

Kyong-Soo Park

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	SEN2 suppresses browning of white adipose tissues by de-conjugating SUMO from C/EBP β . <i>Cell Reports</i> , 2022 , 38, 110408	10.6	0
463	Cardiovascular risk factors and intraoperative hypotension predicted development of insulin deficiency and diabetes after pancreatectomy. <i>Annals of Hepato-biliary-pancreatic Surgery</i> , 2022 , 26, S351-S351	1.5	1
462	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. <i>Nature Genetics</i> , 2022 ,	36.3	7
461	Tentonin 3/TMEM150C regulates glucose-stimulated insulin secretion in pancreatic β cells. <i>Cell Reports</i> , 2021 , 37, 110067	10.6	1
460	Sequencing cell-free fetal DNA in pregnant women with GCK-MODY: a proof-of-concept study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 ,	5.6	2
459	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. <i>Nature Communications</i> , 2021 , 12, 3505	17.4	5
458	Development of a clinical risk score for incident diabetes: A 10-year prospective cohort study. <i>Journal of Diabetes Investigation</i> , 2021 , 12, 610-618	3.9	1
457	Role of Synovial Exosomes in Osteoclast Differentiation in Inflammatory Arthritis. <i>Cells</i> , 2021 , 10,	7.9	8
456	DNA Methylation Changes Associated With Type 2 Diabetes and Diabetic Kidney Disease in an East Asian Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e3837-e3851	5.6	2
455	Low fasting glucose-to-estimated average glucose ratio was associated with superior response to insulin degludec/aspart compared with basal insulin in patients with type2 diabetes. <i>Journal of Diabetes Investigation</i> , 2021 ,	3.9	1
454	An Essential Role of the N-Terminal Region of ACSL1 in Linking Free Fatty Acids to Mitochondrial β Oxidation in C2C12 Myotubes. <i>Molecules and Cells</i> , 2021 , 44, 637-646	3.5	1
453	Identification of type 2 diabetes loci in 433,540 East Asian individuals. <i>Nature</i> , 2020 , 582, 240-245	50.4	89
452	Efficacy and safety of lobeglitazone versus sitagliptin as an add-on to metformin in patients with type 2 diabetes with two or more components of metabolic syndrome over 24 weeks. <i>Diabetes, Obesity and Metabolism</i> , 2020 , 22, 1869-1873	6.7	3
451	The mutational constraint spectrum quantified from variation in 141,456 humans. <i>Nature</i> , 2020 , 581, 434-443	50.4	2278
450	Transcript expression-aware annotation improves rare variant interpretation. <i>Nature</i> , 2020 , 581, 452-458	50.4	55
449	Apolipoprotein A^{II} is a hepatokine regulating muscle glucose metabolism and insulin sensitivity. <i>Nature Communications</i> , 2020 , 11, 2024	17.4	16
448	Contemporary use of lipid-lowering therapy for secondary prevention in Korean patients with atherosclerotic cardiovascular diseases. <i>Korean Journal of Internal Medicine</i> , 2020 , 35, 593-604	2.5	4

447	Update on Monogenic Diabetes in Korea. <i>Diabetes and Metabolism Journal</i> , 2020 , 44, 627-639	5	4
446	Estimated Association Between Cytokines and the Progression to Diabetes: 10-year Follow-Up From a Community-Based Cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	8
445	Oral Glucose Tolerance Testing Allows Better Prediction of Diabetes in Women with a History of Gestational Diabetes Mellitus. <i>Diabetes and Metabolism Journal</i> , 2019 , 43, 342-349	5	7
444	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019 , 570, 71-76	50.4	129
443	Serum Neopterin Concentration and Impaired Glucose Metabolism: Relationship With β Cell Function and Insulin Resistance. <i>Frontiers in Endocrinology</i> , 2019 , 10, 43	5.7	5
442	SUMO-specific protease 2 mediates leptin-induced fatty acid oxidation in skeletal muscle. <i>Metabolism: Clinical and Experimental</i> , 2019 , 95, 27-35	12.7	11
441	Direct differentiation of bone marrow mononucleated cells into insulin producing cells using pancreatic β cell-derived components. <i>Scientific Reports</i> , 2019 , 9, 5343	4.9	2
