

Yu Xu

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

4,680
citations

279798

23
h-index

110387

64
g-index

104
all docs

104
docs citations

104
times ranked

6612
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence and Control of Diabetes in Chinese Adults. JAMA - Journal of the American Medical Association, 2013, 310, 948.	7.4	2,335
2	Spatial transmission of COVID-19 via public and private transportation in China. Travel Medicine and Infectious Disease, 2020, 34, 101626.	3.0	190
3	The ChinaMAP analytics of deep whole genome sequences in 10,588 individuals. Cell Research, 2020, 30, 717-731.	12.0	165
4	Cohort profile: Risk evaluation of cancers in Chinese diabetic individuals: a longitudinal (REACTION) study	1.8	147
5	Association of insulin resistance and β -cell dysfunction with incident diabetes among adults in China: a nationwide, population-based, prospective cohort study. Lancet Diabetes and Endocrinology, 2020, 8, 115-124.	11.4	127
6	Predictive Value of Fasting Glucose, Postload Glucose, and Hemoglobin A1c on Risk of Diabetes and Complications in Chinese Adults. Diabetes Care, 2019, 42, 1539-1548.	8.6	102
7	High-Coverage Targeted Lipidomics Reveals Novel Serum Lipid Predictors and Lipid Pathway Dysregulation Antecedent to Type 2 Diabetes Onset in Normoglycemic Chinese Adults. Diabetes Care, 2019, 42, 2117-2126.	8.6	100
8	The relationship between insulin-sensitive obesity and cardiovascular diseases in a Chinese population. International Journal of Cardiology, 2014, 172, 388-394.	1.7	82
9	Ideal Cardiovascular Health Metrics and Major Cardiovascular Events in Patients With Prediabetes and Diabetes. JAMA Cardiology, 2019, 4, 874.	6.1	70
10	Advanced fibrosis associates with atherosclerosis in subjects with nonalcoholic fatty liver disease. Atherosclerosis, 2015, 241, 145-150.	0.8	60
11	Microglia in neurodegenerative diseases. Neural Regeneration Research, 2021, 16, 270.	3.0	59
12	Rare Loss-of-Function Variants in <i>NPC1</i> Predispose to Human Obesity. Diabetes, 2017, 66, 935-947.	0.6	54
13	Transition of metabolic phenotypes and risk of subclinical atherosclerosis according to BMI: a prospective study. Diabetologia, 2020, 63, 1312-1323.	6.3	48
14	Sexual dimorphism in glucose metabolism is shaped by androgen-driven gut microbiome. Nature Communications, 2021, 12, 7080.	12.8	45
15	Metabolically healthy obesity and incident chronic kidney disease: The role of systemic inflammation in a prospective study. Obesity, 2017, 25, 634-641.	3.0	40
16	Early-Life Famine Exposure and Risk of Cardiovascular Diseases in Later Life: Findings From the REACTION Study. Journal of the American Heart Association, 2020, 9, e014175.	3.7	40
17	Association of Serum Bile Acids Profile and Pathway Dysregulation With the Risk of Developing Diabetes Among Normoglycemic Chinese Adults: Findings From the 4C Study. Diabetes Care, 2021, 44, 499-510.	8.6	40
18	Urinary bisphenol A concentration and the risk of central obesity in Chinese adults: A prospective study. Journal of Diabetes, 2018, 10, 442-448.	1.8	36

