

Soo Heon Kwak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7769748/publications.pdf>

Version: 2024-02-01

80
papers

5,829
citations

136740

32
h-index

76769

74
g-index

83
all docs

83
docs citations

83
times ranked

12005
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014, 46, 234-244.	9.4	959
2	Meta-analysis of genome-wide association studies identifies eight new loci for type 2 diabetes in east Asians. <i>Nature Genetics</i> , 2012, 44, 67-72.	9.4	545
3	Increasing Prevalence of Metabolic Syndrome in Korea. <i>Diabetes Care</i> , 2011, 34, 1323-1328.	4.3	527
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	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> , 2013, 56, 696-708.	2.9	334
6	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019, 570, 71-76.	13.7	248
7	A Genome-Wide Association Study of Gestational Diabetes Mellitus in Korean Women. <i>Diabetes</i> , 2012, 61, 531-541.	0.3	215
8	Association of genetic variation in FTO with risk of obesity and type 2 diabetes with data from 96,551 East and South Asians. <i>Diabetologia</i> , 2012, 55, 981-995.	2.9	171
9	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. <i>Nature Communications</i> , 2016, 7, 10531.	5.8	149
10	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.	5.5	145
11	Recent progress in genetic and epigenetic research on type 2 diabetes. <i>Experimental and Molecular Medicine</i> , 2016, 48, e220-e220.	3.2	140
12	Genetic alterations of JAK/STAT cascade and histone modification in extranodal NK/T-cell lymphoma nasal type. <i>Oncotarget</i> , 2015, 6, 17764-17776.	0.8	136
13	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> , 2013, 98, E744-E752.	1.8	92
14	Diagnostic Value of Galectin-3, HBME-1, Cytokeratin 19, High Molecular Weight Cytokeratin, Cyclin D1 and p27kip1 in the Differential Diagnosis of Thyroid Nodules. <i>Journal of Korean Medical Science</i> , 2007, 22, 621.	1.1	78
15	Atypical Hemolytic Uremic Syndrome Associated With Complement Factor H Autoantibodies and CFHR1/CFHR3 Deficiency. <i>Pediatric Research</i> , 2009, 66, 336-340.	1.1	77
16	Plasma vaspin concentrations are elevated in metabolic syndrome in men and are correlated with coronary atherosclerosis in women. <i>Clinical Endocrinology</i> , 2011, 75, 628-635.	1.2	70
17	Genome-wide association and expression quantitative trait loci studies identify multiple susceptibility loci for thyroid cancer. <i>Nature Communications</i> , 2017, 8, 15966.	5.8	64
18	Mitochondrial metabolism and diabetes. <i>Journal of Diabetes Investigation</i> , 2010, 1, 161-169.	1.1	63

#	ARTICLE	IF	CITATIONS
19	Cyclase-associated protein 1 is a binding partner of proprotein convertase subtilisin/kexin type-9 and is required for the degradation of low-density lipoprotein receptors by proprotein convertase subtilisin/kexin type-9. <i>European Heart Journal</i> , 2020, 41, 239-252.	1.0	61
20	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
21	Prevention of type 2 diabetes mellitus in women with previous gestational diabetes mellitus. <i>Korean Journal of Internal Medicine</i> , 2017, 32, 26-41.	0.7	60
22	Genome-wide association study identifies GYS2 as a novel genetic factor for polycystic ovary syndrome through obesity-related condition. <i>Journal of Human Genetics</i> , 2012, 57, 660-664.	1.1	55
23	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
24	Mitochondrial dysfunction and metabolic syndrome—looking for environmental factors. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 282-289.	1.1	48
25	Association of Variations in <i>TPH1</i> and <i>HTR2B</i> with Gestational Weight Gain and Measures of Obesity. <i>Obesity</i> , 2012, 20, 233-238.	1.5	48
26	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
27	Multi-ancestry genome-wide association study of gestational diabetes mellitus highlights genetic links with type 2 diabetes. <i>Human Molecular Genetics</i> , 2022, 31, 3377-3391.	1.4	47
28	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
29	Prediction of type 2 diabetes in women with a history of gestational diabetes using a genetic risk score. <i>Diabetologia</i> , 2013, 56, 2556-2563.	2.9	44
30	Subsequent Pregnancy After Gestational Diabetes Mellitus: Frequency and risk factors for recurrence in Korean women. <i>Diabetes Care</i> , 2008, 31, 1867-1871.	4.3	40
31	Identification of Novel Autoantibodies in Type 1 Diabetic Patients Using a High-Density Protein Microarray. <i>Diabetes</i> , 2014, 63, 3022-3032.	0.3	39
32	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. <i>Journal of Human Genetics</i> , 2013, 58, 362-365.	1.1	38
33	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, 3548-3555.	1.8	37
34	Nonsynonymous Variants in <i>PAX4</i> and <i>GLP1R</i> Are Associated With Type 2 Diabetes in an East Asian Population. <i>Diabetes</i> , 2018, 67, 1892-1902.	0.3	36
35	Findings of a 1303 Korean whole-exome sequencing study. <i>Experimental and Molecular Medicine</i> , 2017, 49, e356-e356.	3.2	34
36	Polymorphisms in <i>KCNQ1</i> ; Are Associated with Gestational Diabetes in a Korean Population. <i>Hormone Research in Paediatrics</i> , 2010, 74, 333-338.	0.8	33