440	Effect of cilostazol, a phosphodiesterase-3 inhibitor, on coronary artery stenosis and plaque characteristics in patients with type 2 diabetes: ESCAPE study. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 1409-1418	6.7	7
439	MD001, a Novel Peroxisome Proliferator-activated Receptor α Agonist, Improves Glucose and Lipid Metabolism. <i>Scientific Reports</i> , 2019 , 9, 1656	4.9	9
438	Identifying Pathogenic Variants of Monogenic Diabetes Using Targeted Panel Sequencing in an East Asian Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 ,	5.6	16
437	2019 Clinical Practice Guidelines for Type 2 Diabetes Mellitus in Korea. <i>Diabetes and Metabolism Journal</i> , 2019 , 43, 398-406	5	124
436	Progression to Gestational Diabetes Mellitus in Pregnant Women with One Abnormal Value in Repeated Oral Glucose Tolerance Tests. <i>Diabetes and Metabolism Journal</i> , 2019 , 43, 607-614	5	6
435	Metformin Ameliorates Lipotoxic β Cell Dysfunction through a Concentration-Dependent Dual Mechanism of Action. <i>Diabetes and Metabolism Journal</i> , 2019 , 43, 854-866	5	8
434	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. <i>BMJ Open Diabetes Research and Care</i> , 2019 , 7, e000776	4.5	13
433	Diabetes Fact Sheets in Korea, 2018: An Appraisal of Current Status. <i>Diabetes and Metabolism Journal</i> , 2019 , 43, 487-494	5	65
432	Long-Term Prognostic Value of Coronary Computed Tomography Angiography in an Asymptomatic Elderly Population. <i>Journal of the American Heart Association</i> , 2019 , 8, e013523	6	5
431	Specific PERK inhibitors enhanced glucose-stimulated insulin secretion in a mouse model of type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2019 , 97, 87-91	12.7	8
430	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> , 2019 , 104, 639-646	5.6	41

429	The Effect of a Smartphone-Based, Patient-Centered Diabetes Care System in Patients With Type 2 Diabetes: A Randomized, Controlled Trial for 24 Weeks. <i>Diabetes Care</i> , 2019 , 42, 3-9	14.6	28
428	Fimasartan increases glucose-stimulated insulin secretion in patients with type 2 diabetes and hypertension compared with amlodipine. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 1670-1677	6.7	6
427	Attenuation of PERK enhances glucose-stimulated insulin secretion in islets. <i>Journal of Endocrinology</i> , 2018 , 236, 125-136	4.7	13
426	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. <i>Clinical Therapeutics</i> , 2018 , 40, 752-761.e2	3.5	2
425	Effect of Rosuvastatin on Cholesterol Efflux Capacity and Endothelial Function in Type 2 Diabetes Mellitus and Dyslipidemia. <i>Circulation Journal</i> , 2018 , 82, 1387-1395	2.9	5
424	Longitudinal Changes in Muscle Mass and Strength, and Bone Mass in Older Adults: Gender-Specific Associations Between Muscle and Bone Losses. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 1062-1069	6.4	23
423	Degree of ketonaemia and its association with insulin resistance after dapagliflozin treatment in type 2 diabetes. <i>Diabetes and Metabolism</i> , 2018 , 44, 73-76	5.4	25
422	Carnitine induces autophagy and restores high-fat diet-induced mitochondrial dysfunction. <i>Metabolism: Clinical and Experimental</i> , 2018 , 78, 43-51	12.7	31
421	Circulating ApoJ is closely associated with insulin resistance in human subjects. <i>Metabolism: Clinical and Experimental</i> , 2018 , 78, 155-166	12.7	16
420	Independent Association of Serum Aldosterone Level with Metabolic Syndrome and Insulin Resistance in Korean Adults. <i>Korean Circulation Journal</i> , 2018 , 48, 198-208	2.2	7
419	Liver transaminase levels after intraportal autologous islet transplantation after partial pancreatectomy were associated with long-term metabolic outcomes. <i>Diabetes Research and Clinical Practice</i> , 2018 , 143, 232-238	7.4	
