Kyong-Soo Park

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8903075/publications.pdf

Version: 2024-02-01

465 papers	31,886 citations	7069 78 h-index	7333 152 g-index
481 all docs	481 docs citations	481 times ranked	50303 citing authors

#	Article	IF	Citations
1	The mutational constraint spectrum quantified from variation in 141,456 humans. Nature, 2020, 581, 434-443.	13.7	6,140
2	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244.	9.4	959
3	The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47.	13.7	952
4	Variants in KCNQ1 are associated with susceptibility to type 2 diabetes mellitus. Nature Genetics, 2008, 40, 1092-1097.	9.4	694
5	Meta-analysis of genome-wide association studies identifies eight new loci for type 2 diabetes in east Asians. Nature Genetics, 2012, 44, 67-72.	9.4	545
6	Increasing Prevalence of Metabolic Syndrome in Korea. Diabetes Care, 2011, 34, 1323-1328.	4.3	527
7	Sarcopenic Obesity: Prevalence and Association With Metabolic Syndrome in the Korean Longitudinal Study on Health and Aging (KLoSHA). Diabetes Care, 2010, 33, 1652-1654.	4.3	471
8	Dynamic changes in mitochondrial biogenesis and antioxidant enzymes during the spontaneous differentiation of human embryonic stem cells. Biochemical and Biophysical Research Communications, 2006, 348, 1472-1478.	1.0	425
9	Plasma Retinol-Binding Protein-4 Concentrations Are Elevated in Human Subjects With Impaired Glucose Tolerance and Type 2 Diabetes. Diabetes Care, 2006, 29, 2457-2461.	4.3	370
10	Differences in the glucose-lowering efficacy of dipeptidyl peptidase-4 inhibitors between Asians and non-Asians: a systematic review and meta-analysis. Diabetologia, 2013, 56, 696-708.	2.9	334
11	Implication of Genetic Variants Near TCF7L2, SLC30A8, HHEX, CDKAL1, CDKN2A/B, IGF2BP2, and FTO in Type 2 Diabetes and Obesity in 6,719 Asians. Diabetes, 2008, 57, 2226-2233.	0.3	331
12	The N-End Rule Pathway. Annual Review of Biochemistry, 2012, 81, 261-289.	5.0	326
13	Identification of type 2 diabetes loci in 433,540 East Asian individuals. Nature, 2020, 582, 240-245.	13.7	282
14	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. Nature Genetics, 2022, 54, 560-572.	9.4	250
15	Exome sequencing of 20,791Âcases of type 2 diabetes and 24,440Âcontrols. Nature, 2019, 570, 71-76.	13.7	248
16	A genome-wide association study in the Japanese population identifies susceptibility loci for type 2 diabetes at UBE2E2 and C2CD4A-C2CD4B. Nature Genetics, 2010, 42, 864-868.	9.4	245
17	Resistin is secreted from macrophages in atheromas and promotes atherosclerosis. Cardiovascular Research, 2006, 69, 76-85.	1.8	221
18	A Genome-Wide Association Study of Gestational Diabetes Mellitus in Korean Women. Diabetes, 2012, 61, 531-541.	0.3	215

#	Article	IF	Citations
19	Type 2 diabetes-associated genetic variants discovered in the recent genome-wide association studies are related to gestational diabetes mellitus in the Korean population. Diabetologia, 2009, 52, 253-261.	2.9	210
20	The beneficial effects of empagliflozin, an SGLT2 inhibitor, on atherosclerosis in ApoE â^'/â^' mice fed a western diet. Diabetologia, 2017, 60, 364-376.	2.9	204
21	Activation of Peroxisome Proliferator-activated Receptor-Î³ Inhibits the Runx2-mediated Transcription of Osteocalcin in Osteoblasts. Journal of Biological Chemistry, 2003, 278, 23270-23277.	1.6	198
22	The Mitogenic and Antiapoptotic Actions of Ghrelin in 3T3-L1 Adipocytes. Molecular Endocrinology, 2004, 18, 2291-2301.	3.7	197
23	Plasma Resistin Concentrations Measured by Enzyme-Linked Immunosorbent Assay Using a Newly Developed Monoclonal Antibody Are Elevated in Individuals with Type 2 Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 150-156.	1.8	196
24	Mitochondrial Haplogroup N9a Confers Resistance against Type 2 Diabetes in Asians. American Journal of Human Genetics, 2007, 80, 407-415.	2.6	194
25	Chronic Exposure to the Herbicide, Atrazine, Causes Mitochondrial Dysfunction and Insulin Resistance. PLoS ONE, 2009, 4, e5186.	1.1	193
26	Decreased mitochondrial DNA content in peripheral blood precedes the development of non-insulin-dependent diabetes mellitus. Diabetes Research and Clinical Practice, 1998, 42, 161-167.	1.1	189
27	Relationship between serum adiponectin and leptin concentrations and body fat distribution. Diabetes Research and Clinical Practice, 2004, 63, 135-142.	1.1	184
28	Multifactor-dimensionality reduction shows a two-locus interaction associated with Type 2 diabetes mellitus. Diabetologia, 2004, 47, 549-554.	2.9	183
29	Magnetosome-like ferrimagnetic iron oxide nanocubes for highly sensitive MRI of single cells and transplanted pancreatic islets. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2662-2667.	3.3	183
30	Ghrelin stimulates proliferation and differentiation and inhibits apoptosis in osteoblastic MC3T3-E1 cells. Bone, 2005, 37, 359-369.	1.4	181
31	Improved Glycemic Control Without Hypoglycemia in Elderly Diabetic Patients Using the Ubiquitous Healthcare Service, a New Medical Information System. Diabetes Care, 2011, 34, 308-313.	4.3	181
32	2019 Clinical Practice Guidelines for Type 2 Diabetes Mellitus in Korea. Diabetes and Metabolism Journal, 2019, 43, 398.	1.8	176
33	Obesity-induced DNA hypermethylation of the adiponectin gene mediates insulin resistance. Nature Communications, 2015, 6, 7585.	5.8	168
34	Bisphenol A Impairs Mitochondrial Function in the Liver at Doses below the No Observed Adverse Effect Level. Journal of Korean Medical Science, 2012, 27, 644.	1.1	163
35	A Systems Approach for Decoding Mitochondrial Retrograde Signaling Pathways. Science Signaling, 2013, 6, rs4.	1.6	162
36	Dysregulation of Adipose Glutathione Peroxidase 3 in Obesity Contributes to Local and Systemic Oxidative Stress. Molecular Endocrinology, 2008, 22, 2176-2189.	3.7	156

#	Article	IF	Citations
37	Glutathione Peroxidase 3 Mediates the Antioxidant Effect of Peroxisome Proliferator-Activated Receptor Î³ in Human Skeletal Muscle Cells. Molecular and Cellular Biology, 2009, 29, 20-30.	1.1	152
38	Android Fat Depot Is More Closely Associated with Metabolic Syndrome than Abdominal Visceral Fat in Elderly People. PLoS ONE, 2011, 6, e27694.	1.1	151
39	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. Nature Communications, 2016, 7, 10531.	5.8	149
40	Mesenchymal Stem Cells Transfer Mitochondria to the Cells with Virtually No Mitochondrial Function but Not with Pathogenic mtDNA Mutations. PLoS ONE, 2012, 7, e32778.	1.1	146
41	10-year trajectory of Î²-cell function and insulin sensitivity in the development of type 2 diabetes: a community-based prospective cohort study. Lancet Diabetes and Endocrinology,the, 2016, 4, 27-34.	5.5	145
42	Sarcopenia: An Independent Predictor of Mortality in Community-Dwelling Older Korean Men. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 1244-1252.	1.7	144
43	Transcript expression-aware annotation improves rare variant interpretation. Nature, 2020, 581, 452-458.	13.7	142
44	Differences in the <scp>HbA1c</scp>â€lowering efficacy of glucagonâ€like peptideâ€1 analogues between Asians and nonâ€Asians: a systematic review and metaâ€analysis. Diabetes, Obesity and Metabolism, 2014, 16, 900-909.	2.2	141
45	MG53-induced IRS-1 ubiquitination negatively regulates skeletal myogenesis and insulin signalling. Nature Communications, 2013, 4, 2354.	5.8	140
46	Recent progress in genetic and epigenetic research on type 2 diabetes. Experimental and Molecular Medicine, 2016, 48, e220-e220.	3.2	140
47	Common genetic polymorphisms in the promoter of resistin gene are major determinants of plasma resistin concentrations in humans. Diabetologia, 2004, 47, 559-565.	2.9	138
48	Genetic alterations of JAK/STAT cascade and histone modification in extranodal NK/T-cell lymphoma nasal type. Oncotarget, 2015, 6, 17764-17776.	0.8	136
49	Changes in ghrelin and ghrelin receptor expression according to feeding status. NeuroReport, 2003, 14, 1317-1320.	0.6	129
50	Lysophosphatidylcholine Activates Adipocyte Glucose Uptake and Lowers Blood Glucose Levels in Murine Models of Diabetes. Journal of Biological Chemistry, 2009, 284, 33833-33840.	1.6	127
51	Peripheral Blood Mitochondrial DNA Content Is Related to Insulin Sensitivity in Offspring of Type 2 Diabetic Patients. Diabetes Care, 2001, 24, 865-869.	4.3	124
52	Glycogen synthase activity is reduced in cultured skeletal muscle cells of non-insulin-dependent diabetes mellitus subjects. Biochemical and molecular mechanisms.. Journal of Clinical Investigation, 1996, 98, 1231-1236.	3.9	124
53	Association of vitamin D deficiency with incidence of type 2 diabetes in high-risk Asian subjects. American Journal of Clinical Nutrition, 2013, 97, 524-530.	2.2	114
54	Serum 8-Hydroxy-Guanine Levels Are Increased in Diabetic Patients. Diabetes Care, 2001, 24, 733-737.	4.3	110

#	Article	IF	Citations
55	Insulin-Sensitizing Effects of Exercise on Adiponectin and Retinol-Binding Protein-4 Concentrations in Young and Middle-Aged Women. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 2263-2268.	1.8	110
56	Tauroursodeoxycholate (TUDCA), chemical chaperone, enhances function of islets by reducing ER stress. Biochemical and Biophysical Research Communications, 2010, 397, 735-739.	1.0	107
57	2015 Korean Guidelines for the Management of Dyslipidemia: Executive Summary (English Translation). Korean Circulation Journal, 2016, 46, 275.	0.7	106
58	Diabetes Fact Sheets in Korea, 2018: An Appraisal of Current Status. Diabetes and Metabolism Journal, 2019, 43, 487.	1.8	105
59	Changes in ghrelin and ghrelin receptor expression according to feeding status. NeuroReport, 2003, 14, 1317-1320.	0.6	102
60	A mitochondrial DNA variant at position 16189 is associated with type 2 diabetes mellitus in Asians. Diabetologia, 2008, 51, 602-608.	2.9	100
61	Fetal and Early Postnatal Protein Malnutrition Cause Long-Term Changes in Rat Liver and Muscle Mitochondria. Journal of Nutrition, 2003, 133, 3085-3090.	1.3	99
62	Hyperglycemia Is Associated with Impaired Muscle Quality in Older Men with Diabetes: The Korean Longitudinal Study on Health and Aging. Diabetes and Metabolism Journal, 2016, 40, 140.	1.8	99
63	Metformin-induced inhibition of the mitochondrial respiratory chain increases FGF21 expression via ATF4 activation. Biochemical and Biophysical Research Communications, 2013, 440, 76-81.	1.0	97
64	Multifactorial intervention in diabetes care using real-time monitoring and tailored feedback in type 2 diabetes. Acta Diabetologica, 2016, 53, 189-198.	1.2	96
65	Intra-abdominal fat is associated with decreased insulin sensitivity in healthy young men. Metabolism: Clinical and Experimental, 1991, 40, 600-603.	1.5	95
66	Effects of Insulin and Antioxidant on Plasma 8-Hydroxyguanine and Tissue 8-Hydroxydeoxyguanosine in Streptozotocin-Induced Diabetic Rats. Diabetes, 2001, 50, 2837-2841.	0.3	94
67	C1q Tumor Necrosis Factor Î±-related Protein Isoform 5 Is Increased in Mitochondrial DNA-depleted Myocytes and Activates AMP-activated Protein Kinase. Journal of Biological Chemistry, 2009, 284, 27780-27789.	1.6	93
68	Long-term oral exposure to bisphenol A induces glucose intolerance and insulin resistance. Journal of Endocrinology, 2015, 226, 35-42.	1.2	93
69	Clinical and Genetic Risk Factors for Type 2 Diabetes at Early or Late Post Partum After Gestational Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E744-E752.	1.8	92
70	Profiling of vitreous proteomes from proliferative diabetic retinopathy and nondiabetic patients. Proteomics, 2007, 7, 4203-4215.	1.3	91
71	Troglitazone Effects on Gene Expression in Human Skeletal Muscle of Type II Diabetes Involve Up-Regulation of Peroxisome Proliferator-Activated Receptor-Î³1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 2830-2835.	1.8	89
72	Genetic Polymorphisms in Peroxisome Proliferator-Activated Receptor Â Associated With Obesity. Diabetes, 2004, 53, 847-851.	0.3	89

