Sung Hee Choi

List of Publications by Citations

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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.

113
papers4,427
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avg, IF4.94
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#	Paper	IF	Citations
113	Increasing prevalence of metabolic syndrome in Korea: the Korean National Health and Nutrition Examination Survey for 1998-2007. <i>Diabetes Care</i> , 2011 , 34, 1323-8	14.6	459
112	Sarcopenic obesity: prevalence and association with metabolic syndrome in the Korean Longitudinal Study on Health and Aging (KLoSHA). <i>Diabetes Care</i> , 2010 , 33, 1652-4	14.6	385
111	Adipose tissue macrophages promote myelopoiesis and monocytosis in obesity. <i>Cell Metabolism</i> , 2014 , 19, 821-35	24.6	305
110	A genome-wide association study of gestational diabetes mellitus in Korean women. <i>Diabetes</i> , 2012 , 61, 531-41	0.9	169
109	Android fat depot is more closely associated with metabolic syndrome than abdominal visceral fat in elderly people. <i>PLoS ONE</i> , 2011 , 6, e27694	3.7	123
108	Sarcopenia: an independent predictor of mortality in community-dwelling older Korean men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 1244-52	6.4	116
107	A coronary heart disease prediction model: the Korean Heart Study. <i>BMJ Open</i> , 2014 , 4, e005025	3	110
106	Association of vitamin D deficiency with incidence of type 2 diabetes in high-risk Asian subjects. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 524-30	7	96
105	Abnormal liver function test predicts type 2 diabetes: a community-based prospective study. <i>Diabetes Care</i> , 2007 , 30, 2566-8	14.6	96
104	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, 2263-8	5.6	93
103	Prevalence of Diabetes and Prediabetes according to Fasting Plasma Glucose and HbA1c. <i>Diabetes and Metabolism Journal</i> , 2013 , 37, 349-57	5	93
102	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, E744-52	5.6	73
101	Prevalence and Management of Dyslipidemia in Korea: Korea National Health and Nutrition Examination Survey during 1998 to 2010. <i>Diabetes and Metabolism Journal</i> , 2013 , 37, 433-49	5	71
100	The ACC/AHA 2013 pooled cohort equations compared to a Korean Risk Prediction Model for atherosclerotic cardiovascular disease. <i>Atherosclerosis</i> , 2015 , 242, 367-75	3.1	70
99	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
98	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> , 2011 , 34, 944-9	14.6	65
97	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> , 2012 , 97, 169-78	5.6	64

96	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
95	Plasma vaspin concentrations are elevated in metabolic syndrome in men and are correlated with coronary atherosclerosis in women. <i>Clinical Endocrinology</i> , 2011 , 75, 628-35	3.4	58
94	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
93	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, 3142-8	5.6	56
92	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, 1656-62	12.7	54
91	Comparison between Dual-Energy X-ray Absorptiometry and Bioelectrical Impedance Analyses for Accuracy in Measuring Whole Body Muscle Mass and Appendicular Skeletal Muscle Mass. <i>Nutrients</i> , 2018 , 10,	6.7	53
90	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> , 2014 , 51, 739-48	3.9	52
89	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> , 2009 , 58, 8-15	12.7	52
88	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> , 2014 , 80, 57-64	3.4	49
87	Current status of glycemic control of patients with diabetes in Korea: the fifth Korea national health and nutrition examination survey. <i>Diabetes and Metabolism Journal</i> , 2014 , 38, 197-203	5	46
86	Interactions between dietary calcium intake and bone mineral density or bone geometry in a low calcium intake population (KNHANES IV 2008-2010). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 2409-17	5.6	46
85	A protein profile of visceral adipose tissues linked to early pathogenesis of type 2 diabetes mellitus. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 811-22	7.6	45
84	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, 1051	5 - 7 4	45
83	Lower-but-normal serum TSH level is associated with the development or progression of cognitive impairment in elderly: Korean Longitudinal Study on Health and Aging (KLoSHA). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 424-32	5.6	44
82	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
81	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-	.84 34	40
80	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). International Journal of Cardiology, 2015,	3.2	36
79	183, 91-7 Association of variations in TPH1 and HTR2B with gestational weight gain and measures of obesity. Obesity, 2012, 20, 233-8	8	36

