

Sun H Kim

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

5,690
citations

201575

27
h-index

91828

69
g-index

71
all docs

71
docs citations

71
times ranked

8149
citing authors

#	ARTICLE	IF	CITATIONS
1	Thrombectomy for Stroke at 6 to 16 Hours with Selection by Perfusion Imaging. <i>New England Journal of Medicine</i> , 2018, 378, 708-718.	13.9	3,433
2	Vitamin D Supplementation and Prevention of Type 2 Diabetes. <i>New England Journal of Medicine</i> , 2019, 381, 520-530.	13.9	423
3	Impact of Degree of Obesity on Surrogate Estimates of Insulin Resistance. <i>Diabetes Care</i> , 2004, 27, 1998-2002.	4.3	129
4	Interrelationship between Fatty Liver and Insulin Resistance in the Development of Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 1093-1097.	1.8	114
5	Benefits of Liraglutide Treatment in Overweight and Obese Older Individuals With Prediabetes. <i>Diabetes Care</i> , 2013, 36, 3276-3282.	4.3	78
6	A retrospective cohort study to evaluate the impact of meaningful weight loss on fertility outcomes in an overweight population with infertility. <i>Fertility and Sterility</i> , 2014, 101, 1400-1403.	0.5	69
7	Insulin Resistance and Hyperinsulinemia. <i>Diabetes Care</i> , 2008, 31, 1433-1438.	4.3	66
8	Adapting to insulin resistance in obesity: role of insulin secretion and clearance. <i>Diabetologia</i> , 2018, 61, 681-687.	2.9	54
9	Plasma Glucose and Insulin Regulation Is Abnormal Following Gastric Bypass Surgery with or Without Neuroglycopenia. <i>Obesity Surgery</i> , 2009, 19, 1550-1556.	1.1	51
10	Increased body mass index negatively impacts blastocyst formation rate in normal responders undergoing in vitro fertilization. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 1299-1304.	1.2	49
11	Statins Are Associated With Increased Insulin Resistance and Secretion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2786-2797.	1.1	49
12	C-reactive protein and risk of cardiovascular and all-cause mortality in 268 803 East Asians. <i>European Heart Journal</i> , 2014, 35, 1809-1816.	1.0	46
13	Impact of race/ethnicity on insulin resistance and hypertriglyceridaemia. <i>Diabetes and Vascular Disease Research</i> , 2019, 16, 153-159.	0.9	46
14	Relationship Among Alcohol, Body Weight, and Cardiovascular Risk Factors in 27,030 Korean Men. <i>Diabetes Care</i> , 2007, 30, 2690-2694.	4.3	44
15	Effect of a ketogenic diet versus Mediterranean diet on glycated hemoglobin in individuals with prediabetes and type 2 diabetes mellitus: The interventional Keto-Med randomized crossover trial. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 640-652.	2.2	44
16	Isolated Impaired Fasting Glucose and Peripheral Insulin Sensitivity. <i>Diabetes Care</i> , 2008, 31, 347-352.	4.3	43
17	Relationship between insulin resistance and amino acids in women and men. <i>Physiological Reports</i> , 2015, 3, e12392.	0.7	43
18	Hyperinsulinemia in individuals with obesity: Role of insulin clearance. <i>Obesity</i> , 2015, 23, 2430-2434.	1.5	42