#	Article	IF	Citations
73	PPAR-Î³ Activation Increases Insulin Secretion through the Up-regulation of the Free Fatty Acid Receptor GPR40 in Pancreatic Î²-Cells. PLoS ONE, 2013, 8, e50128.	1.1	88
74	Changes in the Characteristics of Metabolic Syndrome in Korea Over the Period 1998-2001 as Determined by Korean National Health and Nutrition Examination Surveys. Diabetes Care, 2005, 28, 1810-1812.	4.3	84
75	A C/T Polymorphism in the 5â€²-Untranslated Region of the CD40 Gene is Associated with Graves' Disease in Koreans. Thyroid, 2003, 13, 919-925.	2.4	83
76	Accumulation of autophagosomes contributes to enhanced amyloidogenic APP processing under insulin-resistant conditions. Autophagy, 2012, 8, 1842-1844.	4.3	82
77	Association of adiponectin and resistin with cardiovascular events in Korean patients with type 2 diabetes: The Korean atherosclerosis study (KAS). Atherosclerosis, 2008, 196, 398-404.	0.4	81
78	Lower bone mineral density is associated with higher coronary calcification and coronary plaque burdens by multidetector row coronary computed tomography in preâ€•and postmenopausal women. Clinical Endocrinology, 2009, 71, 644-651.	1.2	81
79	A Single Nucleotide Polymorphism within the Acetyl-Coenzyme A Carboxylase Beta Gene Is Associated with Proteinuria in Patients with Type 2 Diabetes. PLoS Genetics, 2010, 6, e1000842.	1.5	81
80	Vitamin K2 Supplementation Improves Insulin Sensitivity via Osteocalcin Metabolism: A Placebo-Controlled Trial. Diabetes Care, 2011, 34, e147-e147.	4.3	81
81	Lipid Profiles and Bone Mineral Density in Pre- and Postmenopausal Women in Korea. Calcified Tissue International, 2010, 87, 507-512.	1.5	80
82	Silent corticotroph adenomas have unique recurrence characteristics compared with other nonfunctioning pituitary adenomas. Clinical Endocrinology, 2010, 72, 648-653.	1.2	80
83	In Vivo Differentiation of Therapeutic Insulin-Producing Cells from Bone Marrow Cells via Extracellular Vesicle-Mimetic Nanovesicles. ACS Nano, 2015, 9, 11718-11727.	7.3	78
84	Comparison between two methods of bioelectrical impedance analyses for accuracy in measuring abdominal visceral fat area. Journal of Diabetes and Its Complications, 2016, 30, 343-349.	1.2	78
85	Persistent organic pollutants, mitochondrial dysfunction, and metabolic syndrome. Annals of the New York Academy of Sciences, 2010, 1201, 166-176.	1.8	77
86	Troglitazone Effects on Gene Expression in Human Skeletal Muscle of Type II Diabetes Involve Up-Regulation of Peroxisome Proliferator-Activated Receptor-Â. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 2830-2835.	1.8	77
87	Differences in pancreatic volume, fat content, and fat density measured by multidetector-row computed tomography according to the duration of diabetes. Acta Diabetologica, 2014, 51, 739-748.	1.2	76
88	Vitamin D Inadequacy Is Associated with Significant Coronary Artery Stenosis in a Community-Based Elderly Cohort: The Korean Longitudinal Study on Health and Aging. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 169-178.	1.8	75
89	Genetic association study of adiponectin polymorphisms with risk of Type 2 diabetes mellitus in Korean population. Diabetic Medicine, 2005, 22, 569-575.	1.2	74
90	The effects of rosiglitazone and metformin on the plasma concentrations of resistin in patients with type 2 diabetes mellitus. Metabolism: Clinical and Experimental, 2005, 54, 314-320.	1.5	72

#	Article	IF	Citations
91	Fulminant type 1 diabetes in Korea: high prevalence among patients with adult-onset type 1 diabetes. Diabetologia, 2007, 50, 2276-2279.	2.9	72
92	Hemoglobin A1c as a Diagnostic Tool for Diabetes Screening and New-Onset Diabetes Prediction. Diabetes Care, 2011, 34, 944-949.	4.3	72
93	Comparison between sitagliptin as addâ€on therapy to insulin and insulin doseâ€increase therapy in uncontrolled Korean type 2 diabetes: CSI study. Diabetes, Obesity and Metabolism, 2012, 14, 795-802.	2.2	72
94	Polymorphisms ofKCNJ11(Kir6.2 gene) are associated with TypeÂ2 diabetes and hypertension in the Korean population. Diabetic Medicine, 2007, 24, 178-186.	1.2	70
95	Control of Adipogenesis by the SUMO-Specific Protease SENP2. Molecular and Cellular Biology, 2010, 30, 2135-2146.	1.1	69
96	Regulation of Glucose Transport by ROCK1 Differs from That of ROCK2 and Is Controlled by Actin Polymerization. Endocrinology, 2012, 153, 1649-1662.	1.4	69
97	Altered APP Processing in Insulin-Resistant Conditions Is Mediated by Autophagosome Accumulation via the Inhibition of Mammalian Target of Rapamycin Pathway. Diabetes, 2012, 61, 3126-3138.	0.3	69
98	Polymorphisms in the leptin receptor (LEPR)â€”putative association with obesity and T2DM. Journal of Human Genetics, 2006, 51, 85-91.	1.1	67
99	Enhanced mitochondrial biogenesis contributes to Wnt induced osteoblastic differentiation of C3H10T1/2 cells. Bone, 2010, 47, 140-150.	1.4	67
100	Endothelial Progenitor Cell Cotransplantation Enhances Islet Engraftment by Rapid Revascularization. Diabetes, 2012, 61, 866-876.	0.3	65
101	Mitochondrial metabolism and diabetes. Journal of Diabetes Investigation, 2010, 1, 161-169.	1.1	63
102	Serum <scp>FGF</scp>21 concentration is associated with hypertriglyceridaemia, hyperinsulinaemia and pericardial fat accumulation, independently of obesity, but not with current coronary artery status. Clinical Endocrinology, 2014, 80, 57-64.	1.2	63
103	Effect of ginsam, a vinegar extract from Panax ginseng, on body weight and glucose homeostasis in an obese insulin-resistant rat model. Metabolism: Clinical and Experimental, 2009, 58, 8-15.	1.5	62
104	PPARÎ³ Gene Transfer Sustains Apoptosis, Inhibits Vascular Smooth Muscle Cell Proliferation, and Reduces Neointima Formation After Balloon Injury in Rats. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 808-813.	1.1	61
105	Betacellulin and nicotinamide sustain PDX1 expression and induce pancreatic Î²-cell differentiation in human embryonic stem cells. Biochemical and Biophysical Research Communications, 2008, 366, 129-134.	1.0	61
106	PPARÎ³ neddylation essential for adipogenesis is a potential target for treating obesity. Cell Death and Differentiation, 2016, 23, 1296-1311.	5.0	61
107	Body-Weight Fluctuation and Incident Diabetes Mellitus, Cardiovascular Disease, and Mortality: A 16-Year Prospective Cohort Study. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 639-646.	1.8	61
108	High Plasma Retinol Binding Protein-4 and Low Plasma Adiponectin Concentrations Are Associated with Severity of Glucose Intolerance in Women with Previous Gestational Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3142-3148.	1.8	60

#	Article	IF	Citations
109	The ginsenoside Rg3 has a stimulatory effect on insulin signaling in L6 myotubes. Biochemical and Biophysical Research Communications, 2009, 389, 70-73.	1.0	60
110	Troglitazone Regulation of Glucose Metabolism in Human Skeletal Muscle Cultures from Obese Type II Diabetic Subjects1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 1636-1643.	1.8	59
111	Impaired fatty acid metabolism in type 2 diabetic skeletal muscle cells is reversed by PPARÎ³ agonists. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E151-E159.	1.8	59
112	Influence of strain and age differences on the yields of porcine islet isolation: extremely high islet yields from SPF CMS miniature pigs. Xenotransplantation, 2007, 14, 60-66.	1.6	59
113	Serum fibroblast growth factorâ€“21 concentration is associated with residual renal function and insulin resistance in end-stage renal disease patients receiving long-term peritoneal dialysis. Metabolism: Clinical and Experimental, 2010, 59, 1656-1662.	1.5	59
114	A Protein Profile of Visceral Adipose Tissues Linked to Early Pathogenesis of Type 2 Diabetes Mellitus. Molecular and Cellular Proteomics, 2014, 13, 811-822.	2.5	59
115	Comparison of Abdominal Visceral Adipose Tissue Area Measured by Computed Tomography with That Estimated by Bioelectrical Impedance Analysis Method in Korean Subjects. Nutrients, 2015, 7, 10513-10524.	1.7	59
116	Rho-kinase/AMPK axis regulates hepatic lipogenesis during overnutrition. Journal of Clinical Investigation, 2018, 128, 5335-5350.	3.9	57
117	Impaired Muscle Glycogen Synthase in Type 2 Diabetes Is Associated with Diminished Phosphatidylinositol 3-Kinase Activation. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 4307-4314.	1.8	56
118	Genome-wide association study identifies GYS2 as a novel genetic factor for polycystic ovary syndrome through obesity-related condition. Journal of Human Genetics, 2012, 57, 660-664.	1.1	55
119	Hemoglobin Glycation Index Is Associated With Cardiovascular Diseases in People With Impaired Glucose Metabolism. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2905-2913.	1.8	55
120	Past and current obesity in Koreans with non-insulin-dependent diabetes mellitus. Diabetes Research and Clinical Practice, 1997, 35, 49-56.	1.1	54
121	Effect of Seasonal Changes on the Transition Between Subclinical Hypothyroid and Euthyroid Status. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 3420-3429.	1.8	54
122	Effect of a new PPAR-gamma agonist, lobeglitazone, on neointimal formation after balloon injury in rats and the development of atherosclerosis. Atherosclerosis, 2015, 243, 107-119.	0.4	54
123	Sarcopenia as a predictor of future cognitive impairment in older adults. Journal of Nutrition, Health and Aging, 2016, 20, 496-502.	1.5	53
124	Genetics of Type 2 Diabetes in East Asian Populations. Current Diabetes Reports, 2012, 12, 686-696.	1.7	50
125	SUMO-Specific Protease 2 (SENP2) Is an Important Regulator of Fatty Acid Metabolism in Skeletal Muscle. Diabetes, 2015, 64, 2420-2431.	0.3	50
126	Differential Expression of Vitreous Proteins in Proliferative Diabetic Retinopathy. Current Eye Research, 2006, 31, 231-240.	0.7	49

