Sung Hee Choi

List of Publications by Year in Descending Order

113 papers	4,427 citations	36 h-index	64 g-index
115 ext. papers	5,131 ext. citations	6 avg, IF	4.94 L-index

#	Paper	IF	Citations
113	Distinct properties of adipose stem cell subpopulations determine fat depot-specific characteristics.. *Cell Metabolism*, **2022**,	24.6	5
112	The Presence of Clonal Hematopoiesis Is Negatively Associated with Diabetic Peripheral Neuropathy in Type 2 Diabetes.. *Endocrinology and Metabolism*, **2022**, 37, 243-248	3.5	1
111	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
110	Longitudinal Changes of High Molecular Weight Adiponectin are Associated with Postpartum Development of Type 2 Diabetes Mellitus in Patients with Gestational Diabetes Mellitus. *Endocrinology and Metabolism*, **2021**, 36, 114-122	3.5	1
109	Liver Fibrosis Indices for the Prediction of Mortality in Korean Subjects: A 16-Year Prospective Cohort Study. *Journal of the Endocrine Society*, **2021**, 5, bvab123	0.4	1
108	SUDOSCAN in Combination with the Michigan Neuropathy Screening Instrument Is an Effective Tool for Screening Diabetic Peripheral Neuropathy. *Diabetes and Metabolism Journal*, **2021**,	5	2
107	Lactation improves pancreatic βcell mass and function through serotonin production. *Science Translational Medicine*, **2020**, 12,	17.5	11
106	Low-density lipoprotein cholesterol goal attainment rates in high-risk patients with cardiovascular diseases and diabetes mellitus in Korea: a retrospective cohort study. *Lipids in Health and Disease*, **2020**, 19, 5	4.4	5
105	Discovery of plasma biomarkers for predicting the severity of coronary artery atherosclerosis by quantitative proteomics. *BMJ Open Diabetes Research and Care*, **2020**, 8,	4.5	7
104	Achievement of LDL-C Targets Defined by ESC/EAS (2011) Guidelines in Risk-Stratified Korean Patients with Dyslipidemia Receiving Lipid-Modifying Treatments. *Endocrinology and Metabolism*, **2020**, 35, 367-376	3.5	1
103	Estimated Association Between Cytokines and the Progression to Diabetes: 10-year Follow-Up From a Community-Based Cohort. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	8
102	Effect of increased levothyroxine dose on depressive mood in older adults undergoing thyroid hormone replacement therapy. *Clinical Endocrinology*, **2020**, 93, 196-203	3.4	1
101	Efficacy and Safety of Voglibose Plus Metformin in Patients with Type 2 Diabetes Mellitus: A Randomized Controlled Trial. *Diabetes and Metabolism Journal*, **2019**, 43, 276-286	5	11
100	Oral Glucose Tolerance Testing Allows Better Prediction of Diabetes in Women with a History of Gestational Diabetes Mellitus. *Diabetes and Metabolism Journal*, **2019**, 43, 342-349	5	7
99	Effect of cilostazol, a phosphodiesterase-3 inhibitor, on coronary artery stenosis and plaque characteristics in patients with type 2 diabetes: ESCAPE study. *Diabetes, Obesity and Metabolism*, **2019**, 21, 1409-1418	6.7	7
98	Response: Efficacy and Safety of Voglibose Plus Metformin in Patients with Type 2 Diabetes Mellitus: A Randomized Controlled Trial (2019;43;276-86). *Diabetes and Metabolism Journal*, **2019**, 43, 547-548	5	
97	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. *BMJ Open Diabetes Research and Care*, **2019**, 7, e000776	4.5	13

