

Hong Kyu Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4753811/publications.pdf>

Version: 2024-02-01

143
papers

8,157
citations

53660

45
h-index

49773

87
g-index

148
all docs

148
docs citations

148
times ranked

12214
citing authors

#	ARTICLE	IF	CITATIONS
1	Variants in KCNQ1 are associated with susceptibility to type 2 diabetes mellitus. <i>Nature Genetics</i> , 2008, 40, 1092-1097.	9.4	694
2	Increasing Prevalence of Metabolic Syndrome in Korea. <i>Diabetes Care</i> , 2011, 34, 1323-1328.	4.3	527
3	Dynamic changes in mitochondrial biogenesis and antioxidant enzymes during the spontaneous differentiation of human embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 1472-1478.	1.0	425
4	Plasma Retinol-Binding Protein-4 Concentrations Are Elevated in Human Subjects With Impaired Glucose Tolerance and Type 2 Diabetes. <i>Diabetes Care</i> , 2006, 29, 2457-2461.	4.3	370
5	Implication of Genetic Variants Near <i>TCF7L2</i> , <i>SLC30A8</i> , <i>HHEX</i> , <i>CDKAL1</i> , <i>CDKN2A/B</i> , <i>IGF2BP2</i> , and <i>FTO</i> in Type 2 Diabetes and Obesity in 6,719 Asians. <i>Diabetes</i> , 2008, 57, 2226-2233.	0.3	331
6	Resistin is secreted from macrophages in atheromas and promotes atherosclerosis. <i>Cardiovascular Research</i> , 2006, 69, 76-85.	1.8	221
7	Type 2 diabetes-associated genetic variants discovered in the recent genome-wide association studies are related to gestational diabetes mellitus in the Korean population. <i>Diabetologia</i> , 2009, 52, 253-261.	2.9	210
8	Plasma Resistin Concentrations Measured by Enzyme-Linked Immunosorbent Assay Using a Newly Developed Monoclonal Antibody Are Elevated in Individuals with Type 2 Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 150-156.	1.8	196
9	Mitochondrial Haplogroup N9a Confers Resistance against Type 2 Diabetes in Asians. <i>American Journal of Human Genetics</i> , 2007, 80, 407-415.	2.6	194
10	Chronic Exposure to the Herbicide, Atrazine, Causes Mitochondrial Dysfunction and Insulin Resistance. <i>PLoS ONE</i> , 2009, 4, e5186.	1.1	193
11	Phylogeographic Analysis of Mitochondrial DNA in Northern Asian Populations. <i>American Journal of Human Genetics</i> , 2007, 81, 1025-1041.	2.6	183
12	Ghrelin stimulates proliferation and differentiation and inhibits apoptosis in osteoblastic MC3T3-E1 cells. <i>Bone</i> , 2005, 37, 359-369.	1.4	181
13	Glutathione Peroxidase 3 Mediates the Antioxidant Effect of Peroxisome Proliferator-Activated Receptor β in Human Skeletal Muscle Cells. <i>Molecular and Cellular Biology</i> , 2009, 29, 20-30.	1.1	152
14	Mesenchymal Stem Cells Transfer Mitochondria to the Cells with Virtually No Mitochondrial Function but Not with Pathogenic mtDNA Mutations. <i>PLoS ONE</i> , 2012, 7, e32778.	1.1	146
15	Prevalence, awareness, treatment, control and risk factors of hypertension in Korea: the Ansan study. <i>Journal of Hypertension</i> , 2001, 19, 1523-1532.	0.3	124
16	Abnormal Liver Function Test Predicts Type 2 Diabetes. <i>Diabetes Care</i> , 2007, 30, 2566-2568.	4.3	116
17	Insulin-Sensitizing Effects of Exercise on Adiponectin and Retinol-Binding Protein-4 Concentrations in Young and Middle-Aged Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 2263-2268.	1.8	110
18	A mitochondrial DNA variant at position 16189 is associated with type 2 diabetes mellitus in Asians. <i>Diabetologia</i> , 2008, 51, 602-608.	2.9	100

