Gang Liu

List of Publications by Year
in descending order

99 papers	4,175 citations	117453 34 h-index	143772 57 g-index
101 all docs	101 docs citations	101 times ranked	6167 citing authors

#	ARTICLE	IF	CITATIONS
1	Serum selenium concentrations and risk of all-cause and heart disease mortality among individuals with type 2 diabetes. American Journal of Clinical Nutrition, 2022, 115, 53-60.	2.2	20
2	A Prospective Study of Early-pregnancy Thyroid Markers, Lipid Species, and Risk of Gestational Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e804-e814.	1.8	20
3	Serum retinol‐binding protein 4 levels and risk of gestational diabetes mellitus: A nested case‐control study in Chinese women and an updated meta‐analysis. Diabetes/Metabolism Research and Reviews, 2022, 38, e3496.	1.7	3
4	Weight Change, Lifestyle, and Mortality in Patients With Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 627-637.	1.8	3
5	Association of serum 25-hydroxyvitamin D concentrations with risk of dementia among individuals with type 2 diabetes: A cohort study in the UK Biobank. PLoS Medicine, 2022, 19, e1003906.	3.9	16
6	Effectiveness of a Workplace-Based, Multicomponent Hypertension Management Program in Real-World Practice: A Propensity-Matched Analysis. Hypertension, 2022, 79, 230-240.	1.3	13
7	Associations of Serum Folate and Vitamin B$_{12}$ Levels With Cardiovascular Disease Mortality Among Patients With Type 2 Diabetes. JAMA Network Open, 2022, 5, e2146124.	2.8	53
8	Association of Lifestyle Factors and Antihypertensive Medication Use With Risk of All-Cause and Cause-Specific Mortality Among Adults With Hypertension in China. JAMA Network Open, 2022, 5, e2146118.	2.8	16
9	Associations of lower-carbohydrate and lower-fat diets with mortality among people with prediabetes. American Journal of Clinical Nutrition, 2022, 116, 206-215.	2.2	9
10	Online Anomaly Detection for Smartphone-Based Multivariate Behavioral Time Series Data. Sensors, 2022, 22, 2110.	2.1	2
11	Trends in dietary macronutrient composition and diet quality among US adults with diagnosed and undiagnosed elevated glycemic status: a serial cross-sectional study. American Journal of Clinical Nutrition, 2022, 115, 1602-1611.	2.2	3
12	Dietary lignans, plasma enterolactone levels, and metabolic risk in men: exploring the role of the gut microbiome. BMC Microbiology, 2022, 22, 82.	1.3	8
13	Association of Cardiovascular Health Measures With Cardiovascular Disease and Mortality in CKD: A UK Biobank Study. American Journal of Kidney Diseases, 2022, 80, 805-807.	2.1	2
14	Trends in Prevalence and Awareness of Prediabetes Among Adults in the U.S., 2005–2020. Diabetes Care, 2022, 45, e21-e23.	4.3	11
15	Trajectories of metabolic risk factors during the development of type 2 diabetes in Chinese adults. Diabetes and Metabolism, 2022, 48, 101348.	1.4	1
16	Associations of Moderate Low-Carbohydrate Diets With Mortality Among Patients With Type 2 Diabetes: A Prospective Cohort Study. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e2702-e2709.	1.8	5
17	The association of genetic susceptibility to smoking with cardiovascular disease mortality and the benefits of adhering to a DASH diet: The Singapore Chinese Health Study. American Journal of Clinical Nutrition, 2022, 116, 386-393.	2.2	3
18	Associations of Serum Carotenoids With Risk of Cardiovascular Mortality Among Individuals With Type 2 Diabetes: Results From NHANES. Diabetes Care, 2022, 45, 1453-1461.	4.3	44

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19	Serum Fetuin-A and Risk of Gestational Diabetes Mellitus: An Observational Study and Mendelian Randomization Analysis. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e3841-e3849.	1.8	3