418	Efficacy and safety of ipragliflozin as an add-on therapy to sitagliptin and metformin in Korean patients with inadequately controlled type 2 diabetes mellitus: A randomized controlled trial. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 2408-2415	6.7	24
417	Rho-kinase/AMPK axis regulates hepatic lipogenesis during overnutrition. <i>Journal of Clinical Investigation</i> , 2018 , 128, 5335-5350	15.9	31
416	Re-highlighting the action of PPAR α in treating metabolic diseases. <i>F1000Research</i> , 2018 , 7,	3.6	8
415	Transplantation of human mobilized mononuclear cells improved diabetic neuropathy. <i>Journal of Endocrinology</i> , 2018 , 239, 277-287	4.7	1
414	Antidiabetic effects of trihydroxychalcone derivatives via activation of AMP-activated protein kinase. <i>Journal of Industrial and Engineering Chemistry</i> , 2018 , 60, 177-184	6.3	6
413	Screening, Diagnosis, and Treatment of Familial Hypercholesterolemia: Symposium of the Education Committee, Korean Society of Lipid and Atherosclerosis. <i>Journal of Lipid and Atherosclerosis</i> , 2018 , 7, 122	3	2
412	A mitochondrial proteome profile indicative of type 2 diabetes mellitus in skeletal muscles. <i>Experimental and Molecular Medicine</i> , 2018 , 50, 1-14	12.8	16

411	Pathophysiology of Type 2 Diabetes in Koreans. <i>Endocrinology and Metabolism</i> , 2018 , 33, 9-16	3.5	8
410	Nonsynonymous Variants in and Are Associated With Type 2 Diabetes in an East Asian Population. <i>Diabetes</i> , 2018 , 67, 1892-1902	0.9	23
409	Comparison of pancreatic volume and fat amount linked with glucose homeostasis between healthy Caucasians and Koreans. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 2642-2652	6.7	15
408	Efficacy and safety of adding evogliptin versus sitagliptin for metformin-treated patients with type 2 diabetes: A 24-week randomized, controlled trial with open label extension. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 654-663	6.7	18
407	Selecting cases and controls for DNA sequencing studies using family histories of disease. <i>Statistics in Medicine</i> , 2017 , 36, 2081-2099	2.3	1
406	Monocyte count as a predictor of cardiovascular mortality in older Korean people. <i>Age and Ageing</i> , 2017 , 46, 433-438	3	13
405	A coding variant in confers susceptibility to thiopurine-induced leukopenia in East Asian patients with IBD. <i>Gut</i> , 2017 , 66, 1926-1935	19.2	22
404	Hemoglobin Glycation Index Is Associated With Cardiovascular Diseases in People With Impaired Glucose Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 2905-2913	5.6	37
403	Efficacy and safety of gemigliptin, a dipeptidyl peptidase-4 inhibitor, in patients with type 2 diabetes mellitus inadequately controlled with combination treatment of metformin and sulphonylurea: a 24-week, multicentre, randomized, double-blind, placebo-controlled study (TROICA study). <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 635-643	6.7	9
402	Circulating sortilin level as a potential biomarker for coronary atherosclerosis and diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2017 , 16, 92	8.7	27
401	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. <i>Diabetes and Metabolism Journal</i> , 2017 , 41, 38-50	5	1
400	Improving Disease Prediction by Incorporating Family Disease History in Risk Prediction Models with Large-Scale Genetic Data. <i>Genetics</i> , 2017 , 207, 1147-1155	4	7
399	Findings of a 1303 Korean whole-exome sequencing study. <i>Experimental and Molecular Medicine</i> , 2017 , 49, e356	12.8	23
398	Cytosolic Pellino-1-Mediated K63-Linked Ubiquitination of IRF5 in M1 Macrophages Regulates Glucose Intolerance in Obesity. <i>Cell Reports</i> , 2017 , 20, 832-845	10.6	22
397	DNA methylation profiles in sibling pairs discordant for intrauterine exposure to maternal gestational diabetes. <i>Epigenetics</i> , 2017 , 12, 825-832	5.7	21