#	ARTICLE	IF	CITATIONS
19	Fetal and Early Postnatal Protein Malnutrition Cause Long-Term Changes in Rat Liver and Muscle Mitochondria. <i>Journal of Nutrition</i> , 2003, 133, 3085-3090.	1.3	99
20	C1q Tumor Necrosis Factor β -related Protein Isoform 5 Is Increased in Mitochondrial DNA-depleted Myocytes and Activates AMP-activated Protein Kinase. <i>Journal of Biological Chemistry</i> , 2009, 284, 27780-27789.	1.6	93
21	A rural-urban comparison of the characteristics of the metabolic syndrome by gender in Korea: The Korean Health and Genome Study (KHGS). <i>Journal of Endocrinological Investigation</i> , 2006, 29, 313-319.	1.8	90
22	Association of adiponectin and resistin with cardiovascular events in Korean patients with type 2 diabetes: The Korean atherosclerosis study (KAS). <i>Atherosclerosis</i> , 2008, 196, 398-404.	0.4	81
23	Lipid Profiles and Bone Mineral Density in Pre- and Postmenopausal Women in Korea. <i>Calcified Tissue International</i> , 2010, 87, 507-512.	1.5	80
24	Persistent organic pollutants, mitochondrial dysfunction, and metabolic syndrome. <i>Annals of the New York Academy of Sciences</i> , 2010, 1201, 166-176.	1.8	77
25	Genetic association study of adiponectin polymorphisms with risk of Type 2 diabetes mellitus in Korean population. <i>Diabetic Medicine</i> , 2005, 22, 569-575.	1.2	74
26	The effects of rosiglitazone and metformin on the plasma concentrations of resistin in patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2005, 54, 314-320.	1.5	72
27	Fulminant type 1 diabetes in Korea: high prevalence among patients with adult-onset type 1 diabetes. <i>Diabetologia</i> , 2007, 50, 2276-2279.	2.9	72
28	Polymorphisms of KCNJ11 (Kir6.2 gene) are associated with Type 2 diabetes and hypertension in the Korean population. <i>Diabetic Medicine</i> , 2007, 24, 178-186.	1.2	70
29	Control of Adipogenesis by the SUMO-Specific Protease SENP2. <i>Molecular and Cellular Biology</i> , 2010, 30, 2135-2146.	1.1	69
30	Polymorphisms in the leptin receptor (LEPR) putative association with obesity and T2DM. <i>Journal of Human Genetics</i> , 2006, 51, 85-91.	1.1	67
31	Enhanced mitochondrial biogenesis contributes to Wnt induced osteoblastic differentiation of C3H10T1/2 cells. <i>Bone</i> , 2010, 47, 140-150.	1.4	67
32	In vitro methylation of nuclear respiratory factor-1 binding site suppresses the promoter activity of mitochondrial transcription factor A. <i>Biochemical and Biophysical Research Communications</i> , 2004, 314, 118-122.	1.0	64
33	Mitochondrial metabolism and diabetes. <i>Journal of Diabetes Investigation</i> , 2010, 1, 161-169.	1.1	63
34	Effect of ginsam, a vinegar extract from <i>Panax ginseng</i> , on body weight and glucose homeostasis in an obese insulin-resistant rat model. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 8-15.	1.5	62
35	PPAR γ Gene Transfer Sustains Apoptosis, Inhibits Vascular Smooth Muscle Cell Proliferation, and Reduces Neointima Formation After Balloon Injury in Rats. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 808-813.	1.1	61
36	Betacellulin and nicotinamide sustain PDX1 expression and induce pancreatic β -cell differentiation in human embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 129-134.	1.0	61

