

# Liang Sun

## List of Publications by Year in descending order

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77  
papers

3,207  
citations

257450

24  
h-index

182427

51  
g-index

80  
all docs

80  
docs citations

80  
times ranked

6581  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. PLoS Medicine, 2017, 14, e1002383.	8.4	341
2	The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860.	21.4	341
3	Single-Cell Transcriptomic Atlas of Primate Ovarian Aging. Cell, 2020, 180, 585-600.e19.	28.9	306
4	A Marker of Endotoxemia Is Associated With Obesity and Related Metabolic Disorders in Apparently Healthy Chinese. Diabetes Care, 2010, 33, 1925-1932.	8.6	230
5	Serum Uric Acid Levels and Risk of Metabolic Syndrome: A Dose-Response Meta-Analysis of Prospective Studies. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4198-4207.	3.6	180
6	Early Prediction of Developing Type 2 Diabetes by Plasma Acylcarnitines: A Population-Based Study. Diabetes Care, 2016, 39, 1563-1570.	8.6	132
7	Exome chip meta-analysis identifies novel loci and East Asian-specific coding variants that contribute to lipid levels and coronary artery disease. Nature Genetics, 2017, 49, 1722-1730.	21.4	129
8	A single-cell transcriptomic landscape of the lungs of patients with COVID-19. Nature Cell Biology, 2021, 23, 1314-1328.	10.3	91
9	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. Nature Genetics, 2019, 51, 452-469.	21.4	89
10	Chemical screen identifies a geroprotective role of quercetin in premature aging. Protein and Cell, 2019, 10, 417-435.	11.0	88
11	Single-cell transcriptomic atlas of primate cardiopulmonary aging. Cell Research, 2021, 31, 415-432.	12.0	88
12	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. Nature Communications, 2018, 9, 5052.	12.8	75
13	Associations between Ionic Profile and Metabolic Abnormalities in Human Population. PLoS ONE, 2012, 7, e38845.	2.5	69
14	Nickel exposure is associated with the prevalence of type 2 diabetes in Chinese adults. International Journal of Epidemiology, 2015, 44, 240-248.	1.9	62
15	Vitamin C alleviates aging defects in a stem cell model for Werner syndrome. Protein and Cell, 2016, 7, 478-488.	11.0	58
16	Associations among circulating sphingolipids, Î²-cell function, and risk of developing type 2 diabetes: A population-based cohort study in China. PLoS Medicine, 2020, 17, e1003451.	8.4	55
17	Association between APOC1 Polymorphism and Alzheimer's Disease: A Case-Control Study and Meta-Analysis. PLoS ONE, 2014, 9, e87017.	2.5	55
18	Elevated Plasma Ferritin Is Associated with Increased Incidence of Type 2 Diabetes in Middle-Aged and Elderly Chinese Adults. Journal of Nutrition, 2013, 143, 1459-1465.	2.9	50

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19	Cross-species metabolomic analysis identifies uridine as a potent regeneration promoting factor. <i>Cell Discovery</i> , 2022, 8, 6.	6.7	50
20	Genome-wide meta-analyses identify novel loci associated with n-3 and n-6 polyunsaturated fatty acid levels in Chinese and European-ancestry populations. <i>Human Molecular Genetics</i> , 2016, 25, 1215-1224.	2.9	42
21	Snoring, Inflammatory Markers, Adipokines and Metabolic Syndrome in Apparently Healthy Chinese. <i>PLoS ONE</i> , 2011, 6, e27515.	2.5	38
22	A single-cell transcriptomic atlas of primate pancreatic islet aging. <i>National Science Review</i> , 2021, 8, nwaa127.	9.5	37
23	Associations of Genetic Risk Score with Obesity and Related Traits and the Modifying Effect of Physical Activity in a Chinese Han Population. <i>PLoS ONE</i> , 2014, 9, e91442.	2.5	34
24	Copper exposure association with prevalence of non-alcoholic fatty liver disease and insulin resistance among US adults (NHANES 2011-2014). <i>Ecotoxicology and Environmental Safety</i> , 2021, 218, 112295.	6.0	28
25	FOXO3-engineered human mesenchymal progenitor cells efficiently promote cardiac repair after myocardial infarction. <i>Protein and Cell</i> , 2021, 12, 145-151.	11.0	27
26	FOXO3 variants are beneficial for longevity in Southern Chinese living in the Red River Basin: A case-control study and meta-analysis. <i>Scientific Reports</i> , 2015, 5, 9852.	3.3	25
27	Association Between Gut Akkermansia and Metabolic Syndrome is Dose-Dependent and Affected by Microbial Interactions: A Cross-Sectional Study. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 2177-2188.	2.4	25
28	The development and validation of new equations for estimating body fat percentage among Chinese men and women. <i>British Journal of Nutrition</i> , 2015, 113, 1365-1372.	2.3	24
29	CRISPR/Cas9-mediated gene knockout reveals a guardian role of NF- $\kappa$ B/RelA in maintaining the homeostasis of human vascular cells. <i>Protein and Cell</i> , 2018, 9, 945-965.	11.0	20
30	CTLA4 Variants and Haplotype Contribute Genetic Susceptibility to Myasthenia Gravis in Northern Chinese Population. <i>PLoS ONE</i> , 2014, 9, e101986.	2.5	20
31	Trans-Ethnic Shift of the Risk Genotype in the CETP I405V with Longevity: A Chinese Case-Control Study and Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e72537.	2.5	19
32	Retinol binding protein 4 and risk of type 2 diabetes in Singapore Chinese men and women: a nested case-control study. <i>Nutrition and Metabolism</i> , 2019, 16, 3.	3.0	18
33	Gene-gene interaction between CETP and APOE polymorphisms confers higher risk for hypertriglyceridemia in oldest-old Chinese women. <i>Experimental Gerontology</i> , 2014, 55, 129-133.	2.8	17
34	The Role of Osteopontin and Its Gene on Glucocorticoid Response in Myasthenia Gravis. <i>Frontiers in Neurology</i> , 2017, 8, 230.	2.4	16
35	Development of a New Risk Score for Incident Type 2 Diabetes Using Updated Diagnostic Criteria in Middle-Aged and Older Chinese. <i>PLoS ONE</i> , 2014, 9, e97042.	2.5	15
36	Coding-sequence variants are associated with blood lipid levels in 14,473 Chinese. <i>Human Molecular Genetics</i> , 2016, 25, 4107-4116.	2.9	14

