

# Kyong-Soo Park

## List of Publications by Citations

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464  
papers

22,466  
citations

72  
h-index

132  
g-index

480  
ext. papers

27,665  
ext. citations

6.6  
avg, IF

6.39  
L-index

#	Paper	IF	Citations
464	The mutational constraint spectrum quantified from variation in 141,456 humans. <i>Nature</i> , <b>2020</b> , 581, 434-443	50.4	2278
463	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , <b>2014</b> , 46, 234-44	36.3	784
462	The genetic architecture of type 2 diabetes. <i>Nature</i> , <b>2016</b> , 536, 41-47	50.4	704
461	Variants in KCNQ1 are associated with susceptibility to type 2 diabetes mellitus. <i>Nature Genetics</i> , <b>2008</b> , 40, 1092-7	36.3	598
460	Meta-analysis of genome-wide association studies identifies eight new loci for type 2 diabetes in east Asians. <i>Nature Genetics</i> , <b>2011</b> , 44, 67-72	36.3	475
459	Increasing prevalence of metabolic syndrome in Korea: the Korean National Health and Nutrition Examination Survey for 1998-2007. <i>Diabetes Care</i> , <b>2011</b> , 34, 1323-8	14.6	459
458	Sarcopenic obesity: prevalence and association with metabolic syndrome in the Korean Longitudinal Study on Health and Aging (KLoSHA). <i>Diabetes Care</i> , <b>2010</b> , 33, 1652-4	14.6	385
457	Dynamic changes in mitochondrial biogenesis and antioxidant enzymes during the spontaneous differentiation of human embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 348, 1472-8	3.4	368
456	Plasma retinol-binding protein-4 concentrations are elevated in human subjects with impaired glucose tolerance and type 2 diabetes. <i>Diabetes Care</i> , <b>2006</b> , 29, 2457-61	14.6	333
455	Implication of genetic variants near TCF7L2, SLC30A8, HHEX, CDKAL1, CDKN2A/B, IGF2BP2, and FTO in type 2 diabetes and obesity in 6,719 Asians. <i>Diabetes</i> , <b>2008</b> , 57, 2226-33	0.9	291
454	Differences in the glucose-lowering efficacy of dipeptidyl peptidase-4 inhibitors between Asians and non-Asians: a systematic review and meta-analysis. <i>Diabetologia</i> , <b>2013</b> , 56, 696-708	10.3	282
453	The N-end rule pathway. <i>Annual Review of Biochemistry</i> , <b>2012</b> , 81, 261-89	29.1	263
452	A genome-wide association study in the Japanese population identifies susceptibility loci for type 2 diabetes at UBE2E2 and C2CD4A-C2CD4B. <i>Nature Genetics</i> , <b>2010</b> , 42, 864-8	36.3	214
451	Resistin is secreted from macrophages in atheromas and promotes atherosclerosis. <i>Cardiovascular Research</i> , <b>2006</b> , 69, 76-85	9.9	184
450	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> , <b>2004</b> , 89, 150-6	5.6	179
449	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> , <b>2009</b> , 52, 253-61	10.3	177
448	Activation of peroxisome proliferator-activated receptor-gamma inhibits the Runx2-mediated transcription of osteocalcin in osteoblasts. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 23270-7	5.4	176