#	Article	IF	Citations
127	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. Nature Communications, 2021, 12, 3505.	5.8	49
128	Gene Expression Pattern in Transmitochondrial Cytoplasmic Hybrid Cells Harboring Type 2 Diabetes-Associated Mitochondrial DNA Haplogroups. PLoS ONE, 2011, 6, e22116.	1.1	49
129	Reproducibility of the cortisol response to stimulation with the low dose (1â€ƒÎ¼g) of ACTH. Clinical Endocrinology, 1999, 51, 153-158.	1.2	48
130	Mitochondrial dysfunction and metabolic syndromeâ€"looking for environmental factors. Biochimica Et Biophysica Acta - General Subjects, 2010, 1800, 282-289.	1.1	48
131	Pericardial Fat Amount Is an Independent Risk Factor of Coronary Artery Stenosis Assessed by Multidetectorâ€Row Computed Tomography: The Korean Atherosclerosis Study 2. Obesity, 2011, 19, 1028-1034.	1.5	48
132	Association of Variations in TPH1 and HTR2B with Gestational Weight Gain and Measures of Obesity. Obesity, 2012, 20, 233-238.	1.5	48
133	Effect of a Dipeptidyl Peptidase-IV Inhibitor, Des-Fluoro-Sitagliptin, on Neointimal Formation after Balloon Injury in Rats. PLoS ONE, 2012, 7, e35007.	1.1	48
134	Assessment of appendicular skeletal muscle mass by bioimpedance in older community-dwelling Korean adults. Archives of Gerontology and Geriatrics, 2014, 58, 303-307.	1.4	48
135	High serum adiponectin concentration and low body mass index are significantly associated with increased all-cause and cardiovascular mortality in an elderly cohort, â€œadiponectin paradoxâ€• The Korean Longitudinal Study on Health and Aging (KLoSHA). International Journal of Cardiology, 2015, 183, 91-97.	0.8	48
136	Serum aryl hydrocarbon receptor ligand activity is associated with insulin resistance and resulting type 2 diabetes. Acta Diabetologica, 2015, 52, 489-495.	1.2	48
137	The Effect of a Smartphone-Based, Patient-Centered Diabetes Care System in Patients With Type 2 Diabetes: A Randomized, Controlled Trial for 24 Weeks. Diabetes Care, 2019, 42, 3-9.	4.3	48
138	The prevalence of the mitochondrial DNA 16189 variant in non-diabetic Korean adults and its association with higher fasting glucose and body mass index. Diabetic Medicine, 2002, 19, 681-684.	1.2	47
139	Skeletal Muscle GLUT1 Transporter Protein Expression and Basal Leg Glucose Uptake Are Reduced in Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 352-358.	1.8	47
140	Verification of Biomarkers for Diabetic Retinopathy by Multiple Reaction Monitoring. Journal of Proteome Research, 2010, 9, 689-699.	1.8	47
141	Changes in Hepatic Gene Expression upon Oral Administration of Taurine-Conjugated Ursodeoxycholic Acid in ob/ob Mice. PLoS ONE, 2010, 5, e13858.	1.1	47
142	Multi-ancestry genome-wide association study of gestational diabetes mellitus highlights genetic links with type 2 diabetes. Human Molecular Genetics, 2022, 31, 3377-3391.	1.4	47
143	High Incidence of Tacrolimus-Associated Posttransplantation Diabetes in the Korean Renal Allograft Recipients According to American Diabetes Association Criteria. Diabetes Care, 2003, 26, 1123-1128.	4.3	46
144	Changes of Mitochondrial DNA Content in the Male Offspring of Protein-Malnourished Rats. Annals of the New York Academy of Sciences, 2004, 1011, 205-216.	1.8	46

#	Article	IF	Citations
145	Early Changes in Biochemical Markers of Bone Turnover Predict Bone Mineral Density Response to Antiresorptive Therapy in Korean Postmenopausal Women with Osteoporosis. Endocrine Journal, 2005, 52, 667-674.	0.7	46
146	Mitochondria-Based Model for Fetal Origin of Adult Disease and Insulin Resistance. Annals of the New York Academy of Sciences, 2005, 1042, 1-18.	1.8	46
147	Osteoblast-targeted overexpression of PPARÎ³ inhibited bone mass gain in male mice and accelerated ovariectomy-induced bone loss in female mice. Journal of Bone and Mineral Research, 2011, 26, 1939-1952.	3.1	46
148	Carnitine induces autophagy and restores high-fat diet-induced mitochondrial dysfunction. Metabolism: Clinical and Experimental, 2018, 78, 43-51.	1.5	46
149	Rapidly increasing diabetes-related mortality with socio-environmental changes in South Korea during the last two decades. Diabetes Research and Clinical Practice, 2006, 74, 295-300.	1.1	45
150	Polymorphisms in the Ghrelin Gene Are Associated with Serum High-Density Lipoprotein Cholesterol Level and not with Type 2 Diabetes Mellitus in Koreans. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 4657-4663.	1.8	45
151	Analysis of Hemodialysis-Associated Hypoglycemia in Patients with Type 2 Diabetes Using a Continuous Glucose Monitoring System. Diabetes Technology and Therapeutics, 2010, 12, 801-807.	2.4	45
152	Association Between Body Composition and Pulmonary Function in Elderly People: The Korean Longitudinal Study on Health and Aging. Obesity, 2011, 19, 631-638.	1.5	45
153	Differential Proteome Profiling Using iTRAQ in Microalbuminuric and Normoalbuminuric Type 2 Diabetic Patients. Experimental Diabetes Research, 2012, 2012, 1-31.	3.8	45
154	Troglitazone Regulation of Glucose Metabolism in Human Skeletal Muscle Cultures from Obese Type II Diabetic Subjects. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 1636-1643.	1.8	45
155	Genetic polymorphisms in peroxisome proliferator-activated receptor gamma are associated with Type 2 diabetes mellitus and obesity in the Korean population. Diabetic Medicine, 2005, 22, 1161-1166.	1.2	44
156	Synthesis and PPAR-.GAMMA. Ligand-Binding Activity of the New Series of 2'-Hydroxychalcone and Thiazolidinedione Derivatives. Chemical and Pharmaceutical Bulletin, 2006, 54, 368-371.	0.6	44
157	Gender Differences in Diagnostic Values of Visceral Fat Area and Waist Circumference for Predicting Metabolic Syndrome in Koreans. Journal of Korean Medical Science, 2011, 26, 906.	1.1	44
158	Regulation of Wnt/Î²â€Catenin Signaling by CCAAT/Enhancer Binding Protein Î² During Adipogenesis. Obesity, 2012, 20, 482-487.	1.5	44
159	Prediction of type 2 diabetes in women with a history of gestational diabetes using a genetic risk score. Diabetologia, 2013, 56, 2556-2563.	2.9	44
160	Chronic Exposure to Bisphenol A can Accelerate Atherosclerosis in High-Fat-Fed Apolipoprotein E Knockout Mice. Cardiovascular Toxicology, 2014, 14, 120-128.	1.1	44
161	Lysophosphatidic acid regulates blood glucose by stimulating myotube and adipocyte glucose uptake. Journal of Molecular Medicine, 2008, 86, 211-220.	1.7	43
162	Fat in Liver/Muscle Correlates More Strongly With Insulin Sensitivity in Rats Than Abdominal Fat. Obesity, 2009, 17, 188-195.	1.5	43

#	Article	IF	Citations
163	Combined Impact of Adiponectin and Retinolâ€binding Protein 4 on Metabolic Syndrome in Elderly People: The Korean Longitudinal Study on Health and Aging. Obesity, 2010, 18, 826-832.	1.5	43
164	The Clinical Characteristics of Normoalbuminuric Renal Insufficiency in Korean Type 2 Diabetic Patients: A Possible Early Stage Renal Complication. Journal of Korean Medical Science, 2009, 24, S75.	1.1	42
165	Efficacy and safety of teneligliptin, a dipeptidyl peptidaseâ€4 inhibitor, combined with metformin in <scp>K</scp>orean patients with type 2 diabetes mellitus: a 16â€week, randomized, doubleâ€blind, placeboâ€controlled phase <scp>III</scp> trial. Diabetes, Obesity and Metabolism, 2015, 17, 309-312.	2.2	42
166	Genetic factors related to mitochondrial function and risk of diabetes mellitus. Diabetes Research and Clinical Practice, 2007, 77, S172-S177.	1.1	41
167	EGb761, a Ginkgo Biloba Extract, Is Effective Against Atherosclerosis In Vitro, and in a Rat Model of Type 2 Diabetes. PLoS ONE, 2011, 6, e20301.	1.1	41
168	Effects of Aerobic Exercise Training on C1q Tumor Necrosis Factor Î±-Related Protein Isoform 5 (Myonectin): Association with Insulin Resistance and Mitochondrial DNA Density in Women. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E88-E93.	1.8	41
169	Novel cellâ€based assay reveals associations of circulating serum AhRâ€ligands with metabolic syndrome and mitochondrial dysfunction. BioFactors, 2013, 39, 494-504.	2.6	41
170	Neck Circumference and Incidence of Diabetes Mellitus over 10 Years in the Korean Genome and Epidemiology Study (KoGES). Scientific Reports, 2015, 5, 18565.	1.6	41
171	SIRT3 Overexpression Attenuates Palmitate-Induced Pancreatic Î²-Cell Dysfunction. PLoS ONE, 2015, 10, e0124744.	1.1	41
172	Prevalence of Gs alpha mutations in Korean patients with pituitary adenomas. Journal of Endocrinology, 2001, 168, 221-226.	1.2	40
173	Peroxisome proliferator-activated receptor gamma coactivator 1 alpha promoter polymorphisms are associated with early-onset type 2 diabetes mellitus in the Korean population. Diabetologia, 2005, 48, 1323-1330.	2.9	40
174	Visceral Fatness and Insulin Sensitivity in Women With a Previous History of Gestational Diabetes Mellitus. Diabetes Care, 2007, 30, 348-353.	4.3	40
175	Subsequent Pregnancy After Gestational Diabetes Mellitus: Frequency and risk factors for recurrence in Korean women. Diabetes Care, 2008, 31, 1867-1871.	4.3	40
176	Factors predicting therapeutic efficacy of combination treatment with sitagliptin and metformin in type 2 diabetic patients: the COSMETIC study. Clinical Endocrinology, 2012, 77, 215-223.	1.2	40
177	Optimal HbA1c cutoff for detecting diabetic retinopathy. Acta Diabetologica, 2013, 50, 837-842.	1.2	40
178	Association of HLA-DR and -DQ Genes with Graves Disease in Koreans. Human Immunology, 2005, 66, 740-746.	1.2	39
179	Epidermal growth factor increases insulin secretion and lowers blood glucose in diabetic mice. Journal of Cellular and Molecular Medicine, 2008, 12, 1593-1604.	1.6	39
180	Retinol Binding Protein-4 Elevation Is Associated with Serum Thyroid-Stimulating Hormone Level Independently of Obesity in Elderly Subjects with Normal Glucose Tolerance. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 2313-2318.	1.8	39