78	Association between body composition and pulmonary function in elderly people: the Korean Longitudinal Study on Health and Aging. <i>Obesity</i> , 2011 , 19, 631-8	8	36
77	Effects of aerobic exercise training on C1q tumor necrosis factor Erelated protein isoform 5 (myonectin): association with insulin resistance and mitochondrial DNA density in women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E88-93	5.6	35
76	Clinical implications of adipocytokines and newly emerging metabolic factors with relation to insulin resistance and cardiovascular health. <i>Frontiers in Endocrinology</i> , 2013 , 4, 97	5.7	35
75	Assessment of appendicular skeletal muscle mass by bioimpedance in older community-dwelling Korean adults. <i>Archives of Gerontology and Geriatrics</i> , 2014 , 58, 303-7	4	34
74	Optimal HbA1c cutoff for detecting diabetic retinopathy. <i>Acta Diabetologica</i> , 2013 , 50, 837-42	3.9	33
73	The Korean Heart Study: rationale, objectives, protocol, and preliminary results for a new prospective cohort study of 430,920 men and women. <i>European Journal of Preventive Cardiology</i> , 2014 , 21, 1484-92	3.9	33
72	Factors predicting therapeutic efficacy of combination treatment with sitagliptin and metformin in type 2 diabetic patients: the COSMETIC study. <i>Clinical Endocrinology</i> , 2012 , 77, 215-23	3.4	32
71	Prediction of type 2 diabetes in women with a history of gestational diabetes using a genetic risk score. <i>Diabetologia</i> , 2013 , 56, 2556-63	10.3	32
70	Retinol binding protein-4 elevation is associated with serum thyroid-stimulating hormone level independently of obesity in elderly subjects with normal glucose tolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 2313-8	5.6	32
69	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
68	New drugs for treating dyslipidemia: beyond statins. <i>Diabetes and Metabolism Journal</i> , 2015 , 39, 87-94	5	31
67	Subsequent pregnancy after gestational diabetes mellitus: frequency and risk factors for recurrence in Korean women. <i>Diabetes Care</i> , 2008 , 31, 1867-71	14.6	31
66	Visceral fatness and insulin sensitivity in women with a previous history of gestational diabetes mellitus. <i>Diabetes Care</i> , 2007 , 30, 348-53	14.6	31
65	Sarcopenia and obesity: gender-different relationship with functional limitation in older persons. Journal of Korean Medical Science, 2013 , 28, 1041-7	4.7	29
64	Effect of metabolic syndrome on coronary artery stenosis and plaque characteristics as assessed with 64-detector row cardiac CT. <i>Radiology</i> , 2011 , 261, 437-45	20.5	29
63	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
62	Higher prevalence and awareness, but lower control rate of hypertension in patients with diabetes than general population: the fifth korean national health and nutrition examination survey in 2011. <i>Diabetes and Metabolism Journal</i> , 2014 , 38, 51-7	5	26
61	Comprehensive evaluation of coronary arteries by multidetector-row cardiac computed tomography according to the glucose level of asymptomatic individuals. <i>Atherosclerosis</i> , 2009 , 205, 156	-ể2 ¹	26

(2018-2017)