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37	A dose-response study of vitamin D3 supplementation in healthy Chinese: a 5-arm randomized, placebo-controlled trial. <i>European Journal of Nutrition</i> , 2016, 55, 383-392.	3.9	14
38	Associations of plasma glycerophospholipid profile with modifiable lifestyles and incident diabetes in middle-aged and older Chinese. <i>Diabetologia</i> , 2022, 65, 315-328.	6.3	14
39	The roles of cell-cell and organ-organ crosstalk in the type 2 diabetes mellitus associated inflammatory microenvironment. <i>Cytokine and Growth Factor Reviews</i> , 2022, 66, 15-25.	7.2	14
40	Iso-caloric-restricted Mediterranean Diet and Chinese Diets High or Low in Plants in Adults With Prediabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 2216-2227.	3.6	14
41	The ENPP1 K121Q polymorphism is not associated with type 2 diabetes in northern Chinese. <i>Acta Diabetologica</i> , 2011, 48, 303-310.	2.5	13
42	Elevated plasma tumor necrosis factor- $\alpha$ receptor 2 and resistin are associated with increased incidence of kidney function decline in Chinese adults. <i>Endocrine</i> , 2016, 52, 541-549.	2.3	13
43	Circulating Glycerolipids, Fatty Liver Index, and Incidence of Type 2 Diabetes: A Prospective Study Among Chinese. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2010-2020.	3.6	13
44	Lean Body Mass, Interleukin 18, and Metabolic Syndrome in Apparently Healthy Chinese. <i>PLoS ONE</i> , 2011, 6, e18104.	2.5	13
45	Plasma glycerophospholipid profile, erythrocyte n-3 PUFAs, and metabolic syndrome incidence: a prospective study in Chinese men and women. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 143-153.	4.7	12
46	Erythrocyte PUFAs, circulating acylcarnitines, and metabolic syndrome risk: a prospective study in Chinese. <i>Journal of Lipid Research</i> , 2019, 60, 421-429.	4.2	10
47	Replacing white rice bars with peanuts as snacks in the habitual diet improves metabolic syndrome risk among Chinese adults: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 28-35.	4.7	10
48	Gender-Specific DNA Methylome Analysis of a Han Chinese Longevity Population. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	9
49	Nickel exposure and prevalent albuminuria and $\beta$ 2-microglobulinuria: evidence from a population-based study. <i>Journal of Epidemiology and Community Health</i> , 2016, 70, 437-443.	3.7	9
50	The effects of energy intake of four different feeding patterns in rats. <i>Experimental Biology and Medicine</i> , 2016, 241, 52-59.	2.4	9
51	Urinary ionic analysis reveals new relationship between minerals and longevity in a Han Chinese population. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 53, 69-75.	3.0	9
52	Fatty acids and cardiometabolic health: a review of studies in Chinese populations. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 253-266.	2.9	9
53	The Cumulative Effect of Gene-Gene and Gene-Environment Interactions on the Risk of Prostate Cancer in Chinese Men. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 162.	2.6	8
54	Heterogeneity of Associations between Total and Types of Fish Intake and the Incidence of Type 2 Diabetes: Federated Meta-Analysis of 28 Prospective Studies Including 956,122 Participants. <i>Nutrients</i> , 2021, 13, 1223.	4.1	8