#	ARTICLE	IF	CITATIONS
37	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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3142-3148.	1.8	60
38	The ginsenoside Rg3 has a stimulatory effect on insulin signaling in L6 myotubes. <i>Biochemical and Biophysical Research Communications</i> , 2009, 389, 70-73.	1.0	60
39	Influence of strain and age differences on the yields of porcine islet isolation: extremely high islet yields from SPF CMS miniature pigs. <i>Xenotransplantation</i> , 2007, 14, 60-66.	1.6	59
40	Serum fibroblast growth factor-21 concentration is associated with residual renal function and insulin resistance in end-stage renal disease patients receiving long-term peritoneal dialysis. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 1656-1662.	1.5	59
41	Differential Expression of Vitreous Proteins in Proliferative Diabetic Retinopathy. <i>Current Eye Research</i> , 2006, 31, 231-240.	0.7	49
42	Gene Expression Pattern in Transmitochondrial Cytoplasmic Hybrid Cells Harboring Type 2 Diabetes-Associated Mitochondrial DNA Haplogroups. <i>PLoS ONE</i> , 2011, 6, e22116.	1.1	49
43	Mitochondrial dysfunction and metabolic syndrome—looking for environmental factors. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 282-289.	1.1	48
44	Pericardial Fat Amount Is an Independent Risk Factor of Coronary Artery Stenosis Assessed by Multidetector Row Computed Tomography: The Korean Atherosclerosis Study 2. <i>Obesity</i> , 2011, 19, 1028-1034.	1.5	48
45	Serum aryl hydrocarbon receptor ligand activity is associated with insulin resistance and resulting type 2 diabetes. <i>Acta Diabetologica</i> , 2015, 52, 489-495.	1.2	48
46	Changes in Hepatic Gene Expression upon Oral Administration of Taurine-Conjugated Ursodeoxycholic Acid in ob/ob Mice. <i>PLoS ONE</i> , 2010, 5, e13858.	1.1	47
47	High Incidence of Tacrolimus-Associated Posttransplantation Diabetes in the Korean Renal Allograft Recipients According to American Diabetes Association Criteria. <i>Diabetes Care</i> , 2003, 26, 1123-1128.	4.3	46
48	Changes of Mitochondrial DNA Content in the Male Offspring of Protein-Malnourished Rats. <i>Annals of the New York Academy of Sciences</i> , 2004, 1011, 205-216.	1.8	46
49	Early Changes in Biochemical Markers of Bone Turnover Predict Bone Mineral Density Response to Antiresorptive Therapy in Korean Postmenopausal Women with Osteoporosis. <i>Endocrine Journal</i> , 2005, 52, 667-674.	0.7	46
50	Mitochondria-Based Model for Fetal Origin of Adult Disease and Insulin Resistance. <i>Annals of the New York Academy of Sciences</i> , 2005, 1042, 1-18.	1.8	46
51	Changes in Epitopes for Thyroid-Stimulating Antibodies in Graves' Disease Sera During Treatment of Hyperthyroidism: Therapeutic Implications I. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 1953-1959.	1.8	45
52	Rapidly increasing diabetes-related mortality with socio-environmental changes in South Korea during the last two decades. <i>Diabetes Research and Clinical Practice</i> , 2006, 74, 295-300.	1.1	45
53	Polymorphisms in the Ghrelin Gene Are Associated with Serum High-Density Lipoprotein Cholesterol Level and not with Type 2 Diabetes Mellitus in Koreans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 4657-4663.	1.8	45
54	Differential Proteome Profiling Using iTRAQ in Microalbuminuric and Normoalbuminuric Type 2 Diabetic Patients. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-31.	3.8	45