396	Association of angiotensin-II levels with albuminuria in subjects with normal glucose metabolism, prediabetes, and type 2 diabetes mellitus. <i>Journal of Diabetes and Its Complications</i> , 2017 , 31, 1499-1505 ³⁻²		7
395	One-hour postload plasma glucose concentration in people with normal glucose homeostasis predicts future diabetes mellitus: a 12-year community-based cohort study. <i>Clinical Endocrinology</i> , 2017 , 86, 513-519	3.4	27
394	Vildagliptin reduces plasma stromal cell-derived factor-1 in patients with type 2 diabetes compared with glimepiride. <i>Journal of Diabetes Investigation</i> , 2017 , 8, 218-226	3.9	12

393	Attenuation of carotid neointimal formation after direct delivery of a recombinant adenovirus expressing glucagon-like peptide-1 in diabetic rats. <i>Cardiovascular Research</i> , 2017 , 113, 183-194	9.9	31
392	The beneficial effects of empagliflozin, an SGLT2 inhibitor, on atherosclerosis in ApoE mice fed a western diet. <i>Diabetologia</i> , 2017 , 60, 364-376	10.3	137
391	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017 , 4, 170179	8.2	22
390	Influence of the definition of "metabolically healthy obesity" on the progression of coronary artery calcification. <i>PLoS ONE</i> , 2017 , 12, e0178741	3.7	11
389	Total and differential WBC counts are related with coronary artery atherosclerosis and increase the risk for cardiovascular disease in Koreans. <i>PLoS ONE</i> , 2017 , 12, e0180332	3.7	14
388	Thyroid-stimulating hormone improves insulin sensitivity in skeletal muscle cells via cAMP/PKA/CREB pathway-dependent upregulation of insulin receptor substrate-1 expression. <i>Molecular and Cellular Endocrinology</i> , 2016 , 436, 50-8	4.4	17
387	Methylsulfonylmethane (MSM), an organosulfur compound, is effective against obesity-induced metabolic disorders in mice. <i>Metabolism: Clinical and Experimental</i> , 2016 , 65, 1508-21	12.7	15
386	Clinical whole exome sequencing in early onset diabetes patients. <i>Diabetes Research and Clinical Practice</i> , 2016 , 122, 71-77	7.4	23
385	Metabolic syndrome independently predicts future diabetes in women with a history of gestational diabetes mellitus. <i>Medicine (United States)</i> , 2016 , 95, e4582	1.8	7
384	Multifactorial intervention in diabetes care using real-time monitoring and tailored feedback in type 2 diabetes. <i>Acta Diabetologica</i> , 2016 , 53, 189-98	3.9	66
383	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. <i>Nature Communications</i> , 2016 , 7, 10531	17.4	99
382	PPAR γ acetylation essential for adipogenesis is a potential target for treating obesity. <i>Cell Death and Differentiation</i> , 2016 , 23, 1296-311	12.7	39
381	Comparison between two methods of bioelectrical impedance analyses for accuracy in measuring abdominal visceral fat area. <i>Journal of Diabetes and Its Complications</i> , 2016 , 30, 343-9	3.2	57
380	Increased postprandial apolipoprotein B-48 level after a test meal in diabetic patients: A multicenter, cross-sectional study. <i>Metabolism: Clinical and Experimental</i> , 2016 , 65, 843-51	12.7	5
379	Recent progress in genetic and epigenetic research on type 2 diabetes. <i>Experimental and Molecular Medicine</i> , 2016 , 48, e220	12.8	92
378	DMC (2 <i>Q</i> 4 <i>Q</i> dihydroxy-6 <i>Q</i> methoxy-3 <i>Q</i> 5 <i>Q</i> dimethylchalcone) improves glucose tolerance as a potent AMPK activator. <i>Metabolism: Clinical and Experimental</i> , 2016 , 65, 533-42	12.7	12
377	BNIP3 is essential for mitochondrial bioenergetics during adipocyte remodelling in mice. <i>Diabetologia</i> , 2016 , 59, 571-81	10.3	17
376	Comparison of different statin therapy to change low-density lipoprotein cholesterol and high-density lipoprotein cholesterol level in Korean patients with and without diabetes. <i>Journal of Clinical Lipidology</i> , 2016 , 10, 528-537.e3	4.9	10

375	Sarcopenia as a Predictor of Future Cognitive Impairment in Older Adults. <i>Journal of Nutrition, Health and Aging</i> , 2016 , 20, 496-502	5.2	34