20	Low-Carbohydrate Diets Score and Mortality Among Adults with Incident Type 2 Diabetes. Current Developments in Nutrition, 2022, 6, 907.	0.1	0
21	Associations of exposure to lead and cadmium with risk of all-cause and cardiovascular disease mortality among patients with type 2 diabetes. Environmental Science and Pollution Research, 2022, 29, 76805-76815.	2.7	9
22	Vitamin D status, genetic factors, and risks of cardiovascular disease among individuals with type 2 diabetes: a prospective study. American Journal of Clinical Nutrition, 2022, 116, 1389-1399.	2.2	5
23	Overall lifestyles and socioeconomic inequity in mortality and life expectancy in China: the China health and nutrition survey. Age and Ageing, 2022, 51, .	0.7	5
24	Combined lifestyle factors, all-cause mortality and cardiovascular disease: a systematic review and meta-analysis of prospective cohort studies. Journal of Epidemiology and Community Health, 2021, 75, jech-2020-214050.	2.0	60
25	Smartphone Global Positioning System (GPS) Data Enhances Recovery Assessment After Breast Cancer Surgery. Annals of Surgical Oncology, 2021, 28, 985-994.	0.7	16
26	Is proton beam therapy ready for single fraction spine SBRS? â€" a feasibility study to use spot-scanning proton arc (SPArc) therapy to improve the robustness and dosimetric plan quality. Acta OncolÃ³gica, 2021, 60, 653-657.	0.8	16
27	Gut microbiotaâ€"derived metabolites and risk of coronary artery disease: a prospective study among US men and women. American Journal of Clinical Nutrition, 2021, 114, 238-247.	2.2	19
28	Associations of healthy lifestyle and socioeconomic status with mortality and incident cardiovascular disease: two prospective cohort studies. BMJ, The, 2021, 373, n604.	3.0	235
29	Lung Stereotactic Body Radiotherapy (SBRT) Using Spot-Scanning Proton Arc (SPArc) Therapy: A Feasibility Study. Frontiers in Oncology, 2021, 11, 664455.	1.3	12
30	Dietary Intake and Circulating Concentrations of Carotenoids and Risk of Type 2 Diabetes: A Dose-Response Meta-Analysis of Prospective Observational Studies. Advances in Nutrition, 2021, 12, 1723-1733.	2.9	35
31	Association Between Serum 25-hydroxyvitamin D Concentrations and Mortality Among Adults With Prediabetes. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4039-e4048.	1.8	17
32	Bidirectional imputation of spatial GPS trajectories with missingness using sparse online Gaussian Process. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1777-1784.	2.2	8
33	Trends in Diagnosed and Undiagnosed Diabetes Among Adults in the U.S., 2005â€"2016. Diabetes Care, 2021, 44, e175-e177.	4.3	12
34	Association of exposure to ethylene oxide with risk of diabetes mellitus: results from NHANES 2013â€"2016. Environmental Science and Pollution Research, 2021, 28, 68551-68559.	2.7	19
35	Smartphone GPS signatures of patients undergoing spine surgery correlate with mobility and current gold standard outcome measures. Journal of Neurosurgery: Spine, 2021, 35, 796-806.	0.9	13
36	Plasma lipidomics in early pregnancy and risk of gestational diabetes mellitus: a prospective nested caseâ€"control study in Chinese women. American Journal of Clinical Nutrition, 2021, 114, 1763-1773.	2.2	32

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37	Prepregnancy plant-based diets and the risk of gestational diabetes mellitus: a prospective cohort study of 14,926 women. American Journal of Clinical Nutrition, 2021, 114, 1997-2005.	2.2	19