96	Body-Weight Fluctuation and Incident Diabetes Mellitus, Cardiovascular Disease, and Mortality: A 16-Year Prospective Cohort Study. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 639-646	5.6	41
95	Longitudinal Changes in Muscle Mass and Strength, and Bone Mass in Older Adults: Gender-Specific Associations Between Muscle and Bone Losses. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2018**, 73, 1062-1069	6.4	23
94	Comparison between Dual-Energy X-ray Absorptiometry and Bioelectrical Impedance Analyses for Accuracy in Measuring Whole Body Muscle Mass and Appendicular Skeletal Muscle Mass. *Nutrients*, **2018**, 10,	6.7	53
93	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. *Diabetes and Metabolism Journal*, **2018**, 42, 63-73	5	11
92	Re-highlighting the action of PPARγ in treating metabolic diseases. *F1000Research*, **2018**, 7,	3.6	8
91	Clinical Feasibility of Monitoring Resting Heart Rate Using a Wearable Activity Tracker in Patients With Thyrotoxicosis: Prospective Longitudinal Observational Study. *JMIR MHealth and UHealth*, **2018**, 6, e159	5.5	8
90	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. *JMIR Research Protocols*, **2018**, 7, e49	2	9
89	ApoB/ApoA-I ratio is independently associated with carotid atherosclerosis in type 2 diabetes mellitus with well-controlled LDL cholesterol levels. *Korean Journal of Internal Medicine*, **2018**, 33, 138-147	2.5	13
88	Statin Intolerance: an Overview of the Current Status and Possible Treatment Options. *Journal of Lipid and Atherosclerosis*, **2018**, 7, 77	3	3
87	A mitochondrial proteome profile indicative of type 2 diabetes mellitus in skeletal muscles. *Experimental and Molecular Medicine*, **2018**, 50, 1-14	12.8	16
86	Validity and Reliability of the Korean Version of the Hyperthyroidism Symptom Scale. *Endocrinology and Metabolism*, **2018**, 33, 70-78	3.5	3
85	Rosiglitazone increases endothelial cell migration and vascular permeability through Akt phosphorylation. *BMC Pharmacology & Toxicology*, **2017**, 18, 62	2.6	23
84	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
83	Total and differential WBC counts are related with coronary artery atherosclerosis and increase the risk for cardiovascular disease in Koreans. *PLoS ONE*, **2017**, 12, e0180332	3.7	14
82	Metabolic syndrome independently predicts future diabetes in women with a history of gestational diabetes mellitus. *Medicine (United States)*, **2016**, 95, e4582	1.8	7
81	Multifactorial intervention in diabetes care using real-time monitoring and tailored feedback in type 2 diabetes. *Acta Diabetologica*, **2016**, 53, 189-98	3.9	66
80	Comparison between two methods of bioelectrical impedance analyses for accuracy in measuring abdominal visceral fat area. *Journal of Diabetes and Its Complications*, **2016**, 30, 343-9	3.2	57
79	Comparison of different statin therapy to change low-density lipoprotein cholesterol and high-density lipoprotein cholesterol level in Korean patients with and without diabetes. *Journal of Clinical Lipidology*, **2016**, 10, 528-537.e3	4.9	10