#	Article	IF	Citations
181	Cardiometabolic implication of sarcopenia: The Korea National Health and Nutrition Examination Study (KNHANES) 2008â€“2010. IJC Metabolic & Endocrine, 2014, 4, 63-69.	0.5	39
182	Identification of Novel Autoantibodies in Type 1 Diabetic Patients Using a High-Density Protein Microarray. Diabetes, 2014, 63, 3022-3032.	0.3	39
183	Different cutâ€off values of the insulin tolerance test, the highâ€dose short <scp>S</scp>ynacthen test (250ÂÎ¼g) and the lowâ€dose short <scp>S</scp>ynacthen test (1ÂÎ¼g) in assessing central adrenal insufficiency. Clinical Endocrinology, 2014, 81, 77-84.	1.2	39
184	High Blood Pressure and Its Association With Incident Diabetes Over 10 Years in the Korean Genome and Epidemiology Study (KoGES). Diabetes Care, 2015, 38, 1333-1338.	4.3	39
185	Attenuation of carotid neointimal formation after direct delivery of a recombinant adenovirus expressing glucagon-like peptide-1 in diabetic rats. Cardiovascular Research, 2017, 113, 183-194.	1.8	39
186	Longitudinal Changes in Muscle Mass and Strength, and Bone Mass in Older Adults: Gender-Specific Associations Between Muscle and Bone Losses. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1062-1069.	1.7	39
187	The Effect of Composite Pig Islet-Human Endothelial Cell Grafts on the Instant Blood-Mediated Inflammatory Reaction. Cell Transplantation, 2009, 18, 31-38.	1.2	38
188	Changes in Metabolic Syndrome in American and Korean Youth, 1997-2008. Pediatrics, 2013, 131, e214-e222.	1.0	38
189	New susceptibility loci in MYL2, C12orf51 and OAS1 associated with 1-h plasma glucose as predisposing risk factors for type 2 diabetes in the Korean population. Journal of Human Genetics, 2013, 58, 362-365.	1.1	38
190	Predictive Values of the New Sarcopenia Index by the Foundation for the National Institutes of Health Sarcopenia Project for Mortality among Older Korean Adults. PLoS ONE, 2016, 11, e0166344.	1.1	38
191	Regulation of human resistin gene expression in cell systems: an important role of stimulatory protein 1 interaction with a common promoter polymorphic site. Diabetologia, 2005, 48, 1150-1158.	2.9	37
192	Weight Gain and Progression to Type 2 Diabetes in Women With a History of Gestational Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3548-3555.	1.8	37
193	Degree of ketonaemia and its association with insulin resistance after dapagliflozin treatment in type 2 diabetes. Diabetes and Metabolism, 2018, 44, 73-76.	1.4	37
194	The Effect of Lithospermic Acid, an Antioxidant, on Development of Diabetic Retinopathy in Spontaneously Obese Diabetic Rats. PLoS ONE, 2014, 9, e98232.	1.1	37
195	SLC12A3 (Solute Carrier Family 12 Member [Sodium/Chloride] 3) Polymorphisms Are Associated With End-Stage Renal Disease in Diabetic Nephropathy. Diabetes, 2006, 55, 843-848.	0.3	36
196	A multicenter, randomized, placeboâ€controlled, doubleâ€blind phase II trial evaluating the optimal dose, efficacy and safety of LC 15â€0444 in patients with type 2 diabetes. Diabetes, Obesity and Metabolism, 2010, 12, 1113-1119.	2.2	36
197	Detection of Differential Proteomes Associated with the Development of Type 2 Diabetes in the Zucker Rat Model Using the iTRAQ Technique. Journal of Proteome Research, 2011, 10, 564-577.	1.8	36
198	SUMO modification selectively regulates transcriptional activity of peroxisome-proliferator-activated receptor Î³ in C2C12 myotubes. Biochemical Journal, 2011, 433, 155-161.	1.7	36

#	Article	IF	Citations
199	The incretin effect in <scp>K</scp>orean subjects with normal glucose tolerance or type 2 diabetes. Clinical Endocrinology, 2014, 80, 221-227.	1.2	36
200	Cytosolic Pellino-1-Mediated K63-Linked Ubiquitination of IRF5 in M1 Macrophages Regulates Glucose Intolerance in Obesity. Cell Reports, 2017, 20, 832-845.	2.9	36
201	Circulating sortilin level as a potential biomarker for coronary atherosclerosis and diabetes mellitus. Cardiovascular Diabetology, 2017, 16, 92.	2.7	36
202	Nonsynonymous Variants in PAX4 and GLP1R Are Associated With Type 2 Diabetes in an East Asian Population. Diabetes, 2018, 67, 1892-1902.	0.3	36
203	Effect of exercise on the mitochondrial DNA content of peripheral blood in healthy women. European Journal of Applied Physiology, 2000, 82, 407-412.	1.2	35
204	Subclinical Hypothyroidism has Little Influences on Muscle Mass or Strength in Elderly People. Journal of Korean Medical Science, 2010, 25, 1176.	1.1	35
205	Sulwon Lecture 2009: The Search for Genetic Risk Factors of Type 2 Diabetes Mellitus. Diabetes and Metabolism Journal, 2011, 35, 12.	1.8	35
206	Effects of a Combined Aerobic and Resistance Exercise Program on C1q/TNF-Related Protein-3 (CTRP-3) and CTRP-5 Levels. Diabetes Care, 2013, 36, 3321-3327.	4.3	35
207	Evaluation of 1,5-anhydroglucitol as a marker for glycemic variability in patients with type 2 diabetes mellitus. Acta Diabetologica, 2013, 50, 505-510.	1.2	35
208	Effect of Metabolic Syndrome on Coronary Artery Stenosis and Plaque Characteristics as Assessed with 64â€“Detector Row Cardiac CT. Radiology, 2011, 261, 437-445.	3.6	34
209	Carotid Intima-Media Thickness Is Associated With the Progression of Cognitive Impairment in Older Adults. Stroke, 2015, 46, 1024-1030.	1.0	34
210	Feasibility of a Patient-Centered, Smartphone-Based, Diabetes Care System: A Pilot Study. Diabetes and Metabolism Journal, 2016, 40, 192.	1.8	34
211	Findings of a 1303 Korean whole-exome sequencing study. Experimental and Molecular Medicine, 2017, 49, e356-e356.	3.2	34
212	A mitochondrial proteome profile indicative of type 2 diabetes mellitus in skeletal muscles. Experimental and Molecular Medicine, 2018, 50, 1-14.	3.2	34
213	ApolipoproteinÂJ is a hepatokine regulating muscle glucose metabolism and insulin sensitivity. Nature Communications, 2020, 11, 2024.	5.8	34
214	Differences in donor CXCR4 expression levels are correlated with functional capacity and therapeutic outcome of angiogenic treatment with endothelial colony forming cells. Biochemical and Biophysical Research Communications, 2010, 398, 627-633.	1.0	33
215	Polymorphisms in <i>KCNQ1</i> Are Associated with Gestational Diabetes in a Korean Population. Hormone Research in Paediatrics, 2010, 74, 333-338.	0.8	33
216	Increasing Trend in the Number of Severe Hypoglycemia Patients in Korea. Diabetes and Metabolism Journal, 2011, 35, 166.	1.8	33

#	Article	IF	Citations
217	Anti-diabetic efficacy of KICG1338, a novel glycogen synthase kinase-3Î² inhibitor, and its molecular characterization in animal models of type 2 diabetes and insulin resistance. Molecular and Cellular Endocrinology, 2015, 409, 1-10.	1.6	33
218	A genetic variant in GLP1R is associated with response to DPP-4 inhibitors in patients with type 2 diabetes. Medicine (United States), 2016, 95, e5155.	0.4	33
219	The role of mitochondrial DNA in the development of type 2 diabetes caused by fetal malnutrition. Journal of Nutritional Biochemistry, 2005, 16, 195-204.	1.9	32
220	Effect of carnitineâ€orotate complex on glucose metabolism and fatty liver: A doubleâ€blind, placeboâ€controlled study. Journal of Gastroenterology and Hepatology (Australia), 2014, 29, 1449-1457.	1.4	32
221	Oneâ€hour postload plasma glucose concentration in people with normal glucose homeostasis predicts future diabetes mellitus: a 12â€year communityâ€based cohort study. Clinical Endocrinology, 2017, 86, 513-519.	1.2	32
222	Total and differential WBC counts are related with coronary artery atherosclerosis and increase the risk for cardiovascular disease in Koreans. PLoS ONE, 2017, 12, e0180332.	1.1	32
223	Dose-related cytoprotective effect ofÎ±-lipoic acid on hydrogen peroxide-induced oxidative stress to pancreatic beta cells. Free Radical Research, 2009, 43, 68-77.	1.5	31
224	Clinical whole exome sequencing in early onset diabetes patients. Diabetes Research and Clinical Practice, 2016, 122, 71-77.	1.1	31
225	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. Scientific Data, 2017, 4, 170179.	2.4	31
226	Analysis of proteome and transcriptome of tumor necrosis factor ? stimulated vascular smooth muscle cells with or without alpha lipoic acid. Proteomics, 2004, 4, 3383-3393.	1.3	30
227	Lack of association of GPRA (G proteinâ€“coupled receptor for asthma susceptibility) haplotypes with high serum IgE or asthma in a Korean population. Journal of Allergy and Clinical Immunology, 2004, 114, 1226-1227.	1.5	30
228	A genome-wide association study on thyroid function and anti-thyroid peroxidase antibodies in Koreans. Human Molecular Genetics, 2014, 23, 4433-4442.	1.4	30
229	Efficacy and safety of ipragliflozin as an addâ€on therapy to sitagliptin and metformin in Korean patients with inadequately controlled type 2 diabetes mellitus: A randomized controlled trial. Diabetes, Obesity and Metabolism, 2018, 20, 2408-2415.	2.2	30
230	Effect of S-adenosylmethionine on neointimal formation after balloon injury in obese diabetic rats. Cardiovascular Research, 2011, 90, 383-393.	1.8	29
231	Counterintuitive relationship between visceral fat and allâ€cause mortality in an elderly <scp>A</scp>sian population. Obesity, 2015, 23, 220-227.	1.5	29
232	A coding variant inFTOconfers susceptibility to thiopurine-induced leukopenia in East Asian patients with IBD. Gut, 2017, 66, 1926-1935.	6.1	29
233	Peroxisome proliferator-activated receptor gamma mediated inhibition of plasminogen activator inhibitor type 1 production and proliferation of human umbilical vein endothelial cells. Diabetes Research and Clinical Practice, 2003, 62, 1-8.	1.1	28
234	Taurine supplementation restored the changes in pancreatic islet mitochondria in the fetal protein-malnourished rat. British Journal of Nutrition, 2011, 106, 1198-1206.	1.2	28

