	5	13
104	Monotherapy in Patients with Type 2 Diabetes Mellitus. <i>Diabetes and Metabolism Journal</i> , 2017 , 41, 349-356	3.56	12
103	Beneficial effect of anti-diabetic drugs for nonalcoholic fatty liver disease. <i>Clinical and Molecular Hepatology</i> , 2020 , 26, 430-443	6.9	12
102	Non-alcoholic steatohepatitis and progression of carotid atherosclerosis in patients with type 2 diabetes: a Korean cohort study. <i>Cardiovascular Diabetology</i> , 2020 , 19, 81	8.7	11
101	Association between Metformin Use and Risk of Lactic Acidosis or Elevated Lactate Concentration in Type 2 Diabetes. <i>Yonsei Medical Journal</i> , 2017 , 58, 312-318	3	11
100	Waist-to-calf circumference ratio is an independent predictor of hepatic steatosis and fibrosis in patients with type 2 diabetes. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2018 , 33, 1082-1091	4	11
99	Efficacy of different dipeptidyl peptidase-4 (DPP-4) inhibitors on metabolic parameters in patients with type 2 diabetes undergoing dialysis. <i>Medicine (United States)</i> , 2016 , 95, e4543	1.8	11
98	Comparative effectiveness of telemonitoring versus usual care for type 2 diabetes: A systematic review and meta-analysis. <i>Journal of Telemedicine and Telecare</i> , 2019 , 25, 587-601	6.8	11
97	Optimal candidates for the switch from glimepiride to sitagliptin to reduce hypoglycemia in patients with type 2 diabetes mellitus. <i>Endocrinology and Metabolism</i> , 2015 , 30, 84-91	3.5	11
96	Human monoclonal antibodies against glucagon receptor improve glucose homeostasis by suppression of hepatic glucose output in diet-induced obese mice. <i>PLoS ONE</i> , 2012 , 7, e50954	3.7	11
95	Predictors of the Therapeutic Efficacy and Consideration of the Best Combination Therapy of Sodium-Glucose Co-transporter 2 Inhibitors. <i>Diabetes and Metabolism Journal</i> , 2019 , 43, 158-173	5	10

94	The glycated albumin to glycated hemoglobin ratio might not be associated with carotid atherosclerosis in patients with type 1 diabetes. <i>Diabetes and Metabolism Journal</i> , 2014 , 38, 456-63	5	10
93	Balsamic Vinegar Improves High Fat-Induced Beta Cell Dysfunction via Beta Cell ABCA1. <i>Diabetes and Metabolism Journal</i> , 2012 , 36, 275-9	5	10
92	Antihyperglycemic agent therapy for adult patients with type 2 diabetes mellitus 2017: a position statement of the Korean Diabetes Association. <i>Korean Journal of Internal Medicine</i> , 2017 , 32, 947-958	2.5	10
91	Comparison and Validation of 10 Equations Including a Novel Method for Estimation of LDL-cholesterol in a 168,212 Asian Population. <i>Medicine (United States)</i> , 2016 , 95, e3230	1.8	10
90	Glycated Albumin Is a More Useful Glycation Index than HbA1c for Reflecting Renal Tubulopathy in Subjects with Early Diabetic Kidney Disease. <i>Diabetes and Metabolism Journal</i> , 2018 , 42, 215-223	5	10
89	Comparison of the Effects of Ezetimibe-Statin Combination Therapy on Major Adverse Cardiovascular Events in Patients with and without Diabetes: A Meta-Analysis. <i>Endocrinology and Metabolism</i> , 2018 , 33, 219-227	3.5	9
88	Characteristics of Dapagliflozin Responders: A Longitudinal, Prospective, Nationwide Dapagliflozin Surveillance Study in Korea. <i>Diabetes Therapy</i> , 2018 , 9, 1689-1701	3.6	9
87	Dysfunctional pancreatic beta-cells of critical stress play a more prominent role in the development of stress diabetes in critically burned Korean subjects. <i>Metabolism: Clinical and Experimental</i> , 2010 , 59, 1307-15	12.7	9
86	Amadori-glycated albumin-induced vascular smooth muscle cell proliferation and expression of inhibitor of apoptosis protein-1 and nerve growth factor-gamma. <i>BioFactors</i> , 2007 , 31, 145-53	6.1	9
85	Data Configuration and Publication Trends for the Korean National Health Insurance and Health Insurance Review & Assessment Database. <i>Diabetes and Metabolism Journal</i> , 2020 , 44, 671-678	5	9
84	Effectiveness of Exercise Intervention in Reducing Body Weight and Glycosylated Hemoglobin Levels in Patients with Type 2 Diabetes Mellitus in Korea: A Systematic Review and Meta-Analysis. <i>Diabetes and Metabolism Journal</i> , 2019 , 43, 302-318	5	8