78	The Effects of Low-Dose Bisphosphonate Treatment on Bone Mineral Density and Bone Turnover Markers in Elderly Patients With Osteoporosis. *Annals of Geriatric Medicine and Research*, **2016**, 20, 131-136	2.9	1
77	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.). *Endocrinology and Metabolism*, **2016**, 31, 347-8	3.5	1
76	Economic Evaluation of Rosuvastatin and Atorvastatin for the Treatment of Dyslipidemia from a Korean Health System Perspective. *Journal of Lipid and Atherosclerosis*, **2016**, 5, 61	3	1
75	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). *Diabetes and Metabolism Journal*, **2016**, 40, 509-510	5	1
74	Predictive Values of the New Sarcopenia Index by the Foundation for the National Institutes of Health Sarcopenia Project for Mortality among Older Korean Adults. *PLoS ONE*, **2016**, 11, e0166344	3.7	29
73	Hyperglycemia Is Associated with Impaired Muscle Quality in Older Men with Diabetes: The Korean Longitudinal Study on Health and Aging. *Diabetes and Metabolism Journal*, **2016**, 40, 140-6	5	64
72	Impact of metabolic syndrome on the progression of coronary calcium and of coronary artery disease assessed by repeated cardiac computed tomography scans. *Cardiovascular Diabetology*, **2016**, 15, 92	8.7	16
71	Probucol in Albuminuric Type 2 Diabetes Mellitus Patients on Renin-Angiotensin System Blockade: A 16-Week, Randomized, Double-Blind, Placebo-Controlled Trial. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 2108-14	9.4	5
70	PROPIT: A PROspective comparative clinical study evaluating the efficacy and safety of PITavastatin in patients with metabolic syndrome. *Clinical Endocrinology*, **2015**, 82, 670-7	3.4	10
69	Weight Gain and Progression to Type 2 Diabetes in Women With a History of Gestational Diabetes Mellitus. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, 3548-55	5.6	31
68	The ACC/AHA 2013 pooled cohort equations compared to a Korean Risk Prediction Model for atherosclerotic cardiovascular disease. *Atherosclerosis*, **2015**, 242, 367-75	3.1	70
67	Efficacy of a New Medical Information system, Ubiquitous Healthcare Service with Voice Inception Technique in Elderly Diabetic Patients. *Scientific Reports*, **2015**, 5, 18214	4.9	12
66	Comparison of Abdominal Visceral Adipose Tissue Area Measured by Computed Tomography with That Estimated by Bioelectrical Impedance Analysis Method in Korean Subjects. *Nutrients*, **2015**, 7, 10513-24	6.7	45
65	Characterization of Patients with Type 2 Diabetes according to Body Mass Index: Korea National Health and Nutrition Examination Survey from 2007 to 2011. *Endocrinology and Metabolism*, **2015**, 30, 514-21	3.5	13
64	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. *Cardiovascular Diabetology*, **2015**, 14, 50	8.7	9
63	New drugs for treating dyslipidemia: beyond statins. *Diabetes and Metabolism Journal*, **2015**, 39, 87-94	5	31
62	Counterintuitive relationship between visceral fat and all-cause mortality in an elderly Asian population. *Obesity*, **2015**, 23, 220-7	8	22
61	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**, 183, 91-7	3.2	36

60	Four-Year Durability of Initial Combination Therapy with Sitagliptin and Metformin in Patients with Type 2 Diabetes in Clinical Practice; COSMIC Study. *PLoS ONE*, **2015**, 10, e0129477	3.7	15
59	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). *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 424-32	5.6	44
58	Sarcopenia: an independent predictor of mortality in community-dwelling older Korean men. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2014**, 69, 1244-52	6.4	116
57	A protein profile of visceral adipose tissues linked to early pathogenesis of type 2 diabetes mellitus. *Molecular and Cellular Proteomics*, **2014**, 13, 811-22	7.6	45
56	Effect of carnitine-orotate complex on glucose metabolism and fatty liver: a double-blind, placebo-controlled study. *Journal of Gastroenterology and Hepatology (Australia)*, **2014**, 29, 1449-57	4	20
55	Differences in pancreatic volume, fat content, and fat density measured by multidetector-row computed tomography according to the duration of diabetes. *Acta Diabetologica*, **2014**, 51, 739-48	3.9	52
54	Assessment of appendicular skeletal muscle mass by bioimpedance in older community-dwelling Korean adults. *Archives of Gerontology and Geriatrics*, **2014**, 58, 303-7	4	34
53	Serum FGF21 concentration is associated with hypertriglyceridaemia, hyperinsulinaemia and pericardial fat accumulation, independently of obesity, but not with current coronary artery status. *Clinical Endocrinology*, **2014**, 80, 57-64	3.4	49
52	Efficacy and safety of weekly alendronate plus vitamin D 5600 IU versus weekly alendronate alone in Korean osteoporotic women: 16-week randomized trial. *Yonsei Medical Journal*, **2014**, 55, 715-24	3	6
51	Current status of glycemic control of patients with diabetes in Korea: the fifth Korea national health and nutrition examination survey. *Diabetes and Metabolism Journal*, **2014**, 38, 197-203	5	46
50	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. *Diabetes and Metabolism Journal*, **2014**, 38, 51-7	5	26
49	Interactions between dietary calcium intake and bone mineral density or bone geometry in a low calcium intake population (KNHANES IV 2008-2010). *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 2409-17	5.6	46
48	A genome-wide association study on thyroid function and anti-thyroid peroxidase antibodies in Koreans. *Human Molecular Genetics*, **2014**, 23, 4433-42	5.6	23
47	The Korean Heart Study: rationale, objectives, protocol, and preliminary results for a new prospective cohort study of 430,920 men and women. *European Journal of Preventive Cardiology*, **2014**, 21, 1484-92	3.9	33
46	A coronary heart disease prediction model: the Korean Heart Study. *BMJ Open*, **2014**, 4, e005025	3	110
45	Subclinical hypothyroidism in addition to common risk scores for prediction of cardiovascular disease: a 10-year community-based cohort study. *European Journal of Endocrinology*, **2014**, 171, 649-57	6.5	13
44	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. *Diabetes Care*, **2014**, 37, 2491-9	14.6	8
43	Adipose tissue macrophages promote myelopoiesis and monocytosis in obesity. *Cell Metabolism*, **2014**, 19, 821-35	24.6	305