#	ARTICLE	IF	CITATIONS
55	Genetic polymorphisms in peroxisome proliferator-activated receptor gamma are associated with Type 2 diabetes mellitus and obesity in the Korean population. <i>Diabetic Medicine</i> , 2005, 22, 1161-1166.	1.2	44
56	Synthesis and PPAR- γ . Ligand-Binding Activity of the New Series of 2'-Hydroxychalcone and Thiazolidinedione Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2006, 54, 368-371.	0.6	44
57	Gender Differences in Diagnostic Values of Visceral Fat Area and Waist Circumference for Predicting Metabolic Syndrome in Koreans. <i>Journal of Korean Medical Science</i> , 2011, 26, 906.	1.1	44
58	C-reactive protein level as an independent risk factor of metabolic syndrome in the Korean population. <i>Diabetes Research and Clinical Practice</i> , 2005, 70, 126-133.	1.1	43
59	Genetic factors related to mitochondrial function and risk of diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2007, 77, S172-S177.	1.1	41
60	Effects of Aerobic Exercise Training on C1q Tumor Necrosis Factor β -Related Protein Isoform 5 (Myonectin): Association with Insulin Resistance and Mitochondrial DNA Density in Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E88-E93.	1.8	41
61	Novel cell-based assay reveals associations of circulating serum AhR ligands with metabolic syndrome and mitochondrial dysfunction. <i>BioFactors</i> , 2013, 39, 494-504.	2.6	41
62	Neck Circumference and Incidence of Diabetes Mellitus over 10 Years in the Korean Genome and Epidemiology Study (KoGES). <i>Scientific Reports</i> , 2015, 5, 18565.	1.6	41
63	Peroxisome proliferator-activated receptor gamma coactivator 1 alpha promoter polymorphisms are associated with early-onset type 2 diabetes mellitus in the Korean population. <i>Diabetologia</i> , 2005, 48, 1323-1330.	2.9	40
64	Visceral Fatness and Insulin Sensitivity in Women With a Previous History of Gestational Diabetes Mellitus. <i>Diabetes Care</i> , 2007, 30, 348-353.	4.3	40
65	Uppsala Consensus Statement on Environmental Contaminants and the Global Obesity Epidemic. <i>Environmental Health Perspectives</i> , 2016, 124, A81-3.	2.8	39
66	Characterization of the 5'-flanking region of the rat gene for mitochondrial transcription factor A (Tfam). <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002, 1574, 200-204.	2.4	36
67	SLC12A3 (Solute Carrier Family 12 Member [Sodium/Chloride] 3) Polymorphisms Are Associated With End-Stage Renal Disease in Diabetic Nephropathy. <i>Diabetes</i> , 2006, 55, 843-848.	0.3	36
68	Effect of exercise on the mitochondrial DNA content of peripheral blood in healthy women. <i>European Journal of Applied Physiology</i> , 2000, 82, 407-412.	1.2	35
69	Increasing Trend in the Number of Severe Hypoglycemia Patients in Korea. <i>Diabetes and Metabolism Journal</i> , 2011, 35, 166.	1.8	33
70	The role of mitochondrial DNA in the development of type 2 diabetes caused by fetal malnutrition. <i>Journal of Nutritional Biochemistry</i> , 2005, 16, 195-204.	1.9	32
71	Peroxisome proliferator-activated receptor gamma mediated inhibition of plasminogen activator inhibitor type 1 production and proliferation of human umbilical vein endothelial cells. <i>Diabetes Research and Clinical Practice</i> , 2003, 62, 1-8.	1.1	28
72	The relationship between body fat and C-reactive protein in middle-aged Korean population. <i>Atherosclerosis</i> , 2006, 184, 171-177.	0.4	28

#	ARTICLE	IF	CITATIONS
73	Taurine supplementation restored the changes in pancreatic islet mitochondria in the fetal protein-malnourished rat. <i>British Journal of Nutrition</i> , 2011, 106, 1198-1206.	1.2	28
74	Sp1 mediates repression of the resistin gene by PPAR β agonists in 3T3-L1 adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 253-258.	1.0	27
75	Effect of a peroxisome proliferator-activated receptor β sumoylation mutant on neointimal formation after balloon injury in rats. <i>Atherosclerosis</i> , 2009, 206, 411-417.	0.4	25
76	Prevalence and Clinical Characteristics of Recently Diagnosed Type 2 Diabetes Patients with Positive Anti-Glutamic Acid Decarboxylase Antibody. <i>Diabetes and Metabolism Journal</i> , 2012, 36, 136.	1.8	25
77	Serum arylhydrocarbon receptor transactivating activity is elevated in type 2 diabetic patients with diabetic nephropathy. <i>Journal of Diabetes Investigation</i> , 2013, 4, 483-491.	1.1	25
78	Metabolic syndrome and the environmental pollutants from mitochondrial perspectives. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2014, 15, 253-262.	2.6	25
79	Childhood obesity and endocrine disrupting chemicals. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2017, 22, 219-225.	0.8	25
80	Peripheral blood mitochondrial DNA content is inversely correlated with insulin secretion during hyperglycemic clamp studies in healthy young men. <i>Diabetes Research and Clinical Practice</i> , 2001, 52, 97-102.	1.1	24
81	Association of polymorphisms in the insulin-degrading enzyme gene with type 2 diabetes in the Korean population. <i>Diabetes Research and Clinical Practice</i> , 2008, 79, 284-290.	1.1	24
82	Mitochondrial Dysfunction and Insulin Resistance: The Contribution of Dioxin-Like Substances. <i>Diabetes and Metabolism Journal</i> , 2011, 35, 207.	1.8	24
83	Genetic variations in the leptin and leptin receptor genes are associated with type 2 diabetes mellitus and metabolic traits in the Korean female population. <i>Clinical Genetics</i> , 2008, 74, 105-115.	1.0	22
84	Activation of PPAR β negatively regulates O-GlcNAcylation of Sp1. <i>Biochemical and Biophysical Research Communications</i> , 2008, 372, 713-718.	1.0	22
85	A report on the diagnosis of intermediate hyperglycemia in Korea: A pooled analysis of four community-based cohort studies. <i>Diabetes Research and Clinical Practice</i> , 2008, 80, 463-468.	1.1	21
86	Fracture Incidence and Risk of Osteoporosis in Female Type 2 Diabetic Patients in Korea. <i>Diabetes and Metabolism Journal</i> , 2012, 36, 144.	1.8	21
87	Evidence that the mitochondrial genome is the thrifty genome. <i>Diabetes Research and Clinical Practice</i> , 1999, 45, 127-135.	1.1	20
88	Association between polymorphisms in the nuclear respiratory factor 1 gene and type 2 diabetes mellitus in the Korean population. <i>Diabetologia</i> , 2005, 48, 2033-2038.	2.9	18
89	S-Adenosyl-L-Methionine Increases Skeletal Muscle Mitochondrial DNA Density and Whole Body Insulin Sensitivity in OLETF Rats. <i>Journal of Nutrition</i> , 2007, 137, 339-344.	1.3	18
90	S-Adenosyl-L-methionine ameliorates TNF α -induced insulin resistance in 3T3-L1 adipocytes. <i>Experimental and Molecular Medicine</i> , 2010, 42, 345.	3.2	18