#	Article	IF	Citations
235	Subclinical atherosclerosis in a community-based elderly cohort: The Korean Longitudinal Study on Health and Aging. International Journal of Cardiology, 2012, 155, 126-133.	0.8	28
236	Lower uncarboxylated osteocalcin and higher sclerostin levels are significantly associated with coronary artery disease. Bone, 2016, 83, 178-183.	1.4	28
237	Comparison of pancreatic volume and fat amount linked with glucose homeostasis between healthy Caucasians and Koreans. Diabetes, Obesity and Metabolism, 2018, 20, 2642-2652.	2.2	28
238	Obesity and effects of dapagliflozin on cardiovascular and renal outcomes in patients with type 2 diabetes mellitus in the DECLAREâ€“TIMI 58 trial. European Heart Journal, 2022, 43, 2958-2967.	1.0	28
239	Insulin restores fatty acid composition earlier in liver microsomes than erythrocyte membranes in streptozotocin-induced diabetic rats. Diabetes Research and Clinical Practice, 1995, 29, 93-98.	1.1	27
240	Sp1 mediates repression of the resistin gene by PPARÎ³ agonists in 3T3-L1 adipocytes. Biochemical and Biophysical Research Communications, 2006, 348, 253-258.	1.0	27
241	Detection of Differential Proteomes of Human Î²-Cells During Islet-Like Differentiation Using iTRAQ Labeling. Journal of Proteome Research, 2009, 8, 1393-1403.	1.8	27
242	A Newly Identified CG301269 Improves Lipid and Glucose Metabolism Without Body Weight Gain Through Activation of Peroxisome Proliferatorâ€“Activated Receptor Î± and Î³. Diabetes, 2011, 60, 496-506.	0.3	27
243	Efficacy and safety of ginsam, a vinegar extract from Panax ginseng, in type 2 diabetic patients: Results of a doubleâ€blind, placeboâ€controlled study. Journal of Diabetes Investigation, 2012, 3, 309-317.	1.1	27
244	Identifying Pathogenic Variants of Monogenic Diabetes Using Targeted Panel Sequencing in an East Asian Population. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 4188-4198.	1.8	27
245	PPAR-gamma gene expression is elevated in skeletal muscle of obese and type II diabetic subjects. Diabetes, 1997, 46, 1230-1234.	0.3	27
246	Associations between polymorphisms in the mitochondrial uncoupling proteins (UCPs) with T2DM. Clinica Chimica Acta, 2008, 398, 27-33.	0.5	26
247	A Survey on Ubiquitous Healthcare Service Demand among Diabetic Patients. Diabetes and Metabolism Journal, 2011, 35, 50.	1.8	26
248	Endothelial Colony-Forming Cell Coating of Pig Islets Prevents Xenogeneic Instant Blood-Mediated Inflammatory Reaction. Cell Transplantation, 2011, 20, 1805-1815.	1.2	26
249	Effect of a peroxisome proliferator-activated receptor Î³ sumoylation mutant on neointimal formation after balloon injury in rats. Atherosclerosis, 2009, 206, 411-417.	0.4	25
250	Prevalence and Clinical Characteristics of Recently Diagnosed Type 2 Diabetes Patients with Positive Anti-Glutamic Acid Decarboxylase Antibody. Diabetes and Metabolism Journal, 2012, 36, 136.	1.8	25
251	Genetics of type 2 diabetes and potential clinical implications. Archives of Pharmacal Research, 2013, 36, 167-177.	2.7	25
252	Rg3 Improves Mitochondrial Function and the Expression of Key Genes Involved in Mitochondrial Biogenesis in C2C12 Myotubes. Diabetes and Metabolism Journal, 2016, 40, 406.	1.8	25

#	Article	IF	Citations
253	Age- and sex-specific association of circulating osteocalcin with dynamic measures of glucose homeostasis. Osteoporosis International, 2016, 27, 1021-1029.	1.3	25
254	Methylsulfonylmethane (MSM), an organosulfur compound, is effective against obesity-induced metabolic disorders in mice. Metabolism: Clinical and Experimental, 2016, 65, 1508-1521.	1.5	25
255	BNIP3 is essential for mitochondrial bioenergetics during adipocyte remodelling in mice. Diabetologia, 2016, 59, 571-581.	2.9	25
256	Peripheral blood mitochondrial DNA content is inversely correlated with insulin secretion during hyperglycemic clamp studies in healthy young men. Diabetes Research and Clinical Practice, 2001, 52, 97-102.	1.1	24
257	Association of polymorphisms in the insulin-degrading enzyme gene with type 2 diabetes in the Korean population. Diabetes Research and Clinical Practice, 2008, 79, 284-290.	1.1	24
258	Optimal cut points of waist circumference (WC) and visceral fat area (VFA) predicting for metabolic syndrome (MetS) in elderly population in the Korean Longitudinal Study on Health and Aging (KLoSHA). Archives of Gerontology and Geriatrics, 2012, 54, e29-e34.	1.4	24
259	Efficacy and safety of adding evogliptin versus sitagliptin for metforminâ€treated patients with type 2 diabetes: <scp>A</scp> 24â€week randomized, controlled trial with open label extension. Diabetes, Obesity and Metabolism, 2017, 19, 654-663.	2.2	24
260	DNA methylation profiles in sibling pairs discordant for intrauterine exposure to maternal gestational diabetes. Epigenetics, 2017, 12, 825-832.	1.3	24
261	Circulating ApoJ is closely associated with insulin resistance in human subjects. Metabolism: Clinical and Experimental, 2018, 78, 155-166.	1.5	24
262	Rare coding variants in 35 genes associate with circulating lipid levelsâ€”A multi-ancestry analysis of 170,000 exomes. American Journal of Human Genetics, 2022, 109, 81-96.	2.6	24
263	ATP Measurement Predicts Porcine Islet Transplantation Outcome in Nude Mice. Transplantation, 2009, 87, 166-169.	0.5	23
264	Effects of Sulfonylureas on Peroxisome Proliferator-Activated Receptor Î³ Activity and on Glucose Uptake by Thiazolidinediones. Diabetes and Metabolism Journal, 2011, 35, 340.	1.8	23
265	The effects of chronic exercise on the inflammatory cytokines interleukin-6 and tumor necrosis factor-Î± are different with age. Applied Physiology, Nutrition and Metabolism, 2012, 37, 631-636.	0.9	23
266	Attenuation of PERK enhances glucose-stimulated insulin secretion in islets. Journal of Endocrinology, 2018, 236, 125-136.	1.2	23
267	Role of Synovial Exosomes in Osteoclast Differentiation in Inflammatory Arthritis. Cells, 2021, 10, 120.	1.8	23
268	Genetic variations in the leptin and leptin receptor genes are associated with type 2 diabetes mellitus and metabolic traits in the Korean female population. Clinical Genetics, 2008, 74, 105-115.	1.0	22
269	Activation of PPARÎ³ negatively regulates O-GlcNAcylation of Sp1. Biochemical and Biophysical Research Communications, 2008, 372, 713-718.	1.0	22
270	Mechanism for antioxidative effects of thiazolidinediones in pancreatic Î²-cells. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E912-E921.	1.8	22

#	Article	IF	Citations
271	Finding Genetic Risk Factors of Gestational Diabetes. Genomics and Informatics, 2012, 10, 239.	0.4	22
272	Efficacy and safety of the addition of a dipeptidyl peptidase-4 inhibitor to insulin therapy in patients with type 2 diabetes: A systematic review and meta-analysis. Diabetes Research and Clinical Practice, 2016, 116, 86-95.	1.1	22
273	Thyroid-stimulating hormone improves insulin sensitivity in skeletal muscle cells via cAMP/PKA/CREB pathway-dependent upregulation of insulin receptor substrate-1 expression. Molecular and Cellular Endocrinology, 2016, 436, 50-58.	1.6	22
274	Plasma fibroblast growth factor 21 levels increase with ectopic fat accumulation and its receptor levels are decreased in the visceral fat of patients with type 2 diabetes. BMJ Open Diabetes Research and Care, 2019, 7, e000776.	1.2	22
275	Correlation of plasma homocysteine and mitochondrial DNA content in peripheral blood in healthy women. Atherosclerosis, 2001, 158, 399-405.	0.4	21
276	Free Fatty Acid Metabolism in Human Skeletal Muscle Is Regulated by PPARÎ³ and RXR Agonists. Annals of the New York Academy of Sciences, 2002, 967, 66-70.	1.8	21
277	A report on the diagnosis of intermediate hyperglycemia in Korea: A pooled analysis of four community-based cohort studies. Diabetes Research and Clinical Practice, 2008, 80, 463-468.	1.1	21
278	Comparison of regional body composition and its relation with cardiometabolic risk between BMI-matched young and old subjects. Atherosclerosis, 2012, 224, 258-265.	0.4	21
279	F-box only protein 9 is an E3 ubiquitin ligase of PPARÎ³. Experimental and Molecular Medicine, 2016, 48, e234-e234.	3.2	21
280	Specific PERK inhibitors enhanced glucose-stimulated insulin secretion in a mouse model of type 2 diabetes. Metabolism: Clinical and Experimental, 2019, 97, 87-91.	1.5	21
281	A Relationship Between Alzheimer's Disease and Type 2 Diabetes Mellitus Through the Measurement of Serum Amyloid-Î² Autoantibodies. Journal of Alzheimer's Disease, 2010, 19, 1371-1376.	1.2	20
282	Genome-wide identification of palmitate-regulated immediate early genes and target genes in pancreatic beta-cells reveals a central role of NF-ÎºB. Molecular Biology Reports, 2012, 39, 6781-6789.	1.0	20
283	Role of mitochondrial DNA variation in the pathogenesis of diabetes mellitus. Frontiers in Bioscience - Landmark, 2016, 21, 1151-1167.	3.0	20
284	Impact of metabolic syndrome on the progression of coronary calcium and of coronary artery disease assessed by repeated cardiac computed tomography scans. Cardiovascular Diabetology, 2016, 15, 92.	2.7	20
285	Monocyte count as a predictor of cardiovascular mortality in older Korean people. Age and Ageing, 2017, 46, 433-438.	0.7	20
286	SUMO-specific protease 2 mediates leptin-induced fatty acid oxidation in skeletal muscle. Metabolism: Clinical and Experimental, 2019, 95, 27-35.	1.5	20
287	Diagnostic Value of Serum IGF-I and IGFBP-3 in Growth Hormone Disorders in Adults. Hormone Research in Paediatrics, 2001, 56, 117-123.	0.8	19
288	Susceptible Alleles of the CD40 and CTLA-4 Genes Are Not Associated with the Relapse after Antithyroid Withdrawal in Graves' Disease. Thyroid, 2007, 17, 1229-1234.	2.4	19