42	Optimal HbA1c cutoff for detecting diabetic retinopathy. *Acta Diabetologica*, **2013**, 50, 837-42	3.9	33
41	Prediction of type 2 diabetes in women with a history of gestational diabetes using a genetic risk score. *Diabetologia*, **2013**, 56, 2556-63	10.3	32
40	Clinical and genetic risk factors for type 2 diabetes at early or late post partum after gestational diabetes mellitus. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E744-52	5.6	73
39	Clinical implications of adipocytokines and newly emerging metabolic factors with relation to insulin resistance and cardiovascular health. *Frontiers in Endocrinology*, **2013**, 4, 97	5.7	35
38	Associations between thyroid hormone levels and regional fat accumulation in euthyroid men. *European Journal of Endocrinology*, **2013**, 168, 805-10	6.5	7
37	Association of vitamin D deficiency with incidence of type 2 diabetes in high-risk Asian subjects. *American Journal of Clinical Nutrition*, **2013**, 97, 524-30	7	96
36	Prevalence and Management of Dyslipidemia in Korea: Korea National Health and Nutrition Examination Survey during 1998 to 2010. *Diabetes and Metabolism Journal*, **2013**, 37, 433-49	5	71
35	Diagnosing diabetes with hemoglobin a1c: current debates and considerations for anemic patients. *Diabetes and Metabolism Journal*, **2013**, 37, 340-2	5	1
34	Sarcopenia and obesity: gender-different relationship with functional limitation in older persons. *Journal of Korean Medical Science*, **2013**, 28, 1041-7	4.7	29
33	The association of maximum body weight on the development of type 2 diabetes and microvascular complications: MAXWEL study. *PLoS ONE*, **2013**, 8, e80525	3.7	13
32	Prevalence of Diabetes and Prediabetes according to Fasting Plasma Glucose and HbA1c. *Diabetes and Metabolism Journal*, **2013**, 37, 349-57	5	93
31	Factors predicting therapeutic efficacy of combination treatment with sitagliptin and metformin in type 2 diabetic patients: the COSMETIC study. *Clinical Endocrinology*, **2012**, 77, 215-23	3.4	32
30	A genome-wide association study of gestational diabetes mellitus in Korean women. *Diabetes*, **2012**, 61, 531-41	0.9	169
29	Association of variations in TPH1 and HTR2B with gestational weight gain and measures of obesity. *Obesity*, **2012**, 20, 233-8	8	36
28	Comparison of regional body composition and its relation with cardiometabolic risk between BMI-matched young and old subjects. *Atherosclerosis*, **2012**, 224, 258-65	3.1	16
27	Effects of aerobic exercise training on C1q tumor necrosis factor α-related protein isoform 5 (myonectin): association with insulin resistance and mitochondrial DNA density in women. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, E88-93	5.6	35
26	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). *Diabetes and Metabolism Journal*, **2012**, 36, 251-2	5	
25	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). *Archives of Gerontology and Geriatrics*, **2012**, 54, e29-34	4	17