374	10-year trajectory of β -cell function and insulin sensitivity in the development of type 2 diabetes: a community-based prospective cohort study. <i>Lancet Diabetes and Endocrinology</i> , 2016 , 4, 27-34	18.1	106
373	Lower uncarboxylated osteocalcin and higher sclerostin levels are significantly associated with coronary artery disease. <i>Bone</i> , 2016 , 83, 178-183	4.7	21
372	Evaluation of Non-Laboratory and Laboratory Prediction Models for Current and Future Diabetes Mellitus: A Cross-Sectional and Retrospective Cohort Study. <i>PLoS ONE</i> , 2016 , 11, e0156155	3.7	6
371	1,5-Anhydro-D-Glucitol Could Reflect Hypoglycemia Risk in Patients with Type 2 Diabetes Receiving Insulin Therapy. <i>Endocrinology and Metabolism</i> , 2016 , 31, 284-91	3.5	4
370	The Level of Autoantibodies Targeting Eukaryote Translation Elongation Factor 1 β and Ubiquitin-Conjugating Enzyme 2L3 in Nondiabetic Young Adults. <i>Diabetes and Metabolism Journal</i> , 2016 , 40, 154-60	5	6
369	Feasibility of a Patient-Centered, Smartphone-Based, Diabetes Care System: A Pilot Study. <i>Diabetes and Metabolism Journal</i> , 2016 , 40, 192-201	5	18
368	Role of mitochondrial DNA variation in the pathogenesis of diabetes mellitus. <i>Frontiers in Bioscience - Landmark</i> , 2016 , 21, 1151-67	2.8	16
367	2015 Korean Guidelines for the Management of Dyslipidemia: Executive Summary (English Translation). <i>Korean Circulation Journal</i> , 2016 , 46, 275-306	2.2	79
366	Predictive Values of the New Sarcopenia Index by the Foundation for the National Institutes of Health Sarcopenia Project for Mortality among Older Korean Adults. <i>PLoS ONE</i> , 2016 , 11, e0166344	3.7	29
365	Rg3 Improves Mitochondrial Function and the Expression of Key Genes Involved in Mitochondrial Biogenesis in C2C12 Myotubes. <i>Diabetes and Metabolism Journal</i> , 2016 , 40, 406-413	5	17
364	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> , 2016 , 40, 140-6	5	64
363	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016 , 536, 41-47	50.4	704
362	A genetic variant in GLP1R is associated with response to DPP-4 inhibitors in patients with type 2 diabetes. <i>Medicine (United States)</i> , 2016 , 95, e5155	1.8	22
361	F-box only protein 9 is an E3 ubiquitin ligase of PPAR α . <i>Experimental and Molecular Medicine</i> , 2016 , 48, e234	12.8	10
360	Age- and sex-specific association of circulating osteocalcin with dynamic measures of glucose homeostasis. <i>Osteoporosis International</i> , 2016 , 27, 1021-1029	5.3	17
359	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. <i>Diabetes Research and Clinical Practice</i> , 2016 , 116, 86-95	7.4	19
358	Comprehensive assessment of lipoprotein subfraction profiles according to glucose metabolism status, and association with insulin resistance in subjects with early-stage impaired glucose metabolism. <i>International Journal of Cardiology</i> , 2016 , 225, 327-331	3.2	9

357	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> , 2016 , 15, 92	8.7	16
356	Serum bilirubin levels are positively associated with glycemic variability in women with type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2016 , 7, 874-880	3.9	7
355	Anagliptin and sitagliptin as add-ons to metformin for patients with type 2 diabetes: a 24-week, multicentre, randomized, double-blind, active-controlled, phase III clinical trial with a 28-week extension. <i>Diabetes, Obesity and Metabolism</i> , 2015 , 17, 511-5	6.7	12
354	Serum aryl hydrocarbon receptor ligand activity is associated with insulin resistance and resulting type 2 diabetes. <i>Acta Diabetologica</i> , 2015 , 52, 489-95	3.9	40
353	Retinoid X receptor β overexpression alleviates mitochondrial dysfunction-induced insulin resistance through transcriptional regulation of insulin receptor substrate 1. <i>Molecules and Cells</i> , 2015 , 38, 356-61	3.5	5