447	The mitogenic and antiapoptotic actions of ghrelin in 3T3-L1 adipocytes. <i>Molecular Endocrinology</i> , <b>2004</b> , 18, 2291-301		175
446	Mitochondrial haplogroup N9a confers resistance against type 2 diabetes in Asians. <i>American Journal of Human Genetics</i> , <b>2007</b> , 80, 407-15	11	172
445	A genome-wide association study of gestational diabetes mellitus in Korean women. <i>Diabetes</i> , <b>2012</b> , 61, 531-41	0.9	169
444	Decreased mitochondrial DNA content in peripheral blood precedes the development of non-insulin-dependent diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , <b>1998</b> , 42, 161-7	7.4	167
443	Magnetosome-like ferrimagnetic iron oxide nanocubes for highly sensitive MRI of single cells and transplanted pancreatic islets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 2662-7	11.5	166
442	Ghrelin stimulates proliferation and differentiation and inhibits apoptosis in osteoblastic MC3T3-E1 cells. <i>Bone</i> , <b>2005</b> , 37, 359-69	4.7	162
441	Multifactor-dimensionality reduction shows a two-locus interaction associated with Type 2 diabetes mellitus. <i>Diabetologia</i> , <b>2004</b> , 47, 549-554	10.3	161
440	Relationship between serum adiponectin and leptin concentrations and body fat distribution. <i>Diabetes Research and Clinical Practice</i> , <b>2004</b> , 63, 135-42	7.4	157
439	Chronic exposure to the herbicide, atrazine, causes mitochondrial dysfunction and insulin resistance. <i>PLoS ONE</i> , <b>2009</b> , 4, e5186	3.7	150
438	Improved glycemic control without hypoglycemia in elderly diabetic patients using the ubiquitous healthcare service, a new medical information system. <i>Diabetes Care</i> , <b>2011</b> , 34, 308-13	14.6	140
437	The beneficial effects of empagliflozin, an SGLT2 inhibitor, on atherosclerosis in ApoE mice fed a western diet. <i>Diabetologia</i> , <b>2017</b> , 60, 364-376	10.3	137
436	A systems approach for decoding mitochondrial retrograde signaling pathways. <i>Science Signaling</i> , <b>2013</b> , 6, rs4	8.8	134
435	Dysregulation of adipose glutathione peroxidase 3 in obesity contributes to local and systemic oxidative stress. <i>Molecular Endocrinology</i> , <b>2008</b> , 22, 2176-89		133
434	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , <b>2019</b> , 570, 71-76	50.4	129
433	Bisphenol A impairs mitochondrial function in the liver at doses below the no observed adverse effect level. <i>Journal of Korean Medical Science</i> , <b>2012</b> , 27, 644-52	4.7	126
432	2019 Clinical Practice Guidelines for Type 2 Diabetes Mellitus in Korea. <i>Diabetes and Metabolism Journal</i> , <b>2019</b> , 43, 398-406	5	124
431	Obesity-induced DNA hypermethylation of the adiponectin gene mediates insulin resistance. <i>Nature Communications</i> , <b>2015</b> , 6, 7585	17.4	123
430	Android fat depot is more closely associated with metabolic syndrome than abdominal visceral fat in elderly people. <i>PLoS ONE</i> , <b>2011</b> , 6, e27694	3.7	123