38	Association of Serum 25-Hydroxyvitamin D Concentrations With All-Cause and Cause-Specific Mortality Among Individuals With Diabetes. Diabetes Care, 2021, 44, 350-357.	4.3	90
39	Prognostic Value of Elevated Levels of Plasma N-Acetylneuraminic Acid in Patients With Heart Failure. Circulation: Heart Failure, 2021, 14, e008459.	1.6	13
40	Leisure-time physical activity and risk of incident cardiovascular disease in Chinese retired adults. Scientific Reports, 2021, 11, 24202.	1.6	7
41	Healthy lifestyle and life expectancy free of cancer, cardiovascular disease, and type 2 diabetes: prospective cohort study. BMJ, The, 2020, 368, l6669.	3.0	298
42	Smoking cessation and weight change in relation to cardiovascular disease incidence and mortality in people with type 2 diabetes: a population-based cohort study. Lancet Diabetes and Endocrinology,the, 2020, 8, 125-133.	5.5	42
43	Healthy Lifestyle for Prevention of Premature Death Among Users and Nonusers of Common Preventive Medications: A Prospective Study in Two US Cohorts. Current Developments in Nutrition, 2020, 4, nzaa040_085.	0.1	1
44	Dietary Inflammatory and Insulinemic Potential and Risk of Type 2 Diabetes: Results From Three Prospective U.S. Cohort Studies. Diabetes Care, 2020, 43, 2675-2683.	4.3	43
45	Influence of CyberKnife Prescription Isodose Line on the Discrepancy of Dose Results Calculated by the Ray Tracing and Monte Carlo Algorithms for Head and Lung Plans: A Phantom Study. Current Medical Science, 2020, 40, 301-306.	0.7	2
46	A novel energy sequence optimization algorithm for efficient spot-scanning proton arc (SPArc) treatment delivery. Acta OncolÃ³gica, 2020, 59, 1178-1185.	0.8	22
47	Isoflavone Intake and the Risk of Coronary Heart Disease in US Men and Women. Circulation, 2020, 141, 1127-1137.	1.6	64
48	Olive Oil Consumption and Cardiovascular Risk in U.S. Adults. Journal of the American College of Cardiology, 2020, 75, 1729-1739.	1.2	84
49	Healthy Lifestyle for Prevention of Premature Death Among Users and Nonusers of Common Preventive Medications: A Prospective Study in 2 US Cohorts. Journal of the American Heart Association, 2020, 9, e016692.	1.6	13
50	Improve the dosimetric outcome in bilateral head and neck cancer (HNC) treatment using spot-scanning proton arc (SPArc) therapy: a feasibility study. Radiation Oncology, 2020, 15, 21.	1.2	23
51	Combined lifestyle factors, incident cancer, and cancer mortality: a systematic review and meta-analysis of prospective cohort studies. British Journal of Cancer, 2020, 122, 1085-1093.	2.9	132
52	Associations of Perfluoroalkyl substances with blood lipids and Apolipoproteins in lipoprotein subspecies: the POUNDS-lost study. Environmental Health, 2020, 19, 5.	1.7	43
53	Changes in Plant-Based Diet Quality and Total and Cause-Specific Mortality. Circulation, 2019, 140, 979-991.	1.6	119
54	Association Between Plant-Based Dietary Patterns and Risk of Type 2 Diabetes. JAMA Internal Medicine, 2019, 179, 1335.	2.6	207

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55	Dosimetric Effect of Intrafraction Tumor Motion in Lung Stereotactic Body Radiotherapy Using CyberKnife Static Tracking System. Technology in Cancer Research and Treatment, 2019, 18, 153303381985944.	0.8	7
56	Dietary fats and mortality among patients with type 2 diabetes: analysis in two population based cohort studies. BMJ: British Medical Journal, 2019, 366, l4009.	2.4	44
57	Perfluoroalkyl substances and changes in bone mineral density: A prospective analysis in the POUNDS-LOST study. Environmental Research, 2019, 179, 108775.	3.7	25