60	Rosiglitazone increases endothelial cell migration and vascular permeability through Akt phosphorylation. <i>BMC Pharmacology & Exical Systems</i> 2017, 18, 62	2.6	23
59	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
58	A genome-wide association study on thyroid function and anti-thyroid peroxidase antibodies in Koreans. <i>Human Molecular Genetics</i> , 2014 , 23, 4433-42	5.6	23
57	Efficacy and safety of ginsam, a vinegar extract from Panax ginseng, in type 2 diabetic patients: Results of a double-blind, placebo-controlled study. <i>Journal of Diabetes Investigation</i> , 2012 , 3, 309-17	3.9	23
56	Counterintuitive relationship between visceral fat and all-cause mortality in an elderly Asian population. <i>Obesity</i> , 2015 , 23, 220-7	8	22
55	Effect of carnitine-orotate complex on glucose metabolism and fatty liver: a double-blind, placebo-controlled study. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2014 , 29, 1449-57	4	20
54	Polymorphisms in KCNQ1 are associated with gestational diabetes in a Korean population. <i>Hormone Research in Paediatrics</i> , 2010 , 74, 333-8	3.3	20
53	Optimal cut points of waist circumference (WC) and visceral fat area (VFA) predicting for metabolic syndrome (MetS) in elderly population in the Korean Longitudinal Study on Health and Aging (KLoSHA). <i>Archives of Gerontology and Geriatrics</i> , 2012 , 54, e29-34	4	17
52	Comparison of regional body composition and its relation with cardiometabolic risk between BMI-matched young and old subjects. <i>Atherosclerosis</i> , 2012 , 224, 258-65	3.1	16
51	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
50	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
49	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
48	Insulin resistance and carotid atherosclerosis in patients with type 2 diabetes. <i>Atherosclerosis</i> , 2009 , 205, 309-13	3.1	14
47	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
46	Characterization of Patients with Type 2 Diabetes according to Body Mass Index: Korea National Health and Nutrition Examination Survey from 2007 to 2011. <i>Endocrinology and Metabolism</i> , 2015 , 30, 514-21	3.5	13
45	Subclinical hypothyroidism in addition to common risk scores for prediction of cardiovascular disease: a 10-year community-based cohort study. <i>European Journal of Endocrinology</i> , 2014 , 171, 649-57	. 6.5	13
44	The association of maximum body weight on the development of type 2 diabetes and microvascular complications: MAXWEL study. <i>PLoS ONE</i> , 2013 , 8, e80525	3.7	13
43	ApoB/ApoA-I ratio is independently associated with carotid atherosclerosis in type 2 diabetes mellitus with well-controlled LDL cholesterol levels. <i>Korean Journal of Internal Medicine</i> , 2018 , 33, 138-1	<i>47</i> ⁵	13

42	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
41	Efficacy of a New Medical Information system, Ubiquitous Healthcare Service with Voice Inception Technique in Elderly Diabetic Patients. <i>Scientific Reports</i> , 2015 , 5, 18214	4.9	12
40	Efficacy and Safety of Voglibose Plus Metformin in Patients with Type 2 Diabetes Mellitus: A Randomized Controlled Trial. <i>Diabetes and Metabolism Journal</i> , 2019 , 43, 276-286	5	11
39	Lactation improves pancreatic Itell mass and function through serotonin production. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	11
38	Color Doppler Ultrasonography Is a Useful Tool for Diagnosis of Peripheral Artery Disease in Type 2 Diabetes Mellitus Patients with Ankle-Brachial Index 0.91 to 1.40. <i>Diabetes and Metabolism Journal</i> , 2018 , 42, 63-73	5	11
37	PROPIT: A PROspective comparative clinical study evaluating the efficacy and safety of PITavastatin in patients with metabolic syndrome. <i>Clinical Endocrinology</i> , 2015 , 82, 670-7	3.4	10
36	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
35	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
34	Clinical Feasibility of Continuously Monitored Data for Heart Rate, Physical Activity, and Sleeping by Wearable Activity Trackers in Patients with Thyrotoxicosis: Protocol for a Prospective Longitudinal Observational Study. <i>JMIR Research Protocols</i> , 2018 , 7, e49	2	9
33	The association of rate of weight gain during early adulthood with the prevalence of subclinical coronary artery disease in recently diagnosed type 2 diabetes: the MAXWEL-CAD study. <i>Diabetes Care</i> , 2014 , 37, 2491-9	14.6	8
32	Re-highlighting the action of PPARIIn treating metabolic diseases. <i>F1000Research</i> , 2018 , 7,	3.6	8
31	Clinical Feasibility of Monitoring Resting Heart Rate Using a Wearable Activity Tracker in Patients With Thyrotoxicosis: Prospective Longitudinal Observational Study. <i>JMIR MHealth and UHealth</i> , 2018 , 6, e159	5.5	8
30	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
29	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
28	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
27	Discovery of plasma biomarkers for predicting the severity of coronary artery atherosclerosis by quantitative proteomics. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	7
26	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
25	Associations between thyroid hormone levels and regional fat accumulation in euthyroid men. <i>European Journal of Endocrinology</i> , 2013 , 168, 805-10	6.5	7

(2020-2014)