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19	Individual and Combined Associations of Modifiable Lifestyle and Metabolic Health Status With New-Onset Diabetes and Major Cardiovascular Events: The China Cardiometabolic Disease and Cancer Cohort (4C) Study. <i>Diabetes Care</i> , 2020, 43, 1929-1936.	8.6	36
20	Early Life Famine Exposure, Ideal Cardiovascular Health Metrics, and Risk of Incident Diabetes: Findings From the 4C Study. <i>Diabetes Care</i> , 2020, 43, 1902-1909.	8.6	36
21	Urinary bisphenol A concentration and glucose homeostasis in non-diabetic adults: a repeated-measures, longitudinal study. <i>Diabetologia</i> , 2019, 62, 1591-1600.	6.3	35
22	Age-specific modifiable risk factor profiles for cardiovascular disease and all-cause mortality: a nationwide, population-based, prospective cohort study. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 17, 100277.	2.9	31
23	Hemoglobin A _{1c} and diagnosis of diabetes. <i>Journal of Diabetes</i> , 2018, 10, 365-372.	1.8	30
24	Association Between Insulin Resistance and Cardiovascular Disease Risk Varies According to Glucose Tolerance Status: A Nationwide Prospective Cohort Study. <i>Diabetes Care</i> , 2022, 45, 1863-1872.	8.6	30
25	Type 2 Diabetes, Diabetes Genetic Score and Risk of Decreased Renal Function and Albuminuria: A Mendelian Randomization Study. <i>EBioMedicine</i> , 2016, 6, 162-170.	6.1	27
26	Ideal Cardiovascular Health Is Inversely Associated with Nonalcoholic Fatty Liver Disease: A Prospective Analysis. <i>American Journal of Medicine</i> , 2018, 131, 1515.e1-1515.e10.	1.5	26
27	Effect of exercise on hepatic steatosis: Are benefits seen without dietary intervention? A systematic review and meta-analysis. <i>Journal of Diabetes</i> , 2021, 13, 63-77.	1.8	25
28	Association between smoking and glycemic control in diabetic patients: Results from the Risk Evaluation of Cardiovascular Ancillary in Chinese Diabetic Individuals: A Longitudinal (REACTION) study. <i>Journal of Diabetes</i> , 2018, 10, 408-418.	1.8	24
29	Curaxin CBLO137 Exerts Anticancer Activity via Diverse Mechanisms. <i>Frontiers in Oncology</i> , 2018, 8, 598.	2.8	24
30	The progression and regression of metabolic dysfunction-associated fatty liver disease are associated with the development of subclinical atherosclerosis: A prospective analysis. <i>Metabolism: Clinical and Experimental</i> , 2021, 120, 154779.	3.4	23
31	Interaction between smoking and diabetes in relation to subsequent risk of cardiovascular events. <i>Cardiovascular Diabetology</i> , 2022, 21, 14.	6.8	22
32	Association between mid-upper arm circumference and cardiometabolic risk in Chinese population: a cross-sectional study. <i>BMJ Open</i> , 2019, 9, e028904.	1.9	21
33	Non-alcoholic fatty liver disease, metabolic goal achievement with incident cardiovascular disease and eGFR-based chronic kidney disease in patients with prediabetes and diabetes. <i>Metabolism: Clinical and Experimental</i> , 2021, 124, 154874.	3.4	20
34	Thiazolidinedione therapy and breast cancer risk in diabetic women: A systematic review and meta-analysis. <i>Diabetes/Metabolism Research and Reviews</i> , 2018, 34, e2961.	4.0	19
35	Resting heart rate is associated with metabolic syndrome and predicted 10-year risk of cardiovascular disease: a cross-sectional study. <i>Journal of Diabetes</i> , 2019, 11, 884-894.	1.8	19
36	Association between serum CA ₁₉₋₉ and metabolic syndrome: A cross-sectional study. <i>Journal of Diabetes</i> , 2017, 9, 1040-1047.	1.8	18