429	Changes in ghrelin and ghrelin receptor expression according to feeding status. <i>NeuroReport</i> , <b>2003</b> , 14, 1317-1320	1.7	118
428	Sarcopenia: an independent predictor of mortality in community-dwelling older Korean men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 1244-52	6.4	116
427	Glutathione peroxidase 3 mediates the antioxidant effect of peroxisome proliferator-activated receptor gamma in human skeletal muscle cells. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 20-30	4.8	116
426	Mesenchymal stem cells transfer mitochondria to the cells with virtually no mitochondrial function but not with pathogenic mtDNA mutations. <i>PLoS ONE</i> , <b>2012</b> , 7, e32778	3.7	113
425	Common genetic polymorphisms in the promoter of resistin gene are major determinants of plasma resistin concentrations in humans. <i>Diabetologia</i> , <b>2004</b> , 47, 559-565	10.3	113
424	Differences in the HbA1c-lowering efficacy of glucagon-like peptide-1 analogues between Asians and non-Asians: a systematic review and meta-analysis. <i>Diabetes, Obesity and Metabolism</i> , <b>2014</b> , 16, 900-907	6.7	112
423	Peripheral blood mitochondrial DNA content is related to insulin sensitivity in offspring of type 2 diabetic patients. <i>Diabetes Care</i> , <b>2001</b> , 24, 865-9	14.6	111
422	10-year trajectory of $\beta$ -cell function and insulin sensitivity in the development of type 2 diabetes: a community-based prospective cohort study. <i>Lancet Diabetes and Endocrinology</i> , <b>2016</b> , 4, 27-34	18.1	106
421	Glycogen synthase activity is reduced in cultured skeletal muscle cells of non-insulin-dependent diabetes mellitus subjects. Biochemical and molecular mechanisms. <i>Journal of Clinical Investigation</i> , <b>1996</b> , 98, 1231-6	15.9	106
420	Genetic alterations of JAK/STAT cascade and histone modification in extranodal NK/T-cell lymphoma nasal type. <i>Oncotarget</i> , <b>2015</b> , 6, 17764-76	3.3	104
419	MG53-induced IRS-1 ubiquitination negatively regulates skeletal myogenesis and insulin signalling. <i>Nature Communications</i> , <b>2013</b> , 4, 2354	17.4	102
418	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. <i>Nature Communications</i> , <b>2016</b> , 7, 10531	17.4	99
417	Serum 8-hydroxy-guanine levels are increased in diabetic patients. <i>Diabetes Care</i> , <b>2001</b> , 24, 733-7	14.6	99
416	Association of vitamin D deficiency with incidence of type 2 diabetes in high-risk Asian subjects. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 97, 524-30	7	96
415	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> , <b>2008</b> , 93, 2263-8	5.6	93
414	Recent progress in genetic and epigenetic research on type 2 diabetes. <i>Experimental and Molecular Medicine</i> , <b>2016</b> , 48, e220	12.8	92
413	A mitochondrial DNA variant at position 16189 is associated with type 2 diabetes mellitus in Asians. <i>Diabetologia</i> , <b>2008</b> , 51, 602-8	10.3	90
412	Identification of type 2 diabetes loci in 433,540 East Asian individuals. <i>Nature</i> , <b>2020</b> , 582, 240-245	50.4	89

411	Fetal and early postnatal protein malnutrition cause long-term changes in rat liver and muscle mitochondria. <i>Journal of Nutrition</i> , <b>2003</b> , 133, 3085-90	4.1	83
410	Intra-abdominal fat is associated with decreased insulin sensitivity in healthy young men. <i>Metabolism: Clinical and Experimental</i> , <b>1991</b> , 40, 600-3	12.7	83
409	Lysophosphatidylcholine activates adipocyte glucose uptake and lowers blood glucose levels in murine models of diabetes. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 33833-40	5.4	82
408	Troglitazone effects on gene expression in human skeletal muscle of type II diabetes involve up-regulation of peroxisome proliferator-activated receptor-gamma. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 2830-5	5.6	82
407	Changes in the characteristics of metabolic syndrome in Korea over the period 1998-2001 as determined by Korean National Health and Nutrition Examination Surveys. <i>Diabetes Care</i> , <b>2005</b> , 28, 1810-2	14.6	80
406	Effects of insulin and antioxidant on plasma 8-hydroxyguanine and tissue 8-hydroxydeoxyguanosine in streptozotocin-induced diabetic rats. <i>Diabetes</i> , <b>2001</b> , 50, 2837-41	0.9	80
405	C1q tumor necrosis factor alpha-related protein isoform 5 is increased in mitochondrial DNA-depleted myocytes and activates AMP-activated protein kinase. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 27780-27789	5.4	79
404	Profiling of vitreous proteomes from proliferative diabetic retinopathy and nondiabetic patients. <i>Proteomics</i> , <b>2007</b> , 7, 4203-15	4.8	79
403	2015 Korean Guidelines for the Management of Dyslipidemia: Executive Summary (English Translation). <i>Korean Circulation Journal</i> , <b>2016</b> , 46, 275-306	2.2	79
402	A C/T polymorphism in the 5' untranslated region of the CD40 gene is associated with Graves disease in Koreans. <i>Thyroid</i> , <b>2003</b> , 13, 919-25	6.2	78
401	Metformin-induced inhibition of the mitochondrial respiratory chain increases FGF21 expression via ATF4 activation. <i>Biochemical and Biophysical Research Communications</i> , <b>2013</b> , 440, 76-81	3.4	77
400	Genetic polymorphisms in peroxisome proliferator-activated receptor delta associated with obesity. <i>Diabetes</i> , <b>2004</b> , 53, 847-51	0.9	77
399	Changes in ghrelin and ghrelin receptor expression according to feeding status. <i>NeuroReport</i> , <b>2003</b> , 14, 1317-20	1.7	77
398	PPAR- $\gamma$ activation increases insulin secretion through the up-regulation of the free fatty acid receptor GPR40 in pancreatic $\beta$ cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e50128	3.7	74
397	Clinical and genetic risk factors for type 2 diabetes at early or late post partum after gestational diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, E744-52	5.6	73
396	A single nucleotide polymorphism within the acetyl-coenzyme A carboxylase beta gene is associated with proteinuria in patients with type 2 diabetes. <i>PLoS Genetics</i> , <b>2010</b> , 6, e1000842	6	73
395	Tauroursodeoxycholate (TUDCA), chemical chaperone, enhances function of islets by reducing ER stress. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 397, 735-9	3.4	72
394	Association of adiponectin and resistin with cardiovascular events in Korean patients with type 2 diabetes: the Korean atherosclerosis study (KAS): a 42-month prospective study. <i>Atherosclerosis</i> , <b>2008</b> , 196, 398-404	3.1	72