#	ARTICLE	IF	CITATIONS
91	Peripheral blood mitochondrial DNA content correlates with lipid oxidation rate during euglycemic clamps in healthy young men. <i>Diabetes Research and Clinical Practice</i> , 1999, 46, 149-154.	1.1	17
92	Mitochondrial DNA copy number augments performance of A1C and oral glucose tolerance testing in the prediction of type 2 diabetes. <i>Scientific Reports</i> , 2017, 7, 43203.	1.6	17
93	Cerebral white matter hyperintensity is mainly associated with hypertension among the components of metabolic syndrome in Koreans. <i>Clinical Endocrinology</i> , 2009, 71, 184-188.	1.2	16
94	Vitamin C Nutriture in Newly Diagnosed Diabetes. <i>Journal of Nutritional Science and Vitaminology</i> , 2010, 56, 217-221.	0.2	16
95	Familial Young-Onset Diabetes, Pre-Diabetes and Cardiovascular Disease Are Associated with Genetic Variants of DACH1 in Chinese. <i>PLoS ONE</i> , 2014, 9, e84770.	1.1	16
96	Relationships between serum-induced AhR bioactivity or mitochondrial inhibition and circulating polychlorinated biphenyls (PCBs). <i>Scientific Reports</i> , 2017, 7, 9383.	1.6	15
97	Regulatory Effect of Common Promoter Polymorphisms on the Expression of the β -Hydroxysteroid Dehydrogenase Type 1 Gene. <i>Hormone Research in Paediatrics</i> , 2009, 72, 25-32.	0.8	14
98	Acylated Ghrelin Secretion Is Acutely Suppressed by Oral Glucose Load or Insulin-Induced Hypoglycemia Independently of Basal Growth Hormone Secretion in Humans. <i>Hormone Research in Paediatrics</i> , 2007, 67, 211-219.	0.8	13
99	Predictive Factors Associated with the Reversibility of Post-transplantation Diabetes Mellitus Following Liver Transplantation. <i>Journal of Korean Medical Science</i> , 2009, 24, 567.	1.1	13
100	Changes of Mitochondrial DNA Content in the Male Offspring of Protein-Malnourished Rats. , 2004, 1011, 205-216.		13
101	Proteomic analysis of cellular change involved in mitochondria-to-nucleus communication in L6GLUT4myc myocytes. <i>Proteomics</i> , 2006, 6, 1210-1222.	1.3	12
102	Common promoter polymorphism in monocyte differentiation antigen CD14 is associated with serum triglyceride levels and body mass index in non-diabetic individuals. <i>Diabetic Medicine</i> , 2006, 23, 72-76.	1.2	12
103	Autoantibodies against aminoacyl-tRNA synthetase: novel diagnostic marker for type 1 diabetes mellitus. <i>Biomarkers</i> , 2010, 15, 358-366.	0.9	12
104	Identification of a genetic locus on chromosome 4q34-35 for type 2 diabetes with overweight. <i>Experimental and Molecular Medicine</i> , 2013, 45, e7-e7.	3.2	12
105	Clinical Significance of Classification of Graves` Disease According to the Characteristics of TSH receptor Antibodies. <i>Korean Journal of Internal Medicine</i> , 2001, 16, 187-200.	0.7	12
106	Transient Neonatal Hypothyroidism Due to Transplacental Transfer of Maternal Immunoglobulins that Inhibit TSH Binding, TSH-Induced cAMP Increase and Cell Growth.. <i>Endocrinologia Japonica</i> , 1988, 35, 819-826.	0.5	10
107	Method of proof and evidences for the concept that mitochondrial genome is a thrifty genome. <i>Diabetes Research and Clinical Practice</i> , 2001, 54, S57-S63.	1.1	10
108	Relationship between various surrogate indices of insulin resistance and mitochondrial DNA content in the peripheral blood of 18 healthy volunteers. <i>Mitochondrion</i> , 2001, 1, 71-77.	1.6	9