58	Associations Between Linoleic Acid Intake and Incident Type 2 Diabetes Among U.S. Men and Women. Diabetes Care, 2019, 42, 1406-1413.	4.3	39
59	The first prototype of spot-scanning proton arc treatment delivery. Radiotherapy and Oncology, 2019, 137, 130-136.	0.3	55
60	Assessing the potential of longitudinal smartphone based cognitive assessment in schizophrenia: A naturalistic pilot study. Schizophrenia Research: Cognition, 2019, 17, 100144.	0.7	24
61	29.2 DIGITAL PHENOTYPING OF MICRO-COGNITIVE MEASURES (MCM) IN PATIENTS WITH SCHIZOPHRENIA. Schizophrenia Bulletin, 2019, 45, S136-S137.	2.3	1
62	Nut Consumption in Relation to Cardiovascular Disease Incidence and Mortality Among Patients With Diabetes Mellitus. Circulation Research, 2019, 124, 920-929.	2.0	68
63	Understanding the quality, effectiveness and attributes of top-rated smartphone health apps. Evidence-Based Mental Health, 2019, 22, 4-9.	2.2	95
64	A comprehensive gene–environment interaction analysis in Ovarian Cancer using genome–wide significant common variants. International Journal of Cancer, 2019, 144, 2192-2205.	2.3	12
65	Dietary glucosinolates and risk of type 2 diabetes in 3 prospective cohort studies. American Journal of Clinical Nutrition, 2018, 107, 617-625.	2.2	18
66	Meat Cooking Methods and Risk of Type 2 Diabetes: Results From Three Prospective Cohort Studies. Diabetes Care, 2018, 41, 1049-1060.	4.3	42
67	An Experimental Model of Anterior Urethral Stricture in Rabbits With Local Injections of Bleomycin. Urology, 2018, 116, 230.e9-230.e15.	0.5	4
68	Enterotoxigenic Escherichia coli infection promotes apoptosis in piglets. Microbial Pathogenesis, 2018, 125, 290-294.	1.3	22
69	Association between maternal adherence to healthy lifestyle practices and risk of obesity in offspring: results from two prospective cohort studies of mother-child pairs in the United States. BMJ: British Medical Journal, 2018, 362, k2486.	2.4	88
70	Intake of glucosinolates and risk of coronary heart disease in three large prospective cohorts of US men and women. Clinical Epidemiology, 2018, Volume 10, 749-762.	1.5	11
71	Smoking Cessation, Weight Change, Type 2 Diabetes, and Mortality. New England Journal of Medicine, 2018, 379, 623-632.	13.9	185
72	Influence of Lifestyle on Incident Cardiovascular Disease and Mortality in Patients With Diabetes Mellitus. Journal of the American College of Cardiology, 2018, 71, 2867-2876.	1.2	118

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73	Perfluoroalkyl substances and changes in body weight and resting metabolic rate in response to weight-loss diets: A prospective study. PLoS Medicine, 2018, 15, e1002502.	3.9	117
74	Mental Health Mobile Phone App Usage, Concerns, and Benefits Among Psychiatric Outpatients: Comparative Survey Study. JMIR Mental Health, 2018, 5, e11715.	1.7	131
75	Thyroid hormones and changes in body weight and metabolic parameters in response to weight loss diets: the POUNDS LOST trial. International Journal of Obesity, 2017, 41, 878-886.	1.6	58
76	Melatonin signaling in <scp>T</scp> cells: Functions and applications. Journal of Pineal Research, 2017, 62, e12394.	3.4	154
77	Response by Liu and Sun to Letter Regarding Article, "Plasma Levels of Fatty Acid–Binding Protein 4, Retinol-Binding Protein 4, High-Molecular-Weight Adiponectin, and Cardiovascular Mortality Among Men With Type 2 Diabetes: A 22-Year Prospective Study". Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, e57.	1.1	3
78	Cooking Methods for Red Meats and Risk of Type 2 Diabetes: A Prospective Study of U.S. Women. Diabetes Care, 2017, 40, 1041-1049.	4.3	21