#	Article	IF	Citations
289	Life-threatening hypoglycemia induced by a tyrosine kinase inhibitor in a patient with neuroendocrine tumor: A case report. Diabetes Research and Clinical Practice, 2011, 93, e68-e70.	1.1	19
290	Differential effects of trimetazidine on vascular smooth muscle cell and endothelial cell in response to carotid artery balloon injury in diabetic rats. International Journal of Cardiology, 2013, 167, 126-133.	0.8	19
291	Thigh muscle attenuation measured by computed tomography was associated with the risk of low bone density in communityâ€dwelling elderly population. Clinical Endocrinology, 2013, 78, 512-517.	1.2	19
292	Herpesvirus-associated Ubiquitin-specific Protease (HAUSP) Modulates Peroxisome Proliferator-activated Receptor Î³ (PPARÎ³) Stability through Its Deubiquitinating Activity. Journal of Biological Chemistry, 2013, 288, 32886-32896.	1.6	19
293	Vildagliptin reduces plasma stromal cellâ€derived factorâ€1Î± in patients with type 2 diabetes compared with glimepiride. Journal of Diabetes Investigation, 2017, 8, 218-226.	1.1	19
294	Relationships between Angiotensin 1 Converting Enzyme Gene Polymorphism and Renal Complications in Korean IDDM Patients. Korean Journal of Internal Medicine, 1996, 11, 133-137.	0.7	18
295	Association between polymorphisms in the nuclear respiratory factor 1 gene and type 2 diabetes mellitus in the Korean population. Diabetologia, 2005, 48, 2033-2038.	2.9	18
296	S-Adenosyl-l-Methionine Increases Skeletal Muscle Mitochondrial DNA Density and Whole Body Insulin Sensitivity in OLETF Rats. Journal of Nutrition, 2007, 137, 339-344.	1.3	18
297	Lysophosphatidylserine regulates blood glucose by enhancing glucose transport in myotubes and adipocytes. Biochemical and Biophysical Research Communications, 2009, 378, 783-788.	1.0	18
298	S-Adenosyl-<scp>L</scp>-methionine ameliorates TNFÎ±-induced insulin resistance in 3T3-L1 adipocytes. Experimental and Molecular Medicine, 2010, 42, 345.	3.2	18
299	Genetic Studies on Diabetic Microvascular Complications: Focusing on Genome-Wide Association Studies. Endocrinology and Metabolism, 2015, 30, 147.	1.3	18
300	Improving Disease Prediction by Incorporating Family Disease History in Risk Prediction Models with Large-Scale Genetic Data. Genetics, 2017, 207, 1147-1155.	1.2	18
301	MD001, a Novel Peroxisome Proliferator-activated Receptor Î±/Î³ Agonist, Improves Glucose and Lipid Metabolism. Scientific Reports, 2019, 9, 1656.	1.6	18
302	The Association of Maximum Body Weight on the Development of Type 2 Diabetes and Microvascular Complications: MAXWEL Study. PLoS ONE, 2013, 8, e80525.	1.1	18
303	Four-Year Durability of Initial Combination Therapy with Sitagliptin and Metformin in Patients with Type 2 Diabetes in Clinical Practice; COSMIC Study. PLoS ONE, 2015, 10, e0129477.	1.1	18
304	Hyperglycemia per se can reduce plasma free fatty acid and glycerol levels in the acutely insulin-deficient dog. Metabolism: Clinical and Experimental, 1990, 39, 595-597.	1.5	17
305	Peripheral blood mitochondrial DNA content correlates with lipid oxidation rate during euglycemic clamps in healthy young men. Diabetes Research and Clinical Practice, 1999, 46, 149-154.	1.1	17
306	Islet cell autoimmunity and mitochondrial DNA mutation in Korean subjects with typical and atypical Type I diabetes. Diabetologia, 2001, 44, 2187-2191.	2.9	17

#	Article	IF	Citations
307	Polymorphisms in fatty acid-binding protein-3 (FABP3) - putative association with type 2 diabetes mellitus. Human Mutation, 2003, 22, 180-180.	1.1	17
308	Fully Automated Multifunctional Ultrahigh Pressure Liquid Chromatography System for Advanced Proteome Analyses. Journal of Proteome Research, 2012, 11, 4373-4381.	1.8	17
309	Effects of Chemosignals from Sad Tears and Postprandial Plasma on Appetite and Food Intake in Humans. PLoS ONE, 2012, 7, e42352.	1.1	17
310	Verification of Multimarkers for Detection of Early Stage Diabetic Retinopathy Using Multiple Reaction Monitoring. Journal of Proteome Research, 2013, 12, 1078-1089.	1.8	17
311	Identification and Functional Characterization of P159L Mutation inHNF1Bin a Family with Maturity-Onset Diabetes of the Young 5 (MODY5). Genomics and Informatics, 2014, 12, 240.	0.4	17
312	DMC (2â€²,4â€²-dihydroxy-6â€²-methoxy-3â€²,5â€²-dimethylchalcone) improves glucose tolerance as a potent AMPK activator. Metabolism: Clinical and Experimental, 2016, 65, 533-542.	1.5	17
313	A case of mediastinal ectopic thyroid presenting with a paratracheal mass. Korean Journal of Internal Medicine, 2013, 28, 361.	0.7	17
314	Dynamic Change in Plasma Leptin Level during the Perioperative Period. Hormone Research in Paediatrics, 2003, 59, 100-104.	0.8	16
315	MCP-1 and RANTES Polymorphisms in Korean Diabetic End-Stage Renal Disease. Journal of Korean Medical Science, 2007, 22, 611.	1.1	16
316	Changes in metabolic syndrome of Korean children and adolescents in the period 1998 to 2001. Journal of Endocrinological Investigation, 2008, 31, 327-333.	1.8	16
317	Polymorphisms of ADIPOR1 and ADIPOR2 are associated with phenotypes of typeÂ2 diabetes in Koreans. Clinical Endocrinology, 2009, 70, 66-74.	1.2	16
318	Cerebral white matter hyperintensity is mainly associated with hypertension among the components of metabolic syndrome in Koreans. Clinical Endocrinology, 2009, 71, 184-188.	1.2	16
319	Vitamin C Nutriture in Newly Diagnosed Diabetes. Journal of Nutritional Science and Vitaminology, 2010, 56, 217-221.	0.2	16
320	Two Cases of Methimazole-Induced Insulin Autoimmune Syndrome in Graves' Disease. Endocrinology and Metabolism, 2013, 28, 55.	1.3	16
321	Subclinical hypothyroidism in addition to common risk scores for prediction of cardiovascular disease: a 10-year community-based cohort study. European Journal of Endocrinology, 2014, 171, 649-657.	1.9	16
322	The Potential of Endothelial Colony-Forming Cells to Improve Early Graft Loss after Intraportal Islet Transplantation. Cell Transplantation, 2014, 23, 273-283.	1.2	16
323	Familial Young-Onset Diabetes, Pre-Diabetes and Cardiovascular Disease Are Associated with Genetic Variants of DACH1 in Chinese. PLoS ONE, 2014, 9, e84770.	1.1	16
324	A New Point Mutation (3426, A to G) in Mitochondrial NADH Dehydrogenase Gene in Korean Diabetic Patients Which Mimics 3243 Mutation by Restriction Fragment Length Polymorphism Pattern.. Endocrine Journal, 1998, 45, 105-110.	0.7	15

#	Article	IF	Citations
325	Relationship of 11.BETA.-hydroxysteroid dehydrogenase type 1 and hexose-6-phosphate dehydrogenase gene polymorphisms with metabolic syndrome and type 2 diabetes. Endocrine Journal, 2011, 58, 949-959.	0.7	15
326	Role of various indices derived from an oral glucose tolerance test in the prediction of conversion from prediabetes to type 2 diabetes. Diabetes Research and Clinical Practice, 2014, 106, 351-359.	1.1	15
327	Anagliptin and sitagliptin as addâ€•ons to metformin for patients with type 2 diabetes: a 24â€week, multicentre, randomized, doubleâ€blind, activeâ€controlled, phase <scp>III</scp> clinical trial with a 28â€week extension. Diabetes, Obesity and Metabolism, 2015, 17, 511-515.	2.2	15
328	Independent Association of Serum Aldosterone Level with Metabolic Syndrome and Insulin Resistance in Korean Adults. Korean Circulation Journal, 2018, 48, 198.	0.7	15
329	Effect of cilostazol, a phosphodiesteraseâ€3 inhibitor, on coronary artery stenosis and plaque characteristics in patients with type 2 diabetes: ESCAPE study. Diabetes, Obesity and Metabolism, 2019, 21, 1409-1418.	2.2	15
330	DNA Methylation Changes Associated With Type 2 Diabetes and Diabetic Kidney Disease in an East Asian Population. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e3837-e3851.	1.8	15
331	Association of a polymorphism in the gene encoding phosphoenolpyruvate carboxykinase 1 with high-density lipoprotein and triglyceride levels. Diabetologia, 2005, 48, 2025-2032.	2.9	14
332	Regulatory Effect of Common Promoter Polymorphisms on the Expression of the <i>11</i>Î²<i>-Hydroxysteroid Dehydrogenase Type 1 </i>Gene. Hormone Research in Paediatrics, 2009, 72, 25-32.	0.8	14
333	A randomized, placebo-controlled, double-blind, phase 3 trial to evaluate the efficacy and safety of anagliptin in drug-naïve patients with type 2 diabetes. Endocrine Journal, 2015, 62, 449-462.	0.7	14
334	Normal Glucose Tolerance with a High 1-Hour Postload Plasma Glucose Level Exhibits Decreased Î²-Cell Function Similar to Impaired Glucose Tolerance. Diabetes and Metabolism Journal, 2015, 39, 147.	1.8	14
335	Comprehensive assessment of lipoprotein subfraction profiles according to glucose metabolism status, and association with insulin resistance in subjects with early-stage impaired glucose metabolism. International Journal of Cardiology, 2016, 225, 327-331.	0.8	14
336	Longâ€Term Prognostic Value of Coronary Computed Tomography Angiography in an Asymptomatic Elderly Population. Journal of the American Heart Association, 2019, 8, e013523.	1.6	14
337	Estimated Association Between Cytokines and the Progression to Diabetes: 10-year Follow-Up From a Community-Based Cohort. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e381-e389.	1.8	14
338	Influence of the definition of â€œmetabolically healthy obesityâ€•on the progression of coronary artery calcification. PLoS ONE, 2017, 12, e0178741.	1.1	14
339	Metformin Ameliorates Lipotoxic Î²-Cell Dysfunction through a Concentration-Dependent Dual Mechanism of Action. Diabetes and Metabolism Journal, 2019, 43, 854.	1.8	14
340	Association of HLA Genotype and Fulminant Type 1 Diabetes in Koreans. Genomics and Informatics, 2015, 13, 126.	0.4	14
341	Acylated Ghrelin Secretion Is Acutely Suppressed by Oral Glucose Load or Insulin-Induced Hypoglycemia Independently of Basal Growth Hormone Secretion in Humans. Hormone Research in Paediatrics, 2007, 67, 211-219.	0.8	13
342	Predictive Factors Associated with the Reversibility of Post-transplantation Diabetes Mellitus Following Liver Transplantation. Journal of Korean Medical Science, 2009, 24, 567.	1.1	13

#	Article	IF	Citations
343	Re-highlighting the action of PPARÎ³ in treating metabolic diseases. F1000Research, 2018, 7, 1127.	0.8	13
344	Changes of Mitochondrial DNA Content in the Male Offspring of Protein-Malnourished Rats. , 2004, 1011, 205-216.		13
345	Proteomic analysis of cellular change involved in mitochondria-to-nucleus communication in L6â€…GLUT4myc myocytes. Proteomics, 2006, 6, 1210-1222.	1.3	12
346	Common promoter polymorphism in monocyte differentiation antigen CD14 is associated with serum triglyceride levels and body mass index in non-diabetic individuals. Diabetic Medicine, 2006, 23, 72-76.	1.2	12
347	Evaluation of Porcine Pancreatic Islets Transplanted in the Kidney Capsules of Diabetic Mice Using a Clinically Approved Superparamagnetic Iron Oxide (SPIO) and a 1.5T MR Scanner. Korean Journal of Radiology, 2010, 11, 673.	1.5	12
348	Autoantibodies against aminoacyl-tRNA synthetase: novel diagnostic marker for type 1 diabetes mellitus. Biomarkers, 2010, 15, 358-366.	0.9	12
349	Identification of a genetic locus on chromosome 4q34-35 for type 2 diabetes with overweight. Experimental and Molecular Medicine, 2013, 45, e7-e7.	3.2	12
350	Effect of the combination of metformin and fenofibrate on glucose homeostasis in diabetic Goto-Kakizaki rats. Experimental and Molecular Medicine, 2013, 45, e30-e30.	3.2	12
351	Expression of Thyroid Stimulating Hormone Receptor mRNA in Mouse C2C12 Skeletal Muscle Cells. Endocrinology and Metabolism, 2013, 28, 119.	1.3	12
352	Clinical Implications of Various Criteria for the Biochemical Diagnosis of Insulinoma. Endocrinology and Metabolism, 2014, 29, 498.	1.3	12
353	Gender differences in risk factors for the 2Âyear development of sarcopenia in communityâ€dwelling older adults. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 1908-1918.	2.9	12
354	Hydrogen Peroxide-Induced VCAM-1 Expression in Pancreatic Islets and Î²-Cells Through Extracellular Ca2+ Influx. Transplantation, 2008, 86, 1257-1266.	0.5	11
355	Ghrelin inhibits early osteogenic differentiation of C3H10T1/2 cells by suppressing Runx2 expression and enhancing PPARÎ³ and C/EBPÎ± expression. Journal of Cellular Biochemistry, 2009, 106, 626-632.	1.2	11
356	Decreasing Trends of the Prevalence of Diabetes and Obesity in Korean Women Aged 30-59 Years Over the Past Decade: Results From the Korean National Health and Nutrition Examination Survey, 2001-2010. Diabetes Care, 2013, 36, e95-e96.	4.3	11
357	Clinical Characteristics of the Responders to Dipeptidyl Peptidase-4 Inhibitors in Korean Subjects with Type 2 Diabetes. Journal of Korean Medical Science, 2013, 28, 881.	1.1	11
358	Functional polymorphism in aldehyde dehydrogenase-2 gene associated with risk of tuberculosis. BMC Medical Genetics, 2014, 15, 40.	2.1	11
359	Changing relative contribution of abdominal obesity and a family history of diabetes on prevalence of diabetes mellitus in <scp>K</scp>orean men and women aged 30â€“49 years from 2001 to 2010 ä»Ž2001è‡³2010å¹´åœ¨éŸ©å›½30â€“49å²ç´„æ®µçš„ç”·æ€§ä¸Žå¥³æ€§ä¸…è…¹åž‹è‚¥èƒ–ä»¥å…³ç³–å°¿ç—…å®¶æ—å²ä¸Žç³–å°¿ç—…	0.8	11
360	Efficacy and safety of gemigliptin, a dipeptidyl peptidaseâ€4 inhibitor, in patients with type 2 diabetes mellitus inadequately controlled with combination treatment of metformin and sulphonylurea: <scp>a</scp> 24â€week, multicentre, randomized, doubleâ€blind, placeboâ€controlled study (<scp>TROICA</scp> study). Diabetes, Obesity and Metabolism, 2017, 19, 635-643.	2.2	11