#	ARTICLE	IF	CITATIONS
109	Serum biomarkers from cell-based assays for AhRL and MIS strongly predicted the future development of diabetes in a large community-based prospective study in Korea. <i>Scientific Reports</i> , 2020, 10, 6339.	1.6	9
110	The Association between Pulmonary Functions and Incident Diabetes: Longitudinal Analysis from the Ansung Cohort in Korea. <i>Diabetes and Metabolism Journal</i> , 2020, 44, 699-710.	1.8	9
111	A Case Showing Complete Insulin Independence After Severe Diabetic Ketoacidosis Associated With Tacrolimus Treatment. <i>Diabetes Care</i> , 2002, 25, 1664-1664.	4.3	8
112	Extension of the mitochondria dysfunction hypothesis of metabolic syndrome to atherosclerosis with emphasis on the endocrine-disrupting chemicals and biophysical laws. <i>Journal of Diabetes Investigation</i> , 2013, 4, 19-33.	1.1	8
113	Effect of Dialysis on Aryl Hydrocarbon Receptor Transactivating Activity in Patients with Chronic Kidney Disease. <i>Yonsei Medical Journal</i> , 2020, 61, 56.	0.9	8
114	Clinical Characteristics for 132 Patients with Adrenal Incidentaloma. <i>Journal of Korean Endocrine Society</i> , 2007, 22, 260.	0.1	8
115	A Cooperative Metabolic Syndrome Estimation With High Precision Sensing Unit. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 809-813.	2.5	7
116	Metformin as an anticancer drug: A Commentary on the metabolic determinants of cancer cell sensitivity to glucose limitation and biguanides. <i>Journal of Diabetes Investigation</i> , 2015, 6, 516-518.	1.1	7
117	Genetic Associations of Type 2 Diabetes with Islet Amyloid Polypeptide Processing and Degrading Pathways in Asian Populations. <i>PLoS ONE</i> , 2013, 8, e62378.	1.1	7
118	Comparison of Glucose Tolerance Categories in the Korean Population According to World Health Organization and American Diabetes Association Diagnostic Criteria. <i>Korean Journal of Internal Medicine</i> , 2000, 15, 37-41.	0.7	7
119	Plasma Glucose Regulation and Mortality in Korea: A Pooled Analysis of Three Community-Based Cohort Studies. <i>Diabetes and Metabolism Journal</i> , 2014, 38, 44.	1.8	6
120	Microarray Analysis of Thyroid Stimulating Hormone, Insulin-Like Growth Factor-1, and Insulin-Induced Gene Expression in FRTL-5 Thyroid Cells. <i>Journal of Korean Medical Science</i> , 2007, 22, 883.	1.1	5
121	Role of Blocking TSH Receptor Antibodies on the Development of Hypothyroidism and Thyroid Atrophy in Primary Myxedema. <i>Korean Journal of Internal Medicine</i> , 1989, 4, 108-118.	0.7	5
122	The effect of glucocorticoid on 125I-insulin binding to human erythrocytes Possible postreceptor modulation of receptor binding. <i>Diabetes Research and Clinical Practice</i> , 1985, 1, 211-220.	1.1	4
123	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. <i>Diabetes Research and Clinical Practice</i> , 2009, 83, 44-49.	1.1	4
124	Effect of the combination of mitglinide and metformin on glycemic control in patients with type 2 diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2010, 1, 143-148.	1.1	4
125	Persistent organic pollutants and epidemic of diabetes and metabolic syndrome. <i>Journal of Diabetes Investigation</i> , 2010, 1, 121-122.	1.1	4
126	Overview. <i>Annals of the New York Academy of Sciences</i> , 2004, 1011, 1-6.	1.8	3