79	Exposure to perchlorate, nitrate and thiocyanate, and prevalence of diabetes mellitus. International Journal of Epidemiology, 2017, 46, 1913-1923.	0.9	23
80	Target margin design for real-time lung tumor tracking stereotactic body radiation therapy using CyberKnife Xsight Lung Tracking System. Scientific Reports, 2017, 7, 10826.	1.6	34
81	Whole Grain Consumption and Risk of Ischemic Stroke. Stroke, 2017, 48, 3203-3209.	1.0	34
82	Effects of Genetic and Nongenetic Factors on Total and Bioavailable 25(OH)D Responses to Vitamin D Supplementation. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 100-110.	1.8	56
83	Prevalence and risk factors of taste and smell impairment in a nationwide representative sample of the US population: a cross-sectional study. BMJ Open, 2016, 6, e013246.	0.8	150
84	Nickel exposure and prevalent albuminuria and β2-microglobulinuria: evidence from a population-based study. Journal of Epidemiology and Community Health, 2016, 70, 437-443.	2.0	9
85	mTORC1 signaling and IL–17 expression: Defining pathways and possible therapeutic targets. European Journal of Immunology, 2016, 46, 291-299.	1.6	91
86	Plasma Levels of Fatty Acid–Binding Protein 4, Retinol-Binding Protein 4, High-Molecular-Weight Adiponectin, and Cardiovascular Mortality Among Men With Type 2 Diabetes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 2259-2267.	1.1	66
87	Plasma selenium levels and nonalcoholic fatty liver disease in Chinese adults: a cross-sectional analysis. Scientific Reports, 2016, 6, 37288.	1.6	53
88	Glutamine promotes intestinal SIgA secretion through intestinal microbiota and IL–13. Molecular Nutrition and Food Research, 2016, 60, 1637-1648.	1.5	72
89	Elevated plasma tumor necrosis factor-α receptor 2 and resistin are associated with increased incidence of kidney function decline in Chinese adults. Endocrine, 2016, 52, 541-549.	1.1	13
90	A dose–response study of vitamin D3 supplementation in healthy Chinese: a 5-arm randomized, placebo-controlled trial. European Journal of Nutrition, 2016, 55, 383-392.	1.8	14

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91	The development and validation of new equations for estimating body fat percentage among Chinese men and women. British Journal of Nutrition, 2015, 113, 1365-1372.	1.2	24
92	Sodium tanshinone IIA sulfonate attenuates the transforming growth factor-β1-induced differentiation of atrial fibroblasts into myofibroblasts in vitro. International Journal of Molecular Medicine, 2015, 35, 1026-1032.	1.8	13
93	Nickel exposure is associated with the prevalence of type 2 diabetes in Chinese adults. International Journal of Epidemiology, 2015, 44, 240-248.	0.9	62
94	Metabolomics study of metabolic variations in enterotoxigenic Escherichia coli-infected piglets. RSC Advances, 2015, 5, 59550-59555.	1.7	28
95	Development of a New Risk Score for Incident Type 2 Diabetes Using Updated Diagnostic Criteria in Middle-Aged and Older Chinese. PLoS ONE, 2014, 9, e97042.	1.1	15
96	Mouse intestinal innate immune responses altered by enterotoxigenic Escherichia coli (ETEC) infection. Microbes and Infection, 2014, 16, 954-961.	1.0	48
97	Draft Genome Sequence of Enterotoxigenic Escherichia coli Strain W25K. Genome Announcements, 2014, 2, .	0.8	23
98	Poor Vitamin D Status Is Prospectively Associated with Greater Muscle Mass Loss in Middle-Aged and Elderly Chinese Individuals. Journal of the Academy of Nutrition and Dietetics, 2014, 114, 1544-1551.e2.	0.4	20
99	Associations of CFH Polymorphisms and CFHR1-CFHR3 Deletion with Blood Pressure and Hypertension in Chinese Population. PLoS ONE, 2012, 7, e42010.	1.1	12