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37	Early life famine exposure, adulthood obesity patterns and the risk of nonalcoholic fatty liver disease. <i>Liver International</i> , 2020, 40, 2694-2705.	3.9	18
38	Serum lipoprotein (a) associates with a higher risk of reduced renal function: a prospective investigation. <i>Journal of Lipid Research</i> , 2020, 61, 1320-1327.	4.2	17
39	Glycemic Measures and Development and Resolution of Nonalcoholic Fatty Liver Disease in Nondiabetic Individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1416-1426.	3.6	17
40	Fat mass to fat-free mass ratio and the risk of non-alcoholic fatty liver disease and fibrosis in non-obese and obese individuals. <i>Nutrition and Metabolism</i> , 2021, 18, 21.	3.0	16
41	Hypertension Defined by 2017 ACC/AHA Guideline, Ideal Cardiovascular Health Metrics, and Risk of Cardiovascular Disease: A Nationwide Prospective Cohort Study. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 20, 100350.	2.9	15
42	Serum lipoprotein (a) is associated with increased risk of stroke in Chinese adults: A prospective study. <i>Atherosclerosis</i> , 2019, 289, 8-13.	0.8	14
43	Association Between Age at Diagnosis of Type 2 Diabetes and Cardiovascular Diseases: A Nationwide, Population-Based, Cohort Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 717069.	3.5	14
44	Association between the change in body mass index from early adulthood to midlife and subsequent type 2 diabetes mellitus. <i>Obesity</i> , 2016, 24, 703-709.	3.0	13
45	Serum Uric Acid is Associated with the Predicted Risk of Prevalent Cardiovascular Disease in a Community-dwelling Population without Diabetes. <i>Biomedical and Environmental Sciences</i> , 2018, 31, 106-114.	0.2	13
46	Association between birth weight and diabetes: Role of body mass index and lifestyle in later life. <i>Journal of Diabetes</i> , 2020, 12, 10-20.	1.8	12
47	Fruit intake, genetic risk and type 2 diabetes: a population-based gene-diet interaction analysis. <i>European Journal of Nutrition</i> , 2021, 60, 2769-2779.	3.9	12
48	Ideal Cardiovascular Health is Inversely Associated with Subclinical Atherosclerosis: A Prospective Analysis. <i>Biomedical and Environmental Sciences</i> , 2019, 32, 260-271.	0.2	12
49	Metabolomics study reveals systematic metabolic dysregulation and early detection markers associated with incident pancreatic cancer. <i>International Journal of Cancer</i> , 2022, 150, 1091-1100.	5.1	12
50	Serum total bile acids associate with risk of incident type 2 diabetes and longitudinal changes in glucose-related metabolic traits. <i>Journal of Diabetes</i> , 2020, 12, 616-625.	1.8	11
51	Association of bedtime with the risk of non-alcoholic fatty liver disease among middle-aged and elderly Chinese adults with pre-diabetes and diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2020, 36, e3322.	4.0	11
52	Causal Associations of Obesity With Chronic Kidney Disease and Arterial Stiffness: A Mendelian Randomization Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e825-e835.	3.6	11
53	Age at menarche, ideal cardiovascular health metrics, and risk of diabetes in adulthood: Findings from the REACTION study. <i>Journal of Diabetes</i> , 2021, 13, 458-468.	1.8	10
54	Visit-to-visit blood pressure variability is associated with arterial stiffness in Chinese adults: A prospective analysis. <i>Journal of Clinical Hypertension</i> , 2021, 23, 802-812.	2.0	10