393	Troglitazone Effects on Gene Expression in Human Skeletal Muscle of Type II Diabetes Involve Up-Regulation of Peroxisome Proliferator-Activated Receptor- $\alpha$ <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 2830-2835	5.6	72
392	Persistent organic pollutants, mitochondrial dysfunction, and metabolic syndrome. <i>Annals of the New York Academy of Sciences</i> , <b>2010</b> , 1201, 166-76	6.5	71
391	Lower bone mineral density is associated with higher coronary calcification and coronary plaque burdens by multidetector row coronary computed tomography in pre- and postmenopausal women. <i>Clinical Endocrinology</i> , <b>2009</b> , 71, 644-51	3.4	71
390	Silent corticotroph adenomas have unique recurrence characteristics compared with other nonfunctioning pituitary adenomas. <i>Clinical Endocrinology</i> , <b>2010</b> , 72, 648-53	3.4	68
389	Multifactorial intervention in diabetes care using real-time monitoring and tailored feedback in type 2 diabetes. <i>Acta Diabetologica</i> , <b>2016</b> , 53, 189-98	3.9	66
388	Comparison between sitagliptin as add-on therapy to insulin and insulin dose-increase therapy in uncontrolled Korean type 2 diabetes: CSI study. <i>Diabetes, Obesity and Metabolism</i> , <b>2012</b> , 14, 795-802	6.7	66
387	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> , <b>2005</b> , 54, 314-20	12.7	66
386	Long-term oral exposure to bisphenol A induces glucose intolerance and insulin resistance. <i>Journal of Endocrinology</i> , <b>2015</b> , 226, 35-42	4.7	65
385	Hemoglobin A1c as a diagnostic tool for diabetes screening and new-onset diabetes prediction: a 6-year community-based prospective study. <i>Diabetes Care</i> , <b>2011</b> , 34, 944-9	14.6	65
384	Diabetes Fact Sheets in Korea, 2018: An Appraisal of Current Status. <i>Diabetes and Metabolism Journal</i> , <b>2019</b> , 43, 487-494	5	65
383	Vitamin D inadequacy is associated with significant coronary artery stenosis in a community-based elderly cohort: the Korean Longitudinal Study on Health and Aging. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, 169-78	5.6	64
382	Hyperglycemia Is Associated with Impaired Muscle Quality in Older Men with Diabetes: The Korean Longitudinal Study on Health and Aging. <i>Diabetes and Metabolism Journal</i> , <b>2016</b> , 40, 140-6	5	64
381	Accumulation of autophagosomes contributes to enhanced amyloidogenic APP processing under insulin-resistant conditions. <i>Autophagy</i> , <b>2012</b> , 8, 1842-4	10.2	63
380	Genetic association study of adiponectin polymorphisms with risk of Type 2 diabetes mellitus in Korean population. <i>Diabetic Medicine</i> , <b>2005</b> , 22, 569-75	3.5	62
379	Fulminant type 1 diabetes in Korea: high prevalence among patients with adult-onset type 1 diabetes. <i>Diabetologia</i> , <b>2007</b> , 50, 2276-9	10.3	61
378	Vitamin K2 supplementation improves insulin sensitivity via osteocalcin metabolism: a placebo-controlled trial. <i>Diabetes Care</i> , <b>2011</b> , 34, e147	14.6	59
377	In Vivo Differentiation of Therapeutic Insulin-Producing Cells from Bone Marrow Cells via Extracellular Vesicle-Mimetic Nanovesicles. <i>ACS Nano</i> , <b>2015</b> , 9, 11718-27	16.7	58
376	Enhanced mitochondrial biogenesis contributes to Wnt induced osteoblastic differentiation of C3H10T1/2 cells. <i>Bone</i> , <b>2010</b> , 47, 140-50	4.7	58