#	ARTICLE	IF	CITATIONS
37	Genetic Studies of Gestational Diabetes and Glucose Metabolism in Pregnancy. <i>Current Diabetes Reports</i> , 2020, 20, 69.	1.7	33
38	Clinical whole exome sequencing in early onset diabetes patients. <i>Diabetes Research and Clinical Practice</i> , 2016, 122, 71-77.	1.1	31
39	A genome-wide association study on thyroid function and anti-thyroid peroxidase antibodies in Koreans. <i>Human Molecular Genetics</i> , 2014, 23, 4433-4442.	1.4	30
40	Pregnancy Outcomes of Women Additionally Diagnosed as Gestational Diabetes by the International Association of the Diabetes and Pregnancy Study Groups Criteria. <i>Diabetes and Metabolism Journal</i> , 2019, 43, 766.	1.8	30
41	Identifying Pathogenic Variants of Monogenic Diabetes Using Targeted Panel Sequencing in an East Asian Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4188-4198.	1.8	27
42	Genetics of type 2 diabetes and potential clinical implications. <i>Archives of Pharmacal Research</i> , 2013, 36, 167-177.	2.7	25
43	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
44	DNA methylation profiles in sibling pairs discordant for intrauterine exposure to maternal gestational diabetes. <i>Epigenetics</i> , 2017, 12, 825-832.	1.3	24
45	Rare coding variants in 35 genes associate with circulating lipid levels—A multi-ancestry analysis of 170,000 exomes. <i>American Journal of Human Genetics</i> , 2022, 109, 81-96.	2.6	24
46	Finding Genetic Risk Factors of Gestational Diabetes. <i>Genomics and Informatics</i> , 2012, 10, 239.	0.4	22
47	Anti-programmed cell death 1 therapy triggering diabetic ketoacidosis and fulminant type 1 diabetes. <i>Acta Diabetologica</i> , 2016, 53, 853-856.	1.2	22
48	F-box only protein 9 is an E3 ubiquitin ligase of PPAR β . <i>Experimental and Molecular Medicine</i> , 2016, 48, e234-e234.	3.2	21
49	Genetic-risk assessment of GWAS-derived susceptibility loci for type 2 diabetes in a 10 year follow-up of a population-based cohort study. <i>Journal of Human Genetics</i> , 2016, 61, 1009-1012.	1.1	21
50	Role of mitochondrial DNA variation in the pathogenesis of diabetes mellitus. <i>Frontiers in Bioscience - Landmark</i> , 2016, 21, 1151-1167.	3.0	20
51	Genetic Studies on Diabetic Microvascular Complications: Focusing on Genome-Wide Association Studies. <i>Endocrinology and Metabolism</i> , 2015, 30, 147.	1.3	18
52	Comparison of the effects of gemigliptin and dapagliflozin on glycaemic variability in type 2 diabetes: A randomized, open-label, active-controlled, 12-week study (STABLE II study). <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 173-181.	2.2	18
53	Identification and Functional Characterization of P159L Mutation in <i>HNF1B</i> in a Family with Maturity-Onset Diabetes of the Young 5 (MODY5). <i>Genomics and Informatics</i> , 2014, 12, 240.	0.4	17
54	Relationship of 11.BETA.-hydroxysteroid dehydrogenase type 1 and hexose-6-phosphate dehydrogenase gene polymorphisms with metabolic syndrome and type 2 diabetes. <i>Endocrine Journal</i> , 2011, 58, 949-959.	0.7	15