#	Article	IF	Citations
361	Antidiabetic effects of trihydroxychalcone derivatives via activation of AMP-activated protein kinase. Journal of Industrial and Engineering Chemistry, 2018, 60, 177-184.	2.9	11
362	Update on Monogenic Diabetes in Korea. Diabetes and Metabolism Journal, 2020, 44, 627-639.	1.8	11
363	Carotid Intimal-Medial Thickness Is Not Increased in Women with Previous Gestational Diabetes Mellitus. Diabetes and Metabolism Journal, 2011, 35, 497.	1.8	10
364	The Association of Rate of Weight Gain During Early Adulthood With the Prevalence of Subclinical Coronary Artery Disease in Recently Diagnosed Type 2 Diabetes: The MAXWEL-CAD Study. Diabetes Care, 2014, 37, 2491-2499.	4.3	10
365	Comparison of different statin therapy to change low-density lipoprotein cholesterol and high-density lipoprotein cholesterol level in Korean patients with and without diabetes. Journal of Clinical Lipidology, 2016, 10, 528-537.e3.	0.6	10
366	Association of angiotensin-II levels with albuminuria in subjects with normal glucose metabolism, prediabetes, and type 2 diabetes mellitus. Journal of Diabetes and Its Complications, 2017, 31, 1499-1505.	1.2	10
367	Pathophysiology of Type 2 Diabetes in Koreans. Endocrinology and Metabolism, 2018, 33, 9.	1.3	10
368	Oral Glucose Tolerance Testing Allows Better Prediction of Diabetes in Women with a History of Gestational Diabetes Mellitus. Diabetes and Metabolism Journal, 2019, 43, 342.	1.8	10
369	Tentonin 3/TMEM150C regulates glucose-stimulated insulin secretion in pancreatic Î²-cells. Cell Reports, 2021, 37, 110067.	2.9	10
370	Relationship between various surrogate indices of insulin resistance and mitochondrial DNA content in the peripheral blood of 18 healthy volunteers. Mitochondrion, 2001, 1, 71-77.	1.6	9
371	S20G mutation of the amylin gene is associated with a lower body mass index in Korean type 2 diabetic patients. Diabetes Research and Clinical Practice, 2003, 60, 125-129.	1.1	9
372	Prevention of type 2 diabetes mellitus from the viewpoint of genetics. Diabetes Research and Clinical Practice, 2004, 66, S33-S35.	1.1	9
373	Genetic polymorphisms in the transforming growth factor beta-induced gene associated with BMI. Human Mutation, 2005, 25, 322-322.	1.1	9
374	The diagnosis of diabetes mellitus in Korea: a pooled analysis of four community-based cohort studies. Diabetic Medicine, 2007, 24, 217-218.	1.2	9
375	Efficacy and safety of glimepiride/metformin sustained release once daily vs. glimepiride/metformin twice daily in patients with type 2 diabetes. International Journal of Clinical Practice, 2013, 67, 236-243.	0.8	9
376	Roles of Islet Toll-Like Receptors in Pig to Mouse Islet Xenotransplantation. Cell Transplantation, 2013, 22, 1709-1722.	1.2	9
377	The amount of C1qâ€“adiponectin complex is higher in the serum and the complex localizes to perivascular areas of fat tissues and the intimalâ€“medial layer of blood vessels of coronary artery disease patients. Cardiovascular Diabetology, 2015, 14, 50.	2.7	9
378	The Level of Autoantibodies Targeting Eukaryote Translation Elongation Factor 1 Î±1 and Ubiquitin-Conjugating Enzyme 2L3 in Nondiabetic Young Adults. Diabetes and Metabolism Journal, 2016, 40, 154.	1.8	9

#	Article	IF	Citations
379	Metabolic syndrome independently predicts future diabetes in women with a history of gestational diabetes mellitus. Medicine (United States), 2016, 95, e4582.	0.4	9
380	Progression to Gestational Diabetes Mellitus in Pregnant Women with One Abnormal Value in Repeated Oral Glucose Tolerance Tests. Diabetes and Metabolism Journal, 2019, 43, 607.	1.8	9
381	SENP2 regulates mitochondrial function and insulin secretion in pancreatic Î² cells. Experimental and Molecular Medicine, 2022, 54, 72-80.	3.2	9
382	A Case Showing Complete Insulin Independence After Severe Diabetic Ketoacidosis Associated With Tacrolimus Treatment. Diabetes Care, 2002, 25, 1664-1664.	4.3	8
383	Thiazolidinediones inhibit the growth of PC12 cells both in vitro and in vivo. Biochemical and Biophysical Research Communications, 2008, 371, 197-202.	1.0	8
384	The association of variable number of tandem repeats of the insulin gene with susceptibility to type 1 diabetes among Korean subjects. Diabetes/Metabolism Research and Reviews, 2010, 26, 474-480.	1.7	8
385	F-box only protein 9 is required for adipocyte differentiation. Biochemical and Biophysical Research Communications, 2013, 435, 239-243.	1.0	8
386	Changes in Metabolic Markers in Insulin-Producing Î²-Cells during Hypoxia-Induced Cell Death As Studied by NMR Metabolomics. Journal of Proteome Research, 2013, 12, 3738-3745.	1.8	8
387	Improved Insulin Secretion by Autologous Islet Transplantation, Compared to Oral Antidiabetic Agents, after Distal Pancreatectomy. Cell Transplantation, 2015, 24, 1615-1626.	1.2	8
388	Effect of Rosuvastatin on Cholesterol Efflux Capacity and Endothelial Function in Type 2 Diabetes Mellitus and Dyslipidemia. Circulation Journal, 2018, 82, 1387-1395.	0.7	8
389	Efficacy and safety of lobeglitazone versus sitagliptin as an addâ€on to metformin in patients with type 2 diabetes with two or more components of metabolic syndrome over 24â€‰weeks. Diabetes, Obesity and Metabolism, 2020, 22, 1869-1873.	2.2	8
390	Contemporary use of lipid-lowering therapy for secondary prevention in Korean patients with atherosclerotic cardiovascular diseases. Korean Journal of Internal Medicine, 2020, 35, 593-604.	0.7	8
391	Effects of rosiglitazone on body fat distribution and insulin sensitivity in Korean type 2 diabetes mellitus patients. Metabolism: Clinical and Experimental, 2008, 57, 479-487.	1.5	7
392	Murine Sca1+Linâ^' bone marrow contains an endodermal precursor population that differentiates into hepatocytes. Experimental and Molecular Medicine, 2015, 47, e187-e187.	3.2	7
393	Serum bilirubin levels are positively associated with glycemic variability in women with type 2 diabetes. Journal of Diabetes Investigation, 2016, 7, 874-880.	1.1	7
394	Serum Neopterin Concentration and Impaired Glucose Metabolism: Relationship With Î²-Cell Function and Insulin Resistance. Frontiers in Endocrinology, 2019, 10, 43.	1.5	7
395	Genetic Associations of Type 2 Diabetes with Islet Amyloid Polypeptide Processing and Degrading Pathways in Asian Populations. PLoS ONE, 2013, 8, e62378.	1.1	7
396	Evaluation of Non-Laboratory and Laboratory Prediction Models for Current and Future Diabetes Mellitus: A Cross-Sectional and Retrospective Cohort Study. PLoS ONE, 2016, 11, e0156155.	1.1	7

#	Article	IF	Citations
397	Comparison of Glucose Tolerance Categories in the Korean Population According to World HealthOrganization and American Diabetes Association Diagnostic Criteria. Korean Journal of Internal Medicine, 2000, 15, 37-41.	0.7	7
398	SENP2 suppresses browning of white adipose tissues by de-conjugating SUMO from C/EBPÎ². Cell Reports, 2022, 38, 110408.	2.9	7
399	Insulin Secretion and Incretin Hormone Concentration in Women with Previous Gestational Diabetes Mellitus. Diabetes and Metabolism Journal, 2011, 35, 58.	1.8	6
400	Identification of Two Cases of Ciliopathy-Associated Diabetes and Their Mutation Analysis Using Whole Exome Sequencing. Diabetes and Metabolism Journal, 2015, 39, 439.	1.8	6
401	Retinoid X Receptor Î± Overexpression Alleviates Mitochondrial Dysfunction-induced Insulin Resistance through Transcriptional Regulation of Insulin Receptor Substrate 1. Molecules and Cells, 2015, 38, 356-361.	1.0	6
402	Increased postprandial apolipoprotein B-48 level after a test meal in diabetic patients: A multicenter, cross-sectional study. Metabolism: Clinical and Experimental, 2016, 65, 843-851.	1.5	6
403	Fimasartan increases glucoseâ€stimulated insulin secretion in patients with type 2 diabetes and hypertension compared with amlodipine. Diabetes, Obesity and Metabolism, 2018, 20, 1670-1677.	2.2	6
404	Sequencing Cell-free Fetal DNA in Pregnant Women With GCK-MODY. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2678-2689.	1.8	6
405	The effect of obesity on fibrinolytic activity and plasma lipoprotein (a) levels in patients with type 2 diabetes mellitus in Korea. Diabetes Research and Clinical Practice, 1994, 24, 25-31.	1.1	5
406	Microarray Analysis of Thyroid Stimulating Hormone, Insulin-Like Growth Factor-1, and Insulin-Induced Gene Expression in FRTL-5 Thyroid Cells. Journal of Korean Medical Science, 2007, 22, 883.	1.1	5
407	Role of aryl hydrocarbon receptor nuclear translocator in KATP channel-mediated insulin secretion in INS-1 insulinoma cells. Biochemical and Biophysical Research Communications, 2009, 379, 1048-1053.	1.0	5
408	Ubiquitous Healthcare Service Has the Persistent Benefit on Glycemic Control and Body Weight in Older Adults With Diabetes. Diabetes Care, 2012, 35, e19-e19.	4.3	5
409	Correlation of the incretin effect with firstâ€•and secondâ€phase insulin secretions in Koreans with various glucose tolerance statuses. Clinical Endocrinology, 2015, 83, 59-66.	1.2	5
410	1,5-Anhydro-D-Glucitol Could Reflect Hypoglycemia Risk in Patients with Type 2 Diabetes Receiving Insulin Therapy. Endocrinology and Metabolism, 2016, 31, 284.	1.3	5
411	Phenotypic and Genetic Analyses of Korean Patients with Familial Hypercholesterolemia: Results from the KFH Registry 2020. Journal of Atherosclerosis and Thrombosis, 2021, , .	0.9	5
412	An Essential Role of the N-Terminal Region of ACSL1 in Linking Free Fatty Acids to Mitochondrial Î²-Oxidation in C2C12 Myotubes. Molecules and Cells, 2021, 44, 637-646.	1.0	5
413	Relation between Adiponectin and Metabolic Risk Factors. Journal of Korean Endocrine Society, 2005, 20, 441.	0.1	5
414	Derivation of a new equation for estimating creatinine clearance by using fat-free mass and serum creatinine concentration in Korean patients with type 2 diabetes mellitus. Diabetes Research and Clinical Practice, 2009, 83, 44-49.	1.1	4