375	Polymorphisms in the leptin receptor (LEPR)--putative association with obesity and T2DM. <i>Journal of Human Genetics</i> , <b>2006</b> , 51, 85-91	4.3	58
374	Comparison between two methods of bioelectrical impedance analyses for accuracy in measuring abdominal visceral fat area. <i>Journal of Diabetes and Its Complications</i> , <b>2016</b> , 30, 343-9	3.2	57
373	Polymorphisms of KCNJ11 (Kir6.2 gene) are associated with Type 2 diabetes and hypertension in the Korean population. <i>Diabetic Medicine</i> , <b>2007</b> , 24, 178-86	3.5	57
372	PPARgamma 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> , <b>2006</b> , 26, 808-13	9.4	57
371	Impaired fatty acid metabolism in type 2 diabetic skeletal muscle cells is reversed by PPARgamma agonists. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2005</b> , 289, E151-9	6	57
370	Altered APP processing in insulin-resistant conditions is mediated by autophagosome accumulation via the inhibition of mammalian target of rapamycin pathway. <i>Diabetes</i> , <b>2012</b> , 61, 3126-38	0.9	56
369	Endothelial progenitor cell cotransplantation enhances islet engraftment by rapid revascularization. <i>Diabetes</i> , <b>2012</b> , 61, 866-76	0.9	56
368	Regulation of glucose transport by ROCK1 differs from that of ROCK2 and is controlled by actin polymerization. <i>Endocrinology</i> , <b>2012</b> , 153, 1649-62	4.8	56
367	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> , <b>2008</b> , 93, 3142-8	5.6	56
366	Transcript expression-aware annotation improves rare variant interpretation. <i>Nature</i> , <b>2020</b> , 581, 452-458	0.4	55
365	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> , <b>2010</b> , 59, 1656-62	12.7	54
364	Betacellulin and nicotinamide sustain PDX1 expression and induce pancreatic beta-cell differentiation in human embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 366, 129-34	3.4	54
363	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> , <b>2007</b> , 14, 60-6	2.8	54
362	Troglitazone regulation of glucose metabolism in human skeletal muscle cultures from obese type II diabetic subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 1636-43	5.6	53
361	Differences in pancreatic volume, fat content, and fat density measured by multidetector-row computed tomography according to the duration of diabetes. <i>Acta Diabetologica</i> , <b>2014</b> , 51, 739-48	3.9	52
360	The ginsenoside Rg3 has a stimulatory effect on insulin signaling in L6 myotubes. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 389, 70-3	3.4	52
359	Effect of ginsam, a vinegar extract from Panax ginseng, on body weight and glucose homeostasis in an obese insulin-resistant rat model. <i>Metabolism: Clinical and Experimental</i> , <b>2009</b> , 58, 8-15	12.7	52
358	Control of adipogenesis by the SUMO-specific protease SENP2. <i>Molecular and Cellular Biology</i> , <b>2010</b> , 30, 2135-46	4.8	51