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24	Ubiquitous healthcare service has the persistent benefit on glycemic control and body weight in older adults with diabetes. *Diabetes Care*, **2012**, 35, e19	14.6	5
23	Vitamin D inadequacy is associated with significant coronary artery stenosis in a community-based elderly cohort: the Korean Longitudinal Study on Health and Aging. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, 169-78	5.6	64
22	Efficacy and safety of ginsam, a vinegar extract from Panax ginseng, in type 2 diabetic patients: Results of a double-blind, placebo-controlled study. *Journal of Diabetes Investigation*, **2012**, 3, 309-17	3.9	23
21	Plasma vaspin concentrations are elevated in metabolic syndrome in men and are correlated with coronary atherosclerosis in women. *Clinical Endocrinology*, **2011**, 75, 628-35	3.4	58
20	Association between body composition and pulmonary function in elderly people: the Korean Longitudinal Study on Health and Aging. *Obesity*, **2011**, 19, 631-8	8	36
19	Pericardial fat amount is an independent risk factor of coronary artery stenosis assessed by multidetector-row computed tomography: the Korean Atherosclerosis Study 2. *Obesity*, **2011**, 19, 1028-34	8	40
18	Effect of metabolic syndrome on coronary artery stenosis and plaque characteristics as assessed with 64-detector row cardiac CT. *Radiology*, **2011**, 261, 437-45	20.5	29
17	Hemoglobin A1c as a diagnostic tool for diabetes screening and new-onset diabetes prediction: a 6-year community-based prospective study. *Diabetes Care*, **2011**, 34, 944-9	14.6	65
16	Increasing prevalence of metabolic syndrome in Korea: the Korean National Health and Nutrition Examination Survey for 1998-2007. *Diabetes Care*, **2011**, 34, 1323-8	14.6	459
15	Android fat depot is more closely associated with metabolic syndrome than abdominal visceral fat in elderly people. *PLoS ONE*, **2011**, 6, e27694	3.7	123
14	Sarcopenic obesity: prevalence and association with metabolic syndrome in the Korean Longitudinal Study on Health and Aging (KLoSHA). *Diabetes Care*, **2010**, 33, 1652-4	14.6	385
13	Polymorphisms in KCNQ1 are associated with gestational diabetes in a Korean population. *Hormone Research in Paediatrics*, **2010**, 74, 333-8	3.3	20
12	Performance evaluation of the GlucoDr plus glucometer. *Diabetes Technology and Therapeutics*, **2010**, 12, 307-12	8.1	3
11	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. *Metabolism: Clinical and Experimental*, **2010**, 59, 1656-62	12.7	54
10	Comprehensive evaluation of coronary arteries by multidetector-row cardiac computed tomography according to the glucose level of asymptomatic individuals. *Atherosclerosis*, **2009**, 205, 156-62	3.1	26
9	Insulin resistance and carotid atherosclerosis in patients with type 2 diabetes. *Atherosclerosis*, **2009**, 205, 309-13	3.1	14
8	Effect of ginsam, a vinegar extract from Panax ginseng, on body weight and glucose homeostasis in an obese insulin-resistant rat model. *Metabolism: Clinical and Experimental*, **2009**, 58, 8-15	12.7	52
7	Effects of "Ubiquitous Healthcare" on the Ability of Self-Management in Elderly Diabetic Patients. *Korean Diabetes Journal*, **2009**, 33, 58		6

6	Insulin-sensitizing effects of exercise on adiponectin and retinol-binding protein-4 concentrations in young and middle-aged women. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 2263-8	5.6	93
5	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. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 3142-8	5.6	56
4	Subsequent pregnancy after gestational diabetes mellitus: frequency and risk factors for recurrence in Korean women. *Diabetes Care*, **2008**, 31, 1867-71	14.6	31
3	Retinol binding protein-4 elevation is associated with serum thyroid-stimulating hormone level independently of obesity in elderly subjects with normal glucose tolerance. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 2313-8	5.6	32
2	Abnormal liver function test predicts type 2 diabetes: a community-based prospective study. *Diabetes Care*, **2007**, 30, 2566-8	14.6	96
1	Visceral fatness and insulin sensitivity in women with a previous history of gestational diabetes mellitus. *Diabetes Care*, **2007**, 30, 348-53	14.6	31