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19	Rosiglitazone Reduces Glucose-Stimulated Insulin Secretion Rate and Increases Insulin Clearance in Nondiabetic, Insulin-Resistant Individuals. <i>Diabetes</i> , 2005, 54, 2447-2452.	0.3	41
20	Metabolic Impact of Switching Antipsychotic Therapy to Aripiprazole After Weight Gain. <i>Journal of Clinical Psychopharmacology</i> , 2007, 27, 365-368.	0.7	39
21	Sex Differences in Insulin Resistance and Cardiovascular Disease Risk. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1716-E1721.	1.8	38
22	Comparison of the 1997 and 2003 American Diabetes Association Classification of Impaired Fasting Glucose. <i>Journal of the American College of Cardiology</i> , 2006, 48, 293-297.	1.2	37
23	The metabolic syndrome: one step forward, two steps back. <i>Diabetes and Vascular Disease Research</i> , 2004, 1, 68-75.	0.9	36
24	Effect of moderate alcoholic beverage consumption on insulin sensitivity in insulin-resistant, nondiabetic individuals. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 387-392.	1.5	36
25	Utility of Homeostasis Model Assessment of Î²-Cell Function in Predicting Diabetes in 12,924 Healthy Koreans. <i>Diabetes Care</i> , 2010, 33, 200-202.	4.3	35
26	Dissecting the relationship between obesity and hyperinsulinemia: Role of insulin secretion and insulin clearance. <i>Obesity</i> , 2017, 25, 378-383.	1.5	33
27	Pancreatic beta cell function following liraglutide-augmented weight loss in individuals with prediabetes: analysis of a randomised, placebo-controlled study. <i>Diabetologia</i> , 2014, 57, 455-462.	2.9	32
28	Adherence to Ketogenic and Mediterranean Study Diets in a Crossover Trial: The Ketoâ€“Med Randomized Trial. <i>Nutrients</i> , 2021, 13, 967.	1.7	30
29	Effect of Salsalate on Insulin Action, Secretion, and Clearance in Nondiabetic, Insulin-Resistant Individuals: A Randomized, Placebo-Controlled Study. <i>Diabetes Care</i> , 2014, 37, 1944-1950.	4.3	29
30	Insulin Clearance: An Underappreciated Modulator of Plasma Insulin Concentration. <i>Journal of Investigative Medicine</i> , 2016, 64, 1162-1165.	0.7	28
31	Abnormalities of Lipoprotein Concentrations in Obstructive Sleep Apnea Are Related to Insulin Resistance. <i>Sleep</i> , 2015, 38, 793-799.	0.6	24
32	Effects of Vitamin D Supplementation on Insulin Sensitivity and Secretion in Prediabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 230-240.	1.8	24
33	Obesity and Insulin Resistance: An Ongoing Saga. <i>Diabetes</i> , 2010, 59, 2105-2106.	0.3	23
34	Trends in overall, cardiovascular and cancer-related mortality among individuals with diabetes reported on death certificates in the United States between 2007 and 2017. <i>Diabetologia</i> , 2019, 62, 1185-1194.	2.9	23
35	Relationship between body mass index and insulin resistance in patients treated with second generation antipsychotic agents. <i>Journal of Psychiatric Research</i> , 2010, 44, 493-498.	1.5	22
36	Implications of the Hemoglobin Glycation Index on the Diagnosis of Prediabetes and Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e130-e138.	1.8	22

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37	Time From Imaging to Endovascular Reperfusion Predicts Outcome in Acute Stroke. <i>Stroke</i> , 2018, 49, 952-957.	1.0	21
38	Vitamin D Supplementation for Prevention of Cancer: The D2d Cancer Outcomes (D2dCA) Ancillary Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2767-2778.	1.8	20
39	Glucose-Stimulated Insulin Secretion in Gastric Bypass Patients with Hypoglycemic Syndrome: No Evidence for Inappropriate Pancreatic Î²-cell Function. <i>Obesity Surgery</i> , 2010, 20, 1110-1116.	1.1	18
40	Inflammation in the Prediction of Type 2 Diabetes and Hypertension in Healthy Adults. <i>Archives of Medical Research</i> , 2017, 48, 535-545.	1.5	18
41	The steatosis-associated fibrosis estimator (SAFE) score: A tool to detect low-risk NAFLD in primary care. <i>Hepatology</i> , 2023, 77, 256-267.	3.6	18
42	Beyond fasting plasma glucose: The association between coronary heart disease risk and postprandial glucose, postprandial insulin and insulin resistance in healthy, nondiabetic adults. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1223-1226.	1.5	16
43	Ability of the plasma concentration ratio of triglyceride/high-density lipoprotein cholesterol to identify increased cardio-metabolic risk in an east Asian population. <i>Diabetes Research and Clinical Practice</i> , 2014, 105, 96-101.	1.1	16
44	Baseline Characteristics of the Vitamin D and Type 2 Diabetes (D2d) Study: A Contemporary Prediabetes Cohort That Will Inform Diabetes Prevention Efforts. <i>Diabetes Care</i> , 2018, 41, 1590-1599.	4.3	16
45	Relationship among age, insulin resistance, and blood pressure. <i>Journal of the American Society of Hypertension</i> , 2017, 11, 359-365.e2.	2.3	15
46	Association of pericardial adipose tissue with left ventricular structure and function: a region-specific effect?. <i>Cardiovascular Diabetology</i> , 2021, 20, 26.	2.7	15
47	Effect of the glucagon-like peptide-1 analogue liraglutide versus placebo treatment on circulating proglucagon-derived peptides that mediate improvements in body weight, insulin secretion and action: A randomized controlled trial. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 489-498.	2.2	14
48	Relationship between Insulin Resistance and Coronary Artery Calcium in Young Men and Women. <i>PLoS ONE</i> , 2013, 8, e53316.	1.1	13
49	Salsalate-induced changes in lipid, lipoprotein, and apoprotein concentrations in overweight or obese, insulin-resistant, nondiabetic individuals. <i>Journal of Clinical Lipidology</i> , 2015, 9, 658-663.	0.6	12
50	Relationship between insulin resistance and C-reactive protein in a patient population treated with second generation antipsychotic medications. <i>International Clinical Psychopharmacology</i> , 2011, 26, 43-47.	0.9	11
51	Does enhanced insulin sensitivity improve sleep measures in patients with obstructive sleep apnea: a randomized, placebo-controlled pilot study. <i>Sleep Medicine</i> , 2016, 22, 57-60.	0.8	11
52	Utility of ALT Concentration in Men and Women with Nonalcoholic Fatty Liver Disease: Cohort Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 445.	1.0	11
53	Effect of Vitamin D Supplementation on Kidney Function in Adults with Prediabetes. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 1201-1209.	2.2	9
54	Fast PadÃ© Transform Accelerated CSI for Hyperpolarized MRS. <i>Tomography</i> , 2016, 2, 117-124.	0.8	8