352	Obesity-induced DNA hypermethylation of the adiponectin gene mediates insulin resistance. <i>Nature Communications</i> , 2015 , 6, 7585	17.4	123
351	SUMO-Specific Protease 2 (SEN2) Is an Important Regulator of Fatty Acid Metabolism in Skeletal Muscle. <i>Diabetes</i> , 2015 , 64, 2420-31	0.9	36
350	Anti-diabetic efficacy of KICG1338, a novel glycogen synthase kinase-3 inhibitor, and its molecular characterization in animal models of type 2 diabetes and insulin resistance. <i>Molecular and Cellular Endocrinology</i> , 2015 , 409, 1-10	4.4	26
349	Carotid intima-media thickness is associated with the progression of cognitive impairment in older adults. <i>Stroke</i> , 2015 , 46, 1024-30	6.7	25
348	Weight Gain and Progression to Type 2 Diabetes in Women With a History of Gestational Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 3548-55	5.6	31
347	In Vivo Differentiation of Therapeutic Insulin-Producing Cells from Bone Marrow Cells via Extracellular Vesicle-Mimetic Nanovesicles. <i>ACS Nano</i> , 2015 , 9, 11718-27	16.7	58
346	Effect of a new PPAR-gamma agonist, lobeglitazone, on neointimal formation after balloon injury in rats and the development of atherosclerosis. <i>Atherosclerosis</i> , 2015 , 243, 107-19	3.1	44
345	Efficacy and safety of teneligliptin, a dipeptidyl peptidase-4 inhibitor, combined with metformin in Korean patients with type 2 diabetes mellitus: a 16-week, randomized, double-blind, placebo-controlled phase III trial. <i>Diabetes, Obesity and Metabolism</i> , 2015 , 17, 309-12	6.7	32
344	Changing relative contribution of abdominal obesity and a family history of diabetes on prevalence of diabetes mellitus in Korean men and women aged 30-49 years from 2001 to 2010. <i>Journal of Diabetes</i> , 2015 , 7, 465-72	3.8	9
343	Correlation of the incretin effect with first- and second-phase insulin secretions in Koreans with various glucose tolerance statuses. <i>Clinical Endocrinology</i> , 2015 , 83, 59-66	3.4	5
342	Murine Sca1(+)Lin(-) bone marrow contains an endodermal precursor population that differentiates into hepatocytes. <i>Experimental and Molecular Medicine</i> , 2015 , 47, e187	12.8	5
341	Alleviation of skin inflammation after Lin(-) cell transplantation correlates with their differentiation into myeloid-derived suppressor cells. <i>Scientific Reports</i> , 2015 , 5, 14663	4.9	2
340	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. <i>Endocrine Journal</i> , 2015 , 62, 449-62	2.9	12

339	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	4.9	27
338	Improved Insulin Secretion by Autologous Islet Transplantation, Compared to Oral Antidiabetic Agents, After Distal Pancreatectomy. <i>Cell Transplantation</i> , 2015 , 24, 1615-26	4	8
337	Mitochondrial Complexes I and II Are More Susceptible to Autophagy Deficiency in Mouse βCells. <i>Endocrinology and Metabolism</i> , 2015 , 30, 65-70	3.5	4
336	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> , 2015 , 7, 10513-24	6.7	45
335	Response: Normal Glucose Tolerance with a High 1-Hour Postload Plasma Glucose Level Exhibits Decreased βCell Function Similar to Impaired Glucose Tolerance (Diabetes Metab J 2015;39:147-53). <i>Diabetes and Metabolism Journal</i> , 2015 , 39, 270-1	5	0
334	Identification of Two Cases of Ciliopathy-Associated Diabetes and Their Mutation Analysis Using Whole Exome Sequencing. <i>Diabetes and Metabolism Journal</i> , 2015 , 39, 439-43	5	4
333	Clinical Characteristics of Subjects with Sulfonylurea-Dependent Type 2 Diabetes. <i>Endocrinology and Metabolism</i> , 2015 , 30, 509-13	3.5	3
332	Thyroid Hormone Regulates the mRNA Expression of Small Heterodimer Partner through Liver Receptor Homolog-1. <i>Endocrinology and Metabolism</i> , 2015 , 30, 584-92	3.5	2