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55	New Nonalcoholic Fatty Liver Disease and Fibrosis Progression Associate With the Risk of Incident Chronic Kidney Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3957-e3968.	3.6	10
56	High concentrations of triglycerides are associated with diabetic kidney disease in new-onset type 2 diabetes in China: Findings from the China Health and Nutrition Survey (CHNS) cohort (4C Study). <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 2551-2560.	4.4	10
57	Discordance between the triglyceride glucose index and HOMA-IR in incident albuminuria: a cohort study from China. <i>Lipids in Health and Disease</i> , 2021, 20, 176.	3.0	10
58	Chinese Adults Are More Susceptible to Effects of Overall Obesity and Fat Distribution on Cardiometabolic Risk Factors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e2775-e2788.	3.6	9
59	Urinary albumin-to-creatinine ratio levels are associated with subclinical atherosclerosis and predict CVD events and all-cause deaths: a prospective analysis. <i>BMJ Open</i> , 2021, 11, e040890.	1.9	9
60	Cardiovascular Risk Based on ASCVD and KDIGO Categories in Chinese Adults: A Nationwide, Population-Based, Prospective Cohort Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 927-937.	6.1	9
61	Impact of diabetes on subclinical atherosclerosis and major cardiovascular events in individuals with and without non-alcoholic fatty liver disease. <i>Diabetes Research and Clinical Practice</i> , 2021, 177, 108873.	2.8	9
62	Association of QTc Interval with Risk of Cardiovascular Diseases and Related Vascular Traits: A Prospective and Longitudinal Analysis. <i>Global Heart</i> , 2020, 15, 13.	2.3	9
63	Association of branched chain amino acids related variant rs1440581 with risk of incident diabetes and longitudinal changes in insulin resistance in Chinese. <i>Acta Diabetologica</i> , 2018, 55, 901-908.	2.5	8
64	Genetic susceptibility, family history of diabetes and healthy lifestyle factors in relation to diabetes: A gene-environment interaction analysis in Chinese adults. <i>Journal of Diabetes Investigation</i> , 2021, 12, 2089-2098.	2.4	8
65	The cardiometabolic risk profile of Chinese adults with diabetes: A nationwide cross-sectional survey. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 43-52.	2.3	7
66	Serum CA 19-9 and risk of incident diabetes in middle-aged and elderly Chinese: a prospective cohort study. <i>Acta Diabetologica</i> , 2017, 54, 201-208.	2.5	7
67	Associations between parity, pregnancy loss, and breastfeeding duration and risk of maternal type 2 diabetes: An observational cohort study. <i>Journal of Diabetes</i> , 2021, 13, 857-867.	1.8	7
68	Association of early adulthood weight and subsequent weight change with cardiovascular diseases: Findings from REACTION study. <i>International Journal of Cardiology</i> , 2021, 332, 209-215.	1.7	7
69	Novel Subgroups and Chronic Complications of Diabetes in Middle-Aged and Elderly Chinese: A Prospective Cohort Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 802114.	3.5	7
70	The Causal Effect of Systolic Blood Pressure Lowering on Vascular Outcomes in Diabetes: A Mendelian Randomization Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 2616-2625.	3.6	7
71	Glycemic status and chronic kidney disease in Chinese adults: Findings from the REACTION study. <i>Journal of Diabetes</i> , 2017, 9, 837-845.	1.8	6
72	Task-wise Split Gradient Boosting Trees for Multi-center Diabetes Prediction. , 2021, , .		6

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73	Individual and Combined Cardiometabolic Morbidities and the Subsequent Risk of Cardiovascular Events in Chinese Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e84-e94.	3.6	6
74	Individual and Combined Associations of Glucose Metabolic Components With Cognitive Function Modified by Obesity. <i>Frontiers in Endocrinology</i> , 2021, 12, 769120.	3.5	6
75	Diabesity phenotype and the risks of cardiovascular disease and subclinical atherosclerosis: A prospective cohort study. <i>Obesity</i> , 2022, 30, 1681-1690.	3.0	6
76	Association of Serum Fetuin-A Levels With the Risk of Albuminuria in Middle-Aged and Elderly Chinese. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1235-1242.	3.6	5
77	The association of low-grade albuminuria with incident nonalcoholic fatty liver disease and noninvasive markers of liver fibrosis by glycaemia status. <i>Liver International</i> , 2021, 41, 101-109.	3.9	5
78	The Association and Predictive Ability of ECG Abnormalities with Cardiovascular Diseases: A Prospective Analysis. <i>Global Heart</i> , 2020, 15, 59.	2.3	5
79	Associations of body shapes with insulin resistance and cardiometabolic risk in middle-aged and elderly Chinese. <i>Nutrition and Metabolism</i> , 2021, 18, 103.	3.0	5
80	Long-Term Glycemic Variability Is Associated With Arterial Stiffness in Chinese Adults. <i>Frontiers in Endocrinology</i> , 2021, 12, 711540.	3.5	4
81	Impact of visit-to-visit fasting plasma glucose variability on the development of diabetes: The mediation by insulin resistance. <i>Journal of Diabetes</i> , 2022, 14, 205-215.	1.8	4
82	GREM2 is associated with human central obesity and inhibits visceral preadipocyte browning. <i>EBioMedicine</i> , 2022, 78, 103969.	6.1	4
83	New clusters of serum electrolytes aid in stratification of diabetes and metabolic risk. <i>Journal of Diabetes</i> , 2022, 14, 121-133.	1.8	4
84	Peripheral Artery Disease and Risk of Fibrosis Deterioration in Nonalcoholic Fatty Liver Disease: A Prospective Investigation. <i>Biomedical and Environmental Sciences</i> , 2020, 33, 217-226.	0.2	4
85	New definition of metabolic dysfunction-associated fatty liver disease with elevated brachial-ankle pulse wave velocity and albuminuria: a prospective cohort study. <i>Frontiers of Medicine</i> , 2022, 16, 714-722.	3.4	4
86	Carotid intima-media thickness and plaques are associated with indicators of peripheral artery diseases in patients with diabetes. <i>Diabetes Research and Clinical Practice</i> , 2018, 144, 245-251.	2.8	3
87	A comparative analysis of current blood pressure management guidelines in people with and without diabetes. <i>Journal of Diabetes</i> , 2020, 12, 781-790.	1.8	3
88	The association of low-grade albuminuria with incident nonalcoholic fatty liver disease and noninvasive markers of liver fibrosis by glycemic status. <i>Liver International</i> , 2021, 41, 422-423.	3.9	3
89	Association of soy food with cardiovascular outcomes and all-cause mortality in a Chinese population: a nationwide prospective cohort study. <i>European Journal of Nutrition</i> , 2022, 61, 1609-1620.	3.9	3
90	Detection of diabetes and prediabetes using glycosylated hemoglobin in Chinese adults living in Shanghai: A prospective analysis. <i>Journal of Diabetes</i> , 2020, 12, 573-582.	1.8	2