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55	Safety and tolerability of high-dose daily vitamin D3 supplementation in the vitamin D and type 2 diabetes (D2d) studyâ€”a randomized trial in persons with prediabetes. <i>European Journal of Clinical Nutrition</i> , 2022, 76, 1117-1124.	1.3	8
56	Usefulness of Fetuin-A to Predict Risk for Cardiovascular Disease Among Patients With Obstructive Sleep Apnea. <i>American Journal of Cardiology</i> , 2015, 116, 219-224.	0.7	6
57	Increasing Mortality Among Patients With Diabetes and Chronic Liver Disease From 2007 to 2017. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 992-994.	2.4	6
58	A Call for a New Paradigm for Diabetes Care in the Era of Sodiumâ€”Glucose Cotransporterâˆ2 Inhibitors (SGLT2i). <i>Cardiology and Therapy</i> , 2020, 9, 219-225.	1.1	6
59	Myths about Insulin Resistance: Tribute to Gerald Reaven. <i>Endocrinology and Metabolism</i> , 2019, 34, 47.	1.3	5
60	Natural course of fatty liver in 36,195 South Korean adults. <i>Scientific Reports</i> , 2019, 9, 9062.	1.6	4
61	Longitudinal changes in left ventricular structure and function in patients with type 2 diabetes: Normal weight versus overweight/obesity. <i>Diabetes and Vascular Disease Research</i> , 2019, 16, 450-457.	0.9	4
62	A Retrospective Study Examining Phentermine on Preconception Weight Loss and Pregnancy Outcomes. <i>Endocrine Practice</i> , 2020, 26, 990-996.	1.1	3
63	Cardiometabolic Effects of Glucagon-Like Peptide-1 Agonists. <i>Current Atherosclerosis Reports</i> , 2016, 18, 7.	2.0	2
64	Effect of Pioglitazone on Cardiometabolic Risk in Patients With Obstructive Sleep Apnea. <i>American Journal of Cardiology</i> , 2017, 119, 1205-1210.	0.7	2
65	Antidiabetic medication use in patients with type 2 diabetes and chronic kidney disease. <i>Journal of Diabetes and Its Complications</i> , 2019, 33, 107423.	1.2	2
66	Cardiovascular outcomes associated with prescription of sodiumâ€”glucose coâ€”transporterâˆ2 inhibitors versus dipeptidyl peptidaseâˆ4 inhibitors in patients with diabetes and chronic kidney disease. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 928-937.	2.2	2
67	Comparison of the association with sleep apnoea of obesityversusinsulin resistance. <i>European Respiratory Journal</i> , 2015, 46, 1829-1832.	3.1	1
68	Second-Line Agents for the Treatment of Type 2 Diabetes and Prevention of CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 2104-2106.	2.2	1
69	Racial Differences in Insulin Resistance, Secretion, and Clearance. <i>Diabetes</i> , 2018, 67, .	0.3	1
70	A Nuanced Relationship Between Prediabetes and Chronic Kidney Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1906-e1907.	1.8	0