#	ARTICLE	IF	CITATIONS
55	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.	1.8	15
56	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
57	Normal Glucose Tolerance with a High 1-Hour Postload Plasma Glucose Level Exhibits Decreased β -Cell Function Similar to Impaired Glucose Tolerance. <i>Diabetes and Metabolism Journal</i> , 2015, 39, 147.	1.8	14
58	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, e381-e389.	1.8	14
59	Association of HLA Genotype and Fulminant Type 1 Diabetes in Koreans. <i>Genomics and Informatics</i> , 2015, 13, 126.	0.4	14
60	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
61	Update on Monogenic Diabetes in Korea. <i>Diabetes and Metabolism Journal</i> , 2020, 44, 627-639.	1.8	11
62	Pathophysiology of Type 2 Diabetes in Koreans. <i>Endocrinology and Metabolism</i> , 2018, 33, 9.	1.3	10
63	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.	1.8	10
64	The Level of Autoantibodies Targeting Eukaryote Translation Elongation Factor 1 ϵ 1 and Ubiquitin-Conjugating Enzyme 2L3 in Nondiabetic Young Adults. <i>Diabetes and Metabolism Journal</i> , 2016, 40, 154.	1.8	9
65	Metabolic syndrome independently predicts future diabetes in women with a history of gestational diabetes mellitus. <i>Medicine (United States)</i> , 2016, 95, e4582.	0.4	9
66	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.	1.8	9
67	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.	1.8	6
68	Retinoid X Receptor α Overexpression Alleviates Mitochondrial Dysfunction-induced Insulin Resistance through Transcriptional Regulation of Insulin Receptor Substrate 1. <i>Molecules and Cells</i> , 2015, 38, 356-361.	1.0	6
69	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.	2.2	6
70	Sequencing Cell-free Fetal DNA in Pregnant Women With GCK-MODY. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2678-2689.	1.8	6
71	Effects of Tenuliptin on HbA1c levels, Continuous Glucose Monitoring-Derived Time in Range and Glycemic Variability in Elderly Patients with T2DM (TEDDY Study). <i>Diabetes and Metabolism Journal</i> , 2022, 46, 81-92.	1.8	6
72	Maternal Hyperglycemia during Pregnancy Increases Adiposity of Offspring. <i>Diabetes and Metabolism Journal</i> , 2021, 45, 730-738.	1.8	6

#	ARTICLE	IF	CITATIONS
73	Mitochondrial Complexes I and II Are More Susceptible to Autophagy Deficiency in Mouse β -Cells. <i>Endocrinology and Metabolism</i> , 2015, 30, 65.	1.3	4
74	Genetics of Gestational Diabetes Mellitus. <i>Journal of the Korean Medical Association</i> , 2009, 52, 688.	0.1	3
75	A Novel Mutation in the Von Hippel-Lindau Tumor Suppressor Gene Identified in a Patient Presenting with Gestational Diabetes Mellitus. <i>Endocrinology and Metabolism</i> , 2013, 28, 320.	1.3	3
76	Longitudinal Changes of High Molecular Weight Adiponectin are Associated with Postpartum Development of Type 2 Diabetes Mellitus in Patients with Gestational Diabetes Mellitus. <i>Endocrinology and Metabolism</i> , 2021, 36, 114-122.	1.3	3
77	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. <i>Diabetes and Metabolism Journal</i> , 2022, 46, 71-80.	1.8	3
78	Letter: Genome-Wide Association Study Identifies Two Novel Loci with Sex-Specific Effects for Type 2 Diabetes Mellitus and Glycemic Traits in a Korean Population (<i>Diabetes Metab J</i> 2014;38:375-87). <i>Diabetes and Metabolism Journal</i> , 2014, 38, 484.	1.8	1
79	A case of monogenic diabetes mellitus caused by a novel heterozygous <i>RFX6</i> nonsense mutation in a 14-year-old girl. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2021, 34, 1619-1622.	0.4	1
80	Impact of Evolutionary Changes in Nonalcoholic Fatty Liver Disease on Lung Function Decline. <i>Gut and Liver</i> , 2023, 17, 139-149.	1.4	1