#	Article	IF	Citations
415	Effect of the combination of mitiglinide and metformin on glycemic control in patients with type 2 diabetes mellitus. Journal of Diabetes Investigation, 2010, 1, 143-148.	1.1	4
416	4-deoxypyridoxine improves the viability of isolated pancreatic islets ex vivo. Islets, 2013, 5, 116-121.	0.9	4
417	Asymptomatic subjects with diabetes have a comparable risk of coronary artery disease to Non-diabetic subjects presenting chest pain: a 4-year community-based prospective study. BMC Cardiovascular Disorders, 2013, 13, 87.	0.7	4
418	Mitochondrial Complexes I and II Are More Susceptible to Autophagy Deficiency in Mouse Î²-Cells. Endocrinology and Metabolism, 2015, 30, 65.	1.3	4
419	Direct differentiation of bone marrow mononucleated cells into insulin producing cells using pancreatic Î²-cell-derived components. Scientific Reports, 2019, 9, 5343.	1.6	4
420	The role of adipocytokines in adipocyte-related pathological processes. Drug News and Perspectives, 2004, 17, 293.	1.9	4
421	Comparison of the Efficacy and Safety of Glimepiride/Metformin Fixed Combination Versus Free Combination in Patients with Type 2 Diabetes: Multicenter, Randomized, Controlled Trial. The Journal of Korean Diabetes Association, 2006, 30, 466.	0.1	3
422	Genetics of Gestational Diabetes Mellitus. Journal of the Korean Medical Association, 2009, 52, 688.	0.1	3
423	Androgen Receptor Gene CAG Repeat Polymorphism and Effect of Testosterone Therapy in Hypogonadal Men in Korea. Endocrinology and Metabolism, 2011, 26, 225.	1.3	3
424	A Novel Mutation in the Von Hippel-Lindau Tumor Suppressor Gene Identified in a Patient Presenting with Gestational Diabetes Mellitus. Endocrinology and Metabolism, 2013, 28, 320.	1.3	3
425	Determination of selected reaction monitoring peptide transitions via multiplexed productâ€ion scan modes. Rapid Communications in Mass Spectrometry, 2014, 28, 773-780.	0.7	3
426	Clinical Characteristics of Subjects with Sulfonylurea-Dependent Type 2 Diabetes. Endocrinology and Metabolism, 2015, 30, 509.	1.3	3
427	Thyroid Hormone Regulates the mRNA Expression of Small Heterodimer Partner through Liver Receptor Homolog-1. Endocrinology and Metabolism, 2015, 30, 584.	1.3	3
428	Autophagy deficiency in Î² cells blunts incretin-induced suppression of glucagon release from Î± cells. Islets, 2015, 7, e1129096.	0.9	3
429	Comparison of Adherence to Glimepiride/Metformin Sustained Release Once-daily Versus Glimepiride/Metformin Immediate Release BID Fixed-combination Therapy Using the Medication Event Monitoring System in Patients With Type 2 Diabetes. Clinical Therapeutics, 2018, 40, 752-761.e2.	1.1	3
430	Efficacy and Safety of Self-Titration Algorithms of Insulin Glargine 300 units/mL in Individuals with Uncontrolled Type 2 Diabetes Mellitus (The Korean TITRATION Study): A Randomized Controlled Trial. Diabetes and Metabolism Journal, 2022, 46, 71-80.	1.8	3
431	Characteristics and Natural Course of Pituitary Incidentaloma in Korea. Journal of Korean Endocrine Society, 2008, 23, 111.	0.1	3
432	Prevalence and Clinical Characteristics of Aspirin Resistance in the Patients with Type 2 Diabetes Mellitus. Korean Diabetes Journal, 2008, 32, 53.	0.8	3

#	Article	IF	Citations
433	Association of the Parathyroid Adenoma Volume and the Biochemical Parameters in Primary Hyperparathyroidism. Endocrinology and Metabolism, 2011, 26, 62.	1.3	3
434	Metabolic effect of decreasing nonesterified fatty acid levels with acipimox in hyperthyroid patients. Metabolism: Clinical and Experimental, 1999, 48, 1318-1321.	1.5	2
435	Allelic frequencies and heterozygosities of microsatellite markers covering the whole genome in the Korean. Journal of Human Genetics, 2008, 53, 254-266.	1.1	2
436	Clinical Characteristics of Langerhans Cell Histiocytosis with Hypothalamo-Pituitary Involvement. Endocrinology and Metabolism, 2011, 26, 38.	1.3	2
437	Novel Strategy for Successful Long-Term Hematopoietic Recovery after Transplanting a Limited Number of Hematopoietic Stem/Progenitor Cells. Biology of Blood and Marrow Transplantation, 2014, 20, 1282-1289.	2.0	2
438	The Use of Ginkgo biloba Extract in Cardiovascular Protection in Patients with Diabetes. , 2014, , 165-172.		2
439	Alleviation of skin inflammation after Linâ^' cell transplantation correlates with their differentiation into myeloid-derived suppressor cells. Scientific Reports, 2015, 5, 14663.	1.6	2
440	Screening, Diagnosis, and Treatment of Familial Hypercholesterolemia: Symposium of the Education Committee, Korean Society of Lipid and Atherosclerosis. Journal of Lipid and Atherosclerosis, 2018, 7, 122.	1.1	2
441	Liver transaminase levels after intraportal autologous islet transplantation after partial pancreatectomy were associated with long-term metabolic outcomes. Diabetes Research and Clinical Practice, 2018, 143, 232-238.	1.1	2
442	Development of a clinical risk score for incident diabetes: A 10â€year prospective cohort study. Journal of Diabetes Investigation, 2021, 12, 610-618.	1.1	2
443	Low fasting glucoseâ€toâ€estimated average glucose ratio was associated with superior response to insulin degludec/aspart compared with basal insulin in patients with typeÂ2 diabetes. Journal of Diabetes Investigation, 2021, , .	1.1	2
444	Magnetic resonance imaging of the pancreas in streptozotocin-induced diabetic rats: Gadofluorine P and Gd-DOTA. World Journal of Gastroenterology, 2015, 21, 5831-5842.	1.4	2
445	Primary Hyperaparathyroidism due to Cystic Parathyroid Adenoma not Detected on99mTc-Sestamibi Scan. Endocrinology and Metabolism, 2012, 27, 83.	1.3	2
446	Pituitary Apoplexy in Korea - Characteristics, Treatment Options and Outcomes. Journal of Korean Endocrine Society, 2009, 24, 247.	0.1	2
447	Six Cases of Congenital Adrenal Hyperplasia That Were Due to 17Î±-hydroxylase/17,20-lyase Deficiency. Journal of Korean Endocrine Society, 2009, 24, 109.	0.1	2
448	The Association of Aldose Reductase Gene Polymorphisms with Neuropathy in Patients with Type 2 Diabetes. The Journal of Korean Diabetes Association, 2007, 31, 274.	0.1	1
449	Two Cases of Autoantibody Negative Fulminant Type 1 Diabetes Mellitus. The Journal of Korean Diabetes Association, 2007, 31, 372.	0.1	1
450	Effect of Adipose Differentiation-Related Protein (ADRP) on Glucose Uptake of Skeletal Muscle. Korean Diabetes Journal, 2009, 33, 206.	0.8	1

#	Article	IF	Citations
451	Polymorphisms of theReg1Î± Gene and Early Onset Type 2 Diabetes in the Korean Population. Korean Diabetes Journal, 2010, 34, 229.	0.8	1
452	Granulocyte-Derived Cationic Peptide Enhances Homing and Engraftment of Bone Marrow Stem Cells after Transplantation. Laboratory Animal Research, 2011, 27, 133.	1.1	1
453	Magnetic labeling of pancreatic Î²â€cells modulates the glucoseâ€and insulinâ€induced phosphorylation of ERK1/2 and AKT. Contrast Media and Molecular Imaging, 2013, 8, 20-26.	0.4	1
454	Bone marrow stem/progenitor cell mobilization in C57BL/6J and BALB/c mice. Laboratory Animal Research, 2014, 30, 14.	1.1	1
455	Response: Normal Glucose Tolerance with a High 1-Hour Postload Plasma Glucose Level Exhibits Decreased Î²-Cell Function Similar to Impaired Glucose Tolerance (Diabetes Metab J2015;39:147-53). Diabetes and Metabolism Journal, 2015, 39, 270.	1.8	1
456	Clinical Characteristics and Metabolic Predictors of Rapid Responders to Dipeptidyl Peptidase-4 Inhibitor as an Add-on Therapy to Sulfonylurea and Metformin. Diabetes and Metabolism Journal, 2015, 39, 489.	1.8	1
457	Selecting cases and controls for DNA sequencing studies using family histories of disease. Statistics in Medicine, 2017, 36, 2081-2099.	0.8	1
458	Application of the 2013 American College of Cardiology/American Heart Association Cholesterol Guideline to the Korean National Health and Nutrition Examination Surveys from 1998 to 2012. Diabetes and Metabolism Journal, 2017, 41, 38.	1.8	1
459	Transplantation of human mobilized mononuclear cells improved diabetic neuropathy. Journal of Endocrinology, 2018, 239, 277-287.	1.2	1
460	High 24-Hour Urinary C-Peptide Excretion in Non-Insulin Dependent Diabetes Mellitus. Korean Journal of Internal Medicine, 1986, 1, 172-178.	0.7	1
461	Association between Genetic Polymorphisms in Hepatocyte Nuclear Factor 4Î± and Type 2 Diabetes in Koreans. The Journal of Korean Diabetes Association, 2006, 30, 10.	0.1	0
462	Cystic Insulinoma of the Pancreas. Journal of Korean Endocrine Society, 2006, 21, 552.	0.1	0
463	Environmental Pollutant and Cardiovascular Disease. Journal of Lipid and Atherosclerosis, 2014, 3, 1.	1.1	0
464	Discrepancy between the Growth Hormone and Insulin-like Growth Factor-I Concentrations in Patients with Acromegaly. Journal of Korean Endocrine Society, 2008, 23, 395.	0.1	0
465	Cardiovascular risk factors and intraoperative hypotension predicted development of insulin deficiency and diabetes after pancreatectomy. Annals of Hepato-biliary-pancreatic Surgery, 2022, 26, S351-S351.	0.1	0