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55	Changes in Plasma Metabolome Profiles Following Oral Glucose Challenge among Adult Chinese. <i>Nutrients</i> , 2021, 13, 1474.	4.1	8
56	Effects of gut microbiota and fatty acid metabolism on dyslipidemia following weight-loss diets in women: Results from a randomized controlled trial. <i>Clinical Nutrition</i> , 2021, 40, 5511-5520.	5.0	8
57	Reservoir hosts prediction for COVID-19 by hybrid transfer learning model. <i>Journal of Biomedical Informatics</i> , 2021, 117, 103736.	4.3	7
58	Urinary element profiles and associations with cardiometabolic diseases: A cross-sectional study across ten areas in China. <i>Environmental Research</i> , 2022, 205, 112535.	7.5	7
59	Cholecalciferol Supplementation Promotes Bone Turnover in Chinese Adults with Vitamin D Deficiency. <i>Journal of Nutrition</i> , 2018, 148, 746-751.	2.9	6
60	Gut Microbiota Composition is Associated with Responses to Peanut Intervention in Multiple Parameters Among Adults with Metabolic Syndrome Risk. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2001051.	3.3	6
61	TWIST2: A new candidate tumor suppressor in prostate cancer. <i>Prostate</i> , 2019, 79, 1647-1657.	2.3	5
62	Linking of metabolomic biomarkers with cardiometabolic health in Chinese population. <i>Journal of Diabetes</i> , 2019, 11, 280-291.	1.8	5
63	Different Isocaloric Meals and Adiposity Modify Energy Expenditure and Clinical and Metabolomic Biomarkers During Resting and Exercise States in a Randomized Crossover Acute Trial of Normal-Weight and Overweight/Obese Men. <i>Journal of Nutrition</i> , 2022, 152, 1118-1129.	2.9	5
64	Lipidomic Signatures of Dairy Consumption and Associated Changes in Blood Pressure and Other Cardiovascular Risk Factors Among Chinese Adults. <i>Hypertension</i> , 2022, 79, 1617-1628.	2.7	5
65	Application of Urinary Polyphenol Biomarkers Measured by Liquid Chromatography Tandem Mass Spectrometry to Assess Polyphenol Intake and Their Association with Overweight and Obesity in Free-Living Healthy Subjects. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	4.0	4
66	A description of the relationship in healthy longevity and aging-related disease: from gene to protein. <i>Immunity and Ageing</i> , 2021, 18, 30.	4.2	4
67	Plasma Sphingolipid Profile in Association with Incident Metabolic Syndrome in a Chinese Population-Based Cohort Study. <i>Nutrients</i> , 2021, 13, 2263.	4.1	4
68	HDL quality features revealed by proteome-lipidome connectivity are associated with atherosclerotic disease. <i>Journal of Molecular Cell Biology</i> , 2022, , .	3.3	4
69	Genetic susceptibility, dietary cholesterol intake, and plasma cholesterol levels in a Chinese population. <i>Journal of Lipid Research</i> , 2020, 61, 1504-1511.	4.2	3
70	Identification of cardiovascular health gene variants related to longevity in a Chinese population. <i>Aging</i> , 2020, 12, 16775-16802.	3.1	3
71	Lipidomics reveals association of circulating lipids with body mass index and outcomes in IgA nephropathy patients. <i>Journal of Molecular Cell Biology</i> , 2021, , .	3.3	2
72	Age-Based Differences in the Genetic Determinants of Glycemic Control: A Case of FOXO3 Variations. <i>PLoS ONE</i> , 2015, 10, e0126696.	2.5	2

#	ARTICLE	IF	CITATIONS
73	The older, the less potential benefit for type 2 diabetes from weight control. BMC Geriatrics, 2022, 22, 346.	2.7	1
74	662 A/G gene variation in human tumor necrosis factor receptor superfamily, member 9 (TNFRSF9). Frontiers of Medicine in China, 2008, 2, 283-285.	0.1	0
75	Identification and replication of novel genetic variants of ABO gene to reduce the incidence of diseases and promote longevity by modulating lipid homeostasis. Aging, 2021, 13, 24655-24674.	3.1	0
76	Associations of erythrocyte polyunsaturated fatty acids with incidence of stroke and stroke types in adult Chinese: a prospective study of over 8000 individuals. European Journal of Nutrition, 2022, , 1.	3.9	0
77	Reply to KR Short. Journal of Nutrition, 0, , .	2.9	0