83	Impact of diabetes mellitus and chronic liver disease on the incidence of dementia and all-cause mortality among patients with dementia. <i>Medicine (United States)</i> , 2017 , 96, e8753	1.8	8
82	Insulin Therapy for Adult Patients with Type 2 Diabetes Mellitus: A Position Statement of the Korean Diabetes Association, 2017. <i>Diabetes and Metabolism Journal</i> , 2017 , 41, 367-373	5	8
81	Inverse association between glycated albumin and insulin secretory function may explain higher levels of glycated albumin in subjects with longer duration of diabetes. <i>PLoS ONE</i> , 2014 , 9, e108772	3.7	8
80	Comparison of two creatinine-based equations for predicting decline in renal function in type 2 diabetic patients with nephropathy in a Korean population. <i>International Journal of Endocrinology</i> , 2013 , 2013, 848963	2.7	8
79	Higher morning to evening ratio in total dose of twice-daily biphasic insulin analog might be effective in achieving glucose control in patients with poorly controlled type 2 diabetes. <i>Diabetes Technology and Therapeutics</i> , 2012 , 14, 508-14	8.1	8
78	Factors associated with greater benefit of a national reimbursement policy for blood glucose test strips in adult patients with type 1 diabetes: A prospective cohort study. <i>Journal of Diabetes Investigation</i> , 2017 , 9, 549	3.9	8
77	Acarbose Add-on Therapy in Patients with Type 2 Diabetes Mellitus with Metformin and Sitagliptin Failure: A Multicenter, Randomized, Double-Blind, Placebo-Controlled Study. <i>Diabetes and Metabolism Journal</i> , 2019 , 43, 287-301	5	7

76	Elevated urinary N-acetyl-β-D-glucosaminidase is associated with high glycoalbumin-to-hemoglobin A1c ratio in type 1 diabetes patients with early diabetic kidney disease. <i>Scientific Reports</i> , 2018 , 8, 6710	4.9	7
75	The glycemic efficacies of insulin analogue regimens according to baseline glycemic status in Korean patients with type 2 diabetes: sub-analysis from the A(1)chieve(Ⅱ) study. <i>International Journal of Clinical Practice</i> , 2014 , 68, 1338-44	2.9	7
74	Effect of cilostazol on carotid intima-media thickness in type 2 diabetic patients without cardiovascular event. <i>Endocrine</i> , 2014 , 47, 138-45	4	7
73	Glycemic Effects of Once-a-Day Rapid-Acting Insulin Analogue Addition on a Basal Insulin Analogue in Korean Subjects with Poorly Controlled Type 2 Diabetes Mellitus. <i>Diabetes and Metabolism Journal</i> , 2012 , 36, 230-6	5	7
72	Rosiglitazone attenuates casein-induced hepatic endoplasmic reticulum stress in Sprague-Dawley rats: a novel model of endoplasmic reticulum stress. <i>Endocrine Journal</i> , 2013 , 60, 1231-40	2.9	7
71	A comparison of non-viral vectors for gene delivery to pancreatic beta-cells: delivering a hypoxia-inducible vascular endothelial growth factor gene to rat islets. <i>International Journal of Molecular Medicine</i> , 2009 , 23, 757-62	4.4	7
70	Effect of Dapagliflozin as an Add-on Therapy to Insulin on the Glycemic Variability in Subjects with Type 2 Diabetes Mellitus (DIVE): A Multicenter, Placebo-Controlled, Double-Blind, Randomized Study. <i>Diabetes and Metabolism Journal</i> , 2021 , 45, 339-348	5	7
69	Ipragliflozin, an SGLT2 Inhibitor, Ameliorates High-Fat Diet-Induced Metabolic Changes by Upregulating Energy Expenditure through Activation of the AMPK/ SIRT1 Pathway. <i>Diabetes and Metabolism Journal</i> , 2021 , 45, 921-932	5	7
68	Fasting serum amino acids concentration is associated with insulin resistance and pro-inflammatory cytokines. <i>Diabetes Research and Clinical Practice</i> , 2018 , 140, 107-117	7.4	6
67	Use of a Diabetes Self-Assessment Score to Predict Nonalcoholic Fatty Liver Disease and Nonalcoholic Steatohepatitis. <i>Medicine (United States)</i> , 2015 , 94, e1103	1.8	6
66	Glycated Albumin Levels in Patients with Type 2 Diabetes Increase Relative to HbA1c with Time. <i>BioMed Research International</i> , 2015 , 2015, 576306	3	6
65	Development of an HbA1c-based conversion equation for estimating glycated albumin in a Korean population with a wide range of glucose intolerance. <i>PLoS ONE</i> , 2014 , 9, e95729	3.7	6
64	Trends in Hyperglycemic Crisis Hospitalizations and in- and out-of-Hospital Mortality in the Last Decade Based on Korean National Health Insurance Claims Data. <i>Endocrinology and Metabolism</i> , 2019 , 34, 275-281	3.5	6