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91	Type 2 diabetes RCTs in mainland China: insights from a systematic review. <i>Lancet Diabetes and Endocrinology</i> , 2021, 9, 64-66.	11.4	2
92	The 2017 ACC/AHA stage 1 hypertension is associated with arterial stiffness: a prospective analysis. <i>Aging</i> , 2021, 13, 10075-10086.	3.1	2
93	The association between age at diagnosis of type 2 diabetes and albuminuria in Chinese adults: A nationwide population study. <i>Journal of Diabetes</i> , 2021, 13, 987-997.	1.8	2
94	Gestational hyperglycemia and the risk of cardiovascular diseases among elderly Chinese women: Findings from the REACTION study. <i>Journal of Diabetes</i> , 2021, 13, 949-959.	1.8	2
95	Serum Dickkopf-3 Level Is Inversely Associated with Significant Coronary Stenosis in an Asymptomatic Chinese Cohort. <i>International Heart Journal</i> , 2020, 61, 1107-1113.	1.0	2
96	Panâ€risk factor for a comprehensive cardiovascular health management. <i>Journal of Diabetes</i> , 2022, 14, 179-191.	1.8	2
97	Association of bisphenol a exposure with circulating sex hormone concentrations in men and postmenopausal women. <i>Biomedical and Environmental Sciences</i> , 2014, 27, 633-6.	0.2	1
98	Inverted U-Shaped Associations between Glycemic Indices and Serum Uric Acid Levels in the General Chinese Population: Findings from the China Cardiometabolic Disease and Cancer Cohort (4C) Study. <i>Biomedical and Environmental Sciences</i> , 2021, 34, 9-18.	0.2	1
99	Association of Visit-to-Visit Variabilities in Metabolic Factors with Chronic Kidney Disease in Chinese Adults Living in Shanghai. <i>Biomedical and Environmental Sciences</i> , 2021, 34, 761-772.	0.2	1
100	The Reply. <i>American Journal of Medicine</i> , 2019, 132, e627.	1.5	0
101	Negative Risk Markers for Cardiovascular Risk Evaluation in Chinese Adults. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 800671.	2.4	0
102	Changes in adiposity modulate the APOA5 genetic effect on blood lipids: A longitudinal cohort study. <i>Atherosclerosis</i> , 2022, 350, 1-8.	0.8	0
103	Serum Total Bilirubin and Risk of Progressing Diabetes: A Prospective Cohort Study. <i>Biomedical and Environmental Sciences</i> , 2021, 34, 632-636.	0.2	0