24	Efficacy and safety of weekly alendronate plus vitamin DI\$600 IU versus weekly alendronate alone in Korean osteoporotic women: 16-week randomized trial. <i>Yonsei Medical Journal</i> , 2014 , 55, 715-24	3	6
23	Effects of RJbiquitous HealthcareRon the Ability of Self-Management in Elderly Diabetic Patients. Korean Diabetes Journal, 2009 , 33, 58		6
22	Low-density lipoprotein cholesterol goal attainment rates in high-risk patients with cardiovascular diseases and diabetes mellitus in Korea: a retrospective cohort study. <i>Lipids in Health and Disease</i> , 2020 , 19, 5	4.4	5
21	Ubiquitous healthcare service has the persistent benefit on glycemic control and body weight in older adults with diabetes. <i>Diabetes Care</i> , 2012 , 35, e19	14.6	5
20	Distinct properties of adipose stem cell subpopulations determine fat depot-specific characteristics <i>Cell Metabolism</i> , 2022 ,	24.6	5
19	Probucol in Albuminuric Type 2 Diabetes Mellitus Patients on Renin-Angiotensin System Blockade: A 16-Week, Randomized, Double-Blind, Placebo-Controlled Trial. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 2108-14	9.4	5
18	Performance evaluation of the GlucoDr plus glucometer. <i>Diabetes Technology and Therapeutics</i> , 2010 , 12, 307-12	8.1	3
17	Statin Intolerance: an Overview of the Current Status and Possible Treatment Options. <i>Journal of Lipid and Atherosclerosis</i> , 2018 , 7, 77	3	3
16	Validity and Reliability of the Korean Version of the Hyperthyroidism Symptom Scale. <i>Endocrinology and Metabolism</i> , 2018 , 33, 70-78	3.5	3
15	SUDOSCAN in Combination with the Michigan Neuropathy Screening Instrument Is an Effective Tool for Screening Diabetic Peripheral Neuropathy. <i>Diabetes and Metabolism Journal</i> , 2021 ,	5	2
14	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. Diabetes and Metabolism Journal, 2017, 41, 38-50	5	1
13	Diagnosing diabetes with hemoglobin a1c: current debates and considerations for anemic patients. <i>Diabetes and Metabolism Journal</i> , 2013 , 37, 340-2	5	1
12	The Effects of Low-Dose Bisphosphonate Treatment on Bone Mineral Density and Bone Turnover Markers in Elderly Patients With Osteoporosis. <i>Annals of Geriatric Medicine and Research</i> , 2016 , 20, 131-	138	1
11	Achievement of LDL-C Targets Defined by ESC/EAS (2011) Guidelines in Risk-Stratified Korean Patients with Dyslipidemia Receiving Lipid-Modifying Treatments. <i>Endocrinology and Metabolism</i> , 2020 , 35, 367-376	3.5	1
10	Response: Characterization of Patients with Type 2 Diabetes according to Body Mass Index: Korea National Health and Nutrition Examination Survey from 2007 to 2011 (Endocrinol Metab 2015;30:514-21, Dong-Hwa Lee et al.). <i>Endocrinology and Metabolism</i> , 2016 , 31, 347-8	3.5	1
9	Economic Evaluation of Rosuvastatin and Atorvastatin for the Treatment of Dyslipidemia from a Korean Health System Perspective. <i>Journal of Lipid and Atherosclerosis</i> , 2016 , 5, 61	3	1
8	Letter: Investigating Susceptibility to Diabetes Using Features of the Adipose Tissue in Response to In Utero Polycyclic Aromatic Hydrocarbons Exposure (Diabetes Metab J 2016;40:494-508). <i>Diabetes and Metabolism Journal</i> , 2016 , 40, 509-510	5	1
7	Effect of increased levothyroxine dose on depressive mood in older adults undergoing thyroid hormone replacement therapy. <i>Clinical Endocrinology</i> , 2020 , 93, 196-203	3.4	1

6	Development of a clinical risk score for incident diabetes: A 10-year prospective cohort study. Journal of Diabetes Investigation, 2021 , 12, 610-618	3.9	1
5	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	3.5	1
4	Liver Fibrosis Indices for the Prediction of Mortality in Korean Subjects: A 16-Year Prospective Cohort Study. <i>Journal of the Endocrine Society</i> , 2021 , 5, bvab123	0.4	1
3	The Presence of Clonal Hematopoiesis Is Negatively Associated with Diabetic Peripheral Neuropathy in Type 2 Diabetes <i>Endocrinology and Metabolism</i> , 2022 , 37, 243-248	3.5	1
2	Letter: Impact of HbA1c Criterion on the Detection of Subjects with Increased Risk for Diabetes among Health Check-Up Recipients in Korea (Diabetes Metab J 2012;36:151-6). <i>Diabetes and Metabolism Journal</i> , 2012 , 36, 251-2	5	