63	Association between nonalbumin proteinuria and renal tubular damage of N-acetyl-β-D-glucosaminidase and its clinical relevance in patients with type 2 diabetes without albuminuria. <i>Journal of Diabetes and Its Complications</i> , 2019 , 33, 255-260	3.2	6
62	Differential association of ezetimibe-simvastatin combination with major adverse cardiovascular events in patients with or without diabetes: a retrospective propensity score-matched cohort study. <i>Scientific Reports</i> , 2018 , 8, 11925	4.9	5
61	Predictive factors for the development of diabetes in cancer patients treated with phosphatidylinositol 3-kinase inhibitors. <i>Cancer Chemotherapy and Pharmacology</i> , 2019 , 84, 405-414	3.5	5
60	Differential association of body mass index on glycemic control in type 1 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2017 , 33, e2815	7.5	5
59	Association between EPCs count and rate of coronary revascularization in asymptomatic type 2 diabetic patients. <i>Acta Diabetologica</i> , 2012 , 49, 413-20	3.9	5

58	Monotherapy in patients with type 2 diabetes mellitus. <i>Korean Journal of Internal Medicine</i> , 2017 , 32, 959-966	2.5	5
57	A Lower Baseline Urinary Glucose Excretion Predicts a Better Response to the Sodium Glucose Cotransporter 2 Inhibitor. <i>Diabetes and Metabolism Journal</i> , 2019 , 43, 898-905	5	5
56	Spontaneous ketonuria and risk of incident diabetes: a 12-year prospective study. <i>Diabetologia</i> , 2019 , 62, 779-788	10.3	5
55	Gamma glutamyltransferase and risk of dementia in prediabetes and diabetes. <i>Scientific Reports</i> , 2020 , 10, 6800	4.9	5
54	The Antidiabetic Drug Lobeglitazone Protects Mice From Lipogenesis-Induced Liver Injury via Mechanistic Target of Rapamycin Complex 1 Inhibition. <i>Frontiers in Endocrinology</i> , 2018 , 9, 539	5.7	5
53	Effectiveness and safety of exenatide in Korean patients with type 2 diabetes inadequately controlled with oral hypoglycemic agents: an observational study in a real clinical practice. <i>BMC Endocrine Disorders</i> , 2017 , 17, 68	3.3	4
52	Insulin therapy for adult patients with type 2 diabetes mellitus: a position statement of the Korean Diabetes Association, 2017. <i>Korean Journal of Internal Medicine</i> , 2017 , 32, 967-973	2.5	4
51	Morning Spot Urine Glucose-to-Creatinine Ratios Predict Overnight Urinary Glucose Excretion in Patients With Type 2 Diabetes. <i>Annals of Laboratory Medicine</i> , 2017 , 37, 9-17	3.1	4
50	Elevated N-acetyl-β-D-glucosaminidase, a urinary tubular damage marker, is a significant predictor of carotid artery atherosclerosis in type 1 diabetes, independent of albuminuria: A cross-sectional study. <i>Journal of Diabetes and Its Complications</i> , 2018 , 32, 777-783	3.2	4
49	Pre-sarcopenia is associated with renal hyperfiltration independent of obesity or insulin resistance: Nationwide Surveys (KNHANES 2008-2011). <i>Medicine (United States)</i> , 2017 , 96, e7165	1.8	4
48	Comparison between Atorvastatin and Rosuvastatin in Renal Function Decline among Patients with Diabetes. <i>Endocrinology and Metabolism</i> , 2017 , 32, 274-280	3.5	4
47	The Population-Based Risk of Need for Coronary Revascularization According to the Presence of Type 2 Diabetes Mellitus and History of Coronary Heart Disease in the Korean Population. <i>PLoS ONE</i> , 2015 , 10, e0128627	3.7	4
46	The optimal morning:evening ratio in total dose of twice-daily biphasic insulin analogue in poorly controlled Type 2 diabetes: a 24-week multi-centre prospective, randomized controlled, open-labelled clinical study. <i>Diabetic Medicine</i> , 2014 , 31, 68-75	3.5	4
45	Anti-obesity effects of KR-66195, a synthetic DPP-IV inhibitor, in diet-induced obese mice and obese-diabetic ob/ob mice. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 793-9	12.7	4
44	Heterogeneity of early-onset and ketosis-resistant diabetes in Korean subjects--is it possible to determine cut-off age of early-onset type 2 diabetes?. <i>Diabetes Research and Clinical Practice</i> , 2005 , 70, 38-45	7.4	4
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