

Liang Sun

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	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
4	Cross-species metabolomic analysis identifies uridine as a potent regeneration promoting factor. <i>Cell Discovery</i> , 2022, 8, 6.	6.7	50
5	HDL quality features revealed by proteome-lipidome connectivity are associated with atherosclerotic disease. <i>Journal of Molecular Cell Biology</i> , 2022, , .	3.3	4
6	The older, the less potential benefit for type 2 diabetes from weight control. <i>BMC Geriatrics</i> , 2022, 22, 346.	2.7	1
7	Associations of erythrocyte polyunsaturated fatty acids with incidence of stroke and stroke types in adult Chinese: a prospective study of over 8000 individuals. <i>European Journal of Nutrition</i> , 2022, , 1.	3.9	0
8	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
9	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
10	Isocaloric-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
11	A single-cell transcriptomic atlas of primate pancreatic islet aging. <i>National Science Review</i> , 2021, 8, nwaa127.	9.5	37
12	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
13	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
14	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
15	Single-cell transcriptomic atlas of primate cardiopulmonary aging. <i>Cell Research</i> , 2021, 31, 415-432.	12.0	88
16	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
17	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
18	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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19	Changes in Plasma Metabolome Profiles Following Oral Glucose Challenge among Adult Chinese. <i>Nutrients</i> , 2021, 13, 1474.	4.1	8
20	Reservoir hosts prediction for COVID-19 by hybrid transfer learning model. <i>Journal of Biomedical Informatics</i> , 2021, 117, 103736.	4.3	7
21	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
22	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341
23	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
24	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
25	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
26	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
27	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
28	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
29	Identification and replication of novel genetic variants of ABO gene to reduce the incidence of diseases and promote longevity by modulating lipid homeostasis. <i>Aging</i> , 2021, 13, 24655-24674.	3.1	0
30	A single-cell transcriptomic landscape of the lungs of patients with COVID-19. <i>Nature Cell Biology</i> , 2021, 23, 1314-1328.	10.3	91
31	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
32	Single-Cell Transcriptomic Atlas of Primate Ovarian Aging. <i>Cell</i> , 2020, 180, 585-600.e19.	28.9	306
33	Associations among circulating sphingolipids, β -cell function, and risk of developing type 2 diabetes: A population-based cohort study in China. <i>PLoS Medicine</i> , 2020, 17, e1003451.	8.4	55
34	Identification of cardiovascular health gene variants related to longevity in a Chinese population. <i>Aging</i> , 2020, 12, 16775-16802.	3.1	3
35	Chemical screen identifies a geroprotective role of quercetin in premature aging. <i>Protein and Cell</i> , 2019, 10, 417-435.	11.0	88
36	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

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37	TWIST2: A new candidate tumor suppressor in prostate cancer. <i>Prostate</i> , 2019, 79, 1647-1657.	2.3	5
38	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
39	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
40	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019, 51, 452-469.	21.4	89
41	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
42	Linking of metabolomic biomarkers with cardiometabolic health in Chinese population. <i>Journal of Diabetes</i> , 2019, 11, 280-291.	1.8	5
43	Cholecalciferol Supplementation Promotes Bone Turnover in Chinese Adults with Vitamin D Deficiency. <i>Journal of Nutrition</i> , 2018, 148, 746-751.	2.9	6
44	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. <i>Nature Communications</i> , 2018, 9, 5052.	12.8	75
45	CRISPR/Cas9-mediated gene knockout reveals a guardian role of NF- κ B/RelA in maintaining the homeostasis of human vascular cells. <i>Protein and Cell</i> , 2018, 9, 945-965.	11.0	20
46	Exome chip meta-analysis identifies novel loci and East Asian-specific coding variants that contribute to lipid levels and coronary artery disease. <i>Nature Genetics</i> , 2017, 49, 1722-1730.	21.4	129
47	The Role of Osteopontin and Its Gene on Glucocorticoid Response in Myasthenia Gravis. <i>Frontiers in Neurology</i> , 2017, 8, 230.	2.4	16
48	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. <i>PLoS Medicine</i> , 2017, 14, e1002383.	8.4	341
49	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
50	Early Prediction of Developing Type 2 Diabetes by Plasma Acylcarnitines: A Population-Based Study. <i>Diabetes Care</i> , 2016, 39, 1563-1570.	8.6	132
51	Nickel exposure and prevalent albuminuria and β 2-microglobulinuria: evidence from a population-based study. <i>Journal of Epidemiology and Community Health</i> , 2016, 70, 437-443.	3.7	9
52	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
53	Vitamin C alleviates aging defects in a stem cell model for Werner syndrome. <i>Protein and Cell</i> , 2016, 7, 478-488.	11.0	58
54	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

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55	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
56	Elevated plasma tumor necrosis factor- α 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
57	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
58	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
59	Nickel exposure is associated with the prevalence of type 2 diabetes in Chinese adults. <i>International Journal of Epidemiology</i> , 2015, 44, 240-248.	1.9	62
60	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
61	Serum Uric Acid Levels and Risk of Metabolic Syndrome: A Dose-Response Meta-Analysis of Prospective Studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 4198-4207.	3.6	180
62	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
63	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
64	Gender-Specific DNA Methylome Analysis of a Han Chinese Longevity Population. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	9
65	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
66	Association between APOC1 Polymorphism and Alzheimer's Disease: A Case-Control Study and Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e87017.	2.5	55
67	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
68	CTLA4 Variants and Haplotype Contribute Genetic Susceptibility to Myasthenia Gravis in Northern Chinese Population. <i>PLoS ONE</i> , 2014, 9, e101986.	2.5	20
69	Elevated Plasma Ferritin Is Associated with Increased Incidence of Type 2 Diabetes in Middle-Aged and Elderly Chinese Adults. <i>Journal of Nutrition</i> , 2013, 143, 1459-1465.	2.9	50
70	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
71	Associations between Ionic Profile and Metabolic Abnormalities in Human Population. <i>PLoS ONE</i> , 2012, 7, e38845.	2.5	69
72	Snoring, Inflammatory Markers, Adipokines and Metabolic Syndrome in Apparently Healthy Chinese. <i>PLoS ONE</i> , 2011, 6, e27515.	2.5	38

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73	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
74	Lean Body Mass, Interleukin 18, and Metabolic Syndrome in Apparently Healthy Chinese. <i>PLoS ONE</i> , 2011, 6, e18104.	2.5	13
75	A Marker of Endotoxemia Is Associated With Obesity and Related Metabolic Disorders in Apparently Healthy Chinese. <i>Diabetes Care</i> , 2010, 33, 1925-1932.	8.6	230
76	662 A/G gene variation in human tumor necrosis factor receptor superfamily, member 9 (TNFRSF9). <i>Frontiers of Medicine in China</i> , 2008, 2, 283-285.	0.1	0
77	Reply to KR Short. <i>Journal of Nutrition</i> , 0, , .	2.9	0