357	Serum FGF21 concentration is associated with hypertriglyceridaemia, hyperinsulinaemia and pericardial fat accumulation, independently of obesity, but not with current coronary artery status. <i>Clinical Endocrinology</i> , <b>2014</b> , 80, 57-64	3.4	49
356	Past and current obesity in Koreans with non-insulin-dependent diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , <b>1997</b> , 35, 49-56	7.4	47
355	Impaired muscle glycogen synthase in type 2 diabetes is associated with diminished phosphatidylinositol 3-kinase activation. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 4307-14	5.6	47
354	Genetics of type 2 diabetes in East Asian populations. <i>Current Diabetes Reports</i> , <b>2012</b> , 12, 686-96	5.6	46
353	Lipid profiles and bone mineral density in pre- and postmenopausal women in Korea. <i>Calcified Tissue International</i> , <b>2010</b> , 87, 507-12	3.9	46
352	Gene expression pattern in transmitochondrial cytoplasmic hybrid cells harboring type 2 diabetes-associated mitochondrial DNA haplogroups. <i>PLoS ONE</i> , <b>2011</b> , 6, e22116	3.7	46
351	A protein profile of visceral adipose tissues linked to early pathogenesis of type 2 diabetes mellitus. <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 811-22	7.6	45
350	Comparison of Abdominal Visceral Adipose Tissue Area Measured by Computed Tomography with That Estimated by Bioelectrical Impedance Analysis Method in Korean Subjects. <i>Nutrients</i> , <b>2015</b> , 7, 10513-24	6.7	45
349	Effect of a new PPAR-gamma agonist, lobeglitazone, on neointimal formation after balloon injury in rats and the development of atherosclerosis. <i>Atherosclerosis</i> , <b>2015</b> , 243, 107-19	3.1	44
348	Effect of seasonal changes on the transition between subclinical hypothyroid and euthyroid status. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, 3420-9	5.6	44
347	Changes in hepatic gene expression upon oral administration of taurine-conjugated ursodeoxycholic acid in ob/ob mice. <i>PLoS ONE</i> , <b>2010</b> , 5, e13858	3.7	44
346	Effect of a dipeptidyl peptidase-IV inhibitor, des-fluoro-sitagliptin, on neointimal formation after balloon injury in rats. <i>PLoS ONE</i> , <b>2012</b> , 7, e35007	3.7	42
345	Verification of biomarkers for diabetic retinopathy by multiple reaction monitoring. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 689-99	5.6	42
344	Differential expression of vitreous proteins in proliferative diabetic retinopathy. <i>Current Eye Research</i> , <b>2006</b> , 31, 231-40	2.9	42
343	Mitochondrial metabolism and diabetes. <i>Journal of Diabetes Investigation</i> , <b>2010</b> , 1, 161-9	3.9	41
342	Differential proteome profiling using iTRAQ in microalbuminuric and normoalbuminuric type 2 diabetic patients. <i>Experimental Diabetes Research</i> , <b>2012</b> , 2012, 168602		41
341	The prevalence of the mitochondrial DNA 16189 variant in non-diabetic Korean adults and its association with higher fasting glucose and body mass index. <i>Diabetic Medicine</i> , <b>2002</b> , 19, 681-4	3.5	41
340	Reproducibility of the cortisol response to stimulation with the low dose (1 microg) of ACTH. <i>Clinical Endocrinology</i> , <b>1999</b> , 51, 153-8	3.4	41