#	ARTICLE	IF	CITATIONS
127	Cardiorenal protective effect of sodium-glucose cotransporter-2 inhibitors and mitochondrial function. <i>Journal of Diabetes Investigation</i> , 2019, 10, 557-559.	1.1	3
128	Fatty acid overload to compromised oxidative phosphorylation activates inflammation in type-2 diabetes: Hidden beasts and how to find them. <i>Journal of Diabetes Investigation</i> , 2020, 11, 290-293.	1.1	3
129	An Interactive Online App for Predicting Diabetes via Machine Learning from Environment-Polluting Chemical Exposure Data. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5800.	1.2	3
130	High Serum-Induced AhRL Is Associated with Prevalent Metabolic Syndrome and Future Impairment of Glucose Tolerance in the Elderly. <i>Endocrinology and Metabolism</i> , 2021, 36, 436-446.	1.3	2
131	Correlation between total air pollutant emissions and incidence of type 1 diabetes in the Russian Federation. <i>Clinical and Experimental Pediatrics</i> , 2021, 64, 525-530.	0.9	2
132	Polymorphisms of the <i>Reg11±</i> Gene and Early Onset Type 2 Diabetes in the Korean Population. <i>Korean Diabetes Journal</i> , 2010, 34, 229.	0.8	1
133	Mitochondria in Diabetes Mellitus. <i>Oxidative Stress and Disease</i> , 2005, , 377-454.	0.3	1
134	Roles of Na and Cl ions in Basal and Angiotensin 2-Stimulated Aldosterone Secretion in Vitro by Bovine Adrenal Glomerulosa Cells. <i>Korean Journal of Internal Medicine</i> , 1988, 3, 95-102.	0.7	1
135	Clinical Value of Serum Mitochondria-Inhibiting Substances in Assessing Renal Hazards: A Community-Based Prospective Study in Korea. <i>Endocrinology and Metabolism</i> , 2021, , .	1.3	1
136	HLA and Insulin-Dependent Diabetes Mellitus in Koreans. <i>Korean Journal of Internal Medicine</i> , 1987, 2, 135-140.	0.7	1
137	Trends of cardiovascular diseases among Koreans. <i>International Congress Series</i> , 2004, 1262, 438-441.	0.2	0
138	Kepler-based collaborative workflow system for metabolic syndrome estimation. , 2010, , .		0
139	Advances around technologies investigating mitochondrial function and insights gained by their applications. <i>Journal of Diabetes Investigation</i> , 2014, 5, 144-146.	1.1	0
140	RFLP Analysis of HLA-DR12 and -DQ12 Genes in the Korean Patients with Insulin-Dependent Diabetes Mellitus. <i>Korean Journal of Internal Medicine</i> , 1989, 4, 1-9.	0.7	0
141	On the Use of Neural Networks for the Risk Factor Analysis of NIDDM. <i>Journal of Korean Society of Medical Informatics</i> , 1998, 4, 127.	0.3	0
142	The Association between Pulmonary Functions and Incident Diabetes: Longitudinal Analysis from the Ansong Cohort in Korea (<i>Diabetes Metab J</i> 2020;44: 699-710). <i>Diabetes and Metabolism Journal</i> , 2020, 44, 944-945.	1.8	0
143	Analyses of RBC Insulin Receptor Bindings in Chronic Liver Disease. <i>Korean Journal of Internal Medicine</i> , 1986, 1, 140-145.	0.7	0