331	Clinical Characteristics and Metabolic Predictors of Rapid Responders to Dipeptidyl Peptidase-4 Inhibitor as an Add-on Therapy to Sulfonylurea and Metformin. <i>Diabetes and Metabolism Journal</i> , 2015 , 39, 489-97	5	1
330	Normal Glucose Tolerance with a High 1-Hour Postload Plasma Glucose Level Exhibits Decreased βCell Function Similar to Impaired Glucose Tolerance. <i>Diabetes and Metabolism Journal</i> , 2015 , 39, 147-53	5	14
329	Genetic Studies on Diabetic Microvascular Complications: Focusing on Genome-Wide Association Studies. <i>Endocrinology and Metabolism</i> , 2015 , 30, 147-58	3.5	13
328	Genetic alterations of JAK/STAT cascade and histone modification in extranodal NK/T-cell lymphoma nasal type. <i>Oncotarget</i> , 2015 , 6, 17764-76	3.3	104
327	The amount of C1q-adiponectin complex is higher in the serum and the complex localizes to perivascular areas of fat tissues and the intimal-medial layer of blood vessels of coronary artery disease patients. <i>Cardiovascular Diabetology</i> , 2015 , 14, 50	8.7	9
326	High Blood Pressure and Its Association With Incident Diabetes Over 10 Years in the Korean Genome and Epidemiology Study (KoGES). <i>Diabetes Care</i> , 2015 , 38, 1333-8	14.6	33
325	Long-term oral exposure to bisphenol A induces glucose intolerance and insulin resistance. <i>Journal of Endocrinology</i> , 2015 , 226, 35-42	4.7	65
324	Counterintuitive relationship between visceral fat and all-cause mortality in an elderly Asian population. <i>Obesity</i> , 2015 , 23, 220-7	8	22
323	Autophagy deficiency in βcells blunts incretin-induced suppression of glucagon release from α cells. <i>Islets</i> , 2015 , 7, e1129096	2	3
322	High serum adiponectin concentration and low body mass index are significantly associated with increased all-cause and cardiovascular mortality in an elderly cohort, "adiponectin paradox": the Korean Longitudinal Study on Health and Aging (KLoSHA). <i>International Journal of Cardiology</i> , 2015 , 183, 81-7	3.2	36

321	SIRT3 Overexpression Attenuates Palmitate-Induced Pancreatic β Cell Dysfunction. <i>PLoS ONE</i> , 2015 , 10, e0124744	3.7	35
320	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> , 2015 , 10, e0129477	3.7	15
319	Magnetic resonance imaging of the pancreas in streptozotocin-induced diabetic rats: Gadofluorine P and Gd-DOTA. <i>World Journal of Gastroenterology</i> , 2015 , 21, 5831-42	5.6	2
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11	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> , 1996 , 98, 1231-6	15.9	106
10	Insulin restores fatty acid composition earlier in liver microsomes than erythrocyte membranes in streptozotocin-induced diabetic rats. <i>Diabetes Research and Clinical Practice</i> , 1995 , 29, 93-8	7.4	25
9	The effect of obesity on fibrinolytic activity and plasma lipoprotein (a) levels in patients with type 2 diabetes mellitus in Korea. <i>Diabetes Research and Clinical Practice</i> , 1994 , 24, 25-31	7.4	5
8	Intra-abdominal fat is associated with decreased insulin sensitivity in healthy young men. <i>Metabolism: Clinical and Experimental</i> , 1991 , 40, 600-3	12.7	83
7	Hyperglycemia per se can reduce plasma free fatty acid and glycerol levels in the acutely insulin-deficient dog. <i>Metabolism: Clinical and Experimental</i> , 1990 , 39, 595-7	12.7	14
6	High 24-Hour Urinary C-Peptide Excretion in Non-Insulin Dependent Diabetes Mellitus. <i>Korean Journal of Internal Medicine</i> , 1986 , 1, 172-178	2.5	0
5	Rho-kinase mediates the anorexigenic action of melanocortin by suppressing AMPK		1
4	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes		1
3	Rare coding variants in 35 genes associate with circulating lipid levels in a multi-ancestry analysis of 170,000 exomes		2
2	Genetic discovery and translational decision support from exome sequencing of 20,791 type 2 diabetes cases and 24,440 controls from five ancestries		2
1	Identification of type 2 diabetes loci in 433,540 East Asian individuals		4