339	Body-Weight Fluctuation and Incident Diabetes Mellitus, Cardiovascular Disease, and Mortality: A 16-Year Prospective Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 639-646	5.6	41
338	Serum aryl hydrocarbon receptor ligand activity is associated with insulin resistance and resulting type 2 diabetes. <i>Acta Diabetologica</i> , <b>2015</b> , 52, 489-95	3.9	40
337	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> , <b>2011</b> , 19, 1028-34	8.4	40
336	Osteoblast-targeted overexpression of PPAR $\gamma$ inhibited bone mass gain in male mice and accelerated ovariectomy-induced bone loss in female mice. <i>Journal of Bone and Mineral Research</i> , <b>2011</b> , 26, 1939-52	6.3	40
335	Combined impact of adiponectin and retinol-binding protein 4 on metabolic syndrome in elderly people: the Korean Longitudinal Study on Health and Aging. <i>Obesity</i> , <b>2010</b> , 18, 826-32	8	40
334	Mitochondrial dysfunction and metabolic syndrome-looking for environmental factors. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2010</b> , 1800, 282-9	4	40
333	Fat in liver/muscle correlates more strongly with insulin sensitivity in rats than abdominal fat. <i>Obesity</i> , <b>2009</b> , 17, 188-95	8	40
332	Changes of Mitochondrial DNA Content in the Male Offspring of Protein-Malnourished Rats. <i>Annals of the New York Academy of Sciences</i> , <b>2004</b> , 1011, 205-216	6.5	40
331	High incidence of tacrolimus-associated posttransplantation diabetes in the Korean renal allograft recipients according to American Diabetes Association criteria. <i>Diabetes Care</i> , <b>2003</b> , 26, 1123-8	14.6	40
330	Troglitazone Regulation of Glucose Metabolism in Human Skeletal Muscle Cultures from Obese Type II Diabetic Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 1636-1643	5.6	40
329	PPAR $\gamma$ acetylation essential for adipogenesis is a potential target for treating obesity. <i>Cell Death and Differentiation</i> , <b>2016</b> , 23, 1296-311	12.7	39
328	Regulation of Wnt/ $\beta$ -catenin signaling by CCAAT/enhancer binding protein $\beta$ during adipogenesis. <i>Obesity</i> , <b>2012</b> , 20, 482-7	8	39
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192	Role of mitochondrial DNA variation in the pathogenesis of diabetes mellitus. <i>Frontiers in Bioscience - Landmark</i> , <b>2016</b> , 21, 1151-67	2.8	16
191	Impact of metabolic syndrome on the progression of coronary calcium and of coronary artery disease assessed by repeated cardiac computed tomography scans. <i>Cardiovascular Diabetology</i> , <b>2016</b> , 15, 92	8.7	16
190	A mitochondrial proteome profile indicative of type 2 diabetes mellitus in skeletal muscles. <i>Experimental and Molecular Medicine</i> , <b>2018</b> , 50, 1-14	12.8	16
189	Methylsulfonylmethane (MSM), an organosulfur compound, is effective against obesity-induced metabolic disorders in mice. <i>Metabolism: Clinical and Experimental</i> , <b>2016</b> , 65, 1508-21	12.7	15
188	Differential effects of trimetazidine on vascular smooth muscle cell and endothelial cell in response to carotid artery balloon injury in diabetic rats. <i>International Journal of Cardiology</i> , <b>2013</b> , 167, 126-33	3.2	15
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183	Mechanism for antioxidative effects of thiazolidinediones in pancreatic $\beta$ cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 301, E912-21	6	15
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181	Four-Year Durability of Initial Combination Therapy with Sitagliptin and Metformin in Patients with Type 2 Diabetes in Clinical Practice; COSMIC Study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129477	3.7	15
180	Comparison of pancreatic volume and fat amount linked with glucose homeostasis between healthy Caucasians and Koreans. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 2642-2652	6.7	15
179	Thigh muscle attenuation measured by computed tomography was associated with the risk of low bone density in community-dwelling elderly population. <i>Clinical Endocrinology</i> , <b>2013</b> , 78, 512-7	3.4	14
178	Normal Glucose Tolerance with a High 1-Hour Postload Plasma Glucose Level Exhibits Decreased $\beta$ Cell Function Similar to Impaired Glucose Tolerance. <i>Diabetes and Metabolism Journal</i> , <b>2015</b> , 39, 147-53 <sup>5</sup>	5	14

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174	Cerebral white matter hyperintensity is mainly associated with hypertension among the components of metabolic syndrome in Koreans. <i>Clinical Endocrinology</i> , <b>2009</b> , 71, 184-8	3.4	14
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