Yufang Bi

List of Publications by Year
in descending order

126 papers	6,583 citations	218677 26 h-index	71685 76 g-index
127 all docs	127 docs citations	127 times ranked	10200 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	Gut microbiome and serum metabolome alterations in obesity and after weight-loss intervention. Nature Medicine, 2017, 23, 859-868.	30.7	1,074
3	Analyses of gut microbiota and plasma bile acids enable stratification of patients for antidiabetic treatment. Nature Communications, 2017, 8, 1785.	12.8	312
4	Spatial transmission of COVID-19 via public and private transportation in China. Travel Medicine and Infectious Disease, 2020, 34, 101626.	3.0	190
5	The ChinaMAP analytics of deep whole genome sequences in 10,588 individuals. Cell Research, 2020, 30, 717-731.	12.0	165
6	Cohort profile: Risk evaluation of cancers in <scp>C</scp>hinese diabetic individuals: a longitudinal (<scp>REACTION</scp>) study (é˜Ÿå^—ç®®ä»‹ï¼šä¸å½ç³–å°¿ç—…æ‚£è€…è‚¿ç˜¤å‡"Ÿé£Žé™©çš„ç°µå‹‹ç©©ï¼ˆREACTIONç"ç©©ï¼‰)	1.8	147
7	Status of Cardiovascular Health in ChineseÂAdults. Journal of the American College of Cardiology, 2015, 65, 1013-1025.	2.8	131
8	Association of insulin resistance and Î²-cell dysfunction with incident diabetes among adults in China: a nationwide, population-based, prospective cohort study. Lancet Diabetes and Endocrinology,the, 2020, 8, 115-124.	11.4	127
9	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
10	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
11	The relationship between insulin-sensitive obesity and cardiovascular diseases in a Chinese population. International Journal of Cardiology, 2014, 172, 388-394.	1.7	82
12	Ideal Cardiovascular Health Metrics and Major Cardiovascular Events in Patients With Prediabetes and Diabetes. JAMA Cardiology, 2019, 4, 874.	6.1	70
13	Advanced research on risk factors of type 2 diabetes. Diabetes/Metabolism Research and Reviews, 2012, 28, 32-39.	4.0	68
14	Glucocorticoids improve severe or critical COVID-19 by activating ACE2 and reducing IL-6 levels. International Journal of Biological Sciences, 2020, 16, 2382-2391.	6.4	63
15	Diabetes and Risk of Arterial Stiffness: A Mendelian Randomization Analysis. Diabetes, 2016, 65, 1731-1740.	0.6	62
16	Advanced fibrosis associates with atherosclerosis in subjects with nonalcoholic fatty liver disease. Atherosclerosis, 2015, 241, 145-150.	0.8	60
17	Rare Loss-of-Function Variants in <i>NPC1</i> Predispose to Human Obesity. Diabetes, 2017, 66, 935-947.	0.6	54
18	Transition of metabolic phenotypes and risk of subclinical atherosclerosis according to BMI: a prospective study. Diabetologia, 2020, 63, 1312-1323.	6.3	48

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19	Sexual dimorphism in glucose metabolism is shaped by androgen-driven gut microbiome. Nature Communications, 2021, 12, 7080.	12.8	45
20	The pivotal role of protein acetylation in linking glucose and fatty acid metabolism to β-cell function. Cell Death and Disease, 2019, 10, 66.	6.3	44
21	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
22	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
23	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
24	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. Diabetes Care, 2020, 43, 1929-1936.	8.6	36
25	Early Life Famine Exposure, Ideal Cardiovascular Health Metrics, and Risk of Incident Diabetes: Findings From the 4C Study. Diabetes Care, 2020, 43, 1902-1909.	8.6	36
26	Urinary bisphenol A concentration and glucose homeostasis in non-diabetic adults: a repeated-measures, longitudinal study. Diabetologia, 2019, 62, 1591-1600.	6.3	35
27	Curbing the obesity epidemic in China. Lancet Diabetes and Endocrinology,the, 2016, 4, 470-471.	11.4	33
28	Age-specific modifiable risk factor profiles for cardiovascular disease and all-cause mortality: a nationwide, population-based, prospective cohort study. The Lancet Regional Health - Western Pacific, 2021, 17, 100277.	2.9	31
29	Hemoglobin A1c and diagnosis of diabetes. Journal of Diabetes, 2018, 10, 365-372.	1.8	30
30	Association Between Insulin Resistance and Cardiovascular Disease Risk Varies According to Glucose Tolerance Status: A Nationwide Prospective Cohort Study. Diabetes Care, 2022, 45, 1863-1872.	8.6	30
31	Type 2 Diabetes, Diabetes Genetic Score and Risk of Decreased Renal Function and Albuminuria: A Mendelian Randomization Study. EBioMedicine, 2016, 6, 162-170.	6.1	27
32	Association of a gain-of-function variant in LGR4 with central obesity. Obesity, 2017, 25, 252-260.	3.0	26
33	Ideal Cardiovascular Health Is Inversely Associated with Nonalcoholic Fatty Liver Disease: A Prospective Analysis. American Journal of Medicine, 2018, 131, 1515.e1-1515.e10.	1.5	26
34	Serum potassium level is associated with metabolic syndrome: A population-based study. Clinical Nutrition, 2014, 33, 521-527.	5.0	25
35	Association between smoking and glycemic control in diabetic patients: Results from the Risk Evaluation of cAncers in Chinese diabeTic Individuals: A lONgitudinal (REACTION) study. Journal of Diabetes, 2018, 10, 408-418.	1.8	24
36	Bisphenol A exposure in relation to altered lipid profile and dyslipidemia among Chinese adults: A repeated measures study. Environmental Research, 2020, 184, 109382.	7.5	24

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37	The ChinaMAP reference panel for the accurate genotype imputation in Chinese populations. Cell Research, 2021, 31, 1308-1310.	12.0	24
38	Age-related disparities in diabetes risk attributable to modifiable risk factor profiles in Chinese adults: a nationwide, population-based, cohort study. The Lancet Healthy Longevity, 2021, 2, e618-e628.	4.6	24
39	The progression and regression of metabolic dysfunction-associated fatty liver disease are associated with the development of subclinical atherosclerosis: A prospective analysis. Metabolism: Clinical and Experimental, 2021, 120, 154779.	3.4	23
40	Low Serum Magnesium Level Is Associated with Microalbuminuria in Chinese Diabetic Patients. International Journal of Endocrinology, 2013, 2013, 1-6.	1.5	22
41	Interaction between smoking and diabetes in relation to subsequent risk of cardiovascular events. Cardiovascular Diabetology, 2022, 21, 14.	6.8	22
42	Association between mid-upper arm circumference and cardiometabolic risk in Chinese population: a cross-sectional study. BMJ Open, 2019, 9, e028904.	1.9	21
43	Self-reported sleep duration and daytime napping are associated with renal hyperfiltration in general population. Sleep and Breathing, 2018, 22, 223-232.	1.7	20
44	Non-alcoholic fatty liver disease, metabolic goal achievement with incident cardiovascular disease and eGFR-based chronic kidney disease in patients with prediabetes and diabetes. Metabolism: Clinical and Experimental, 2021, 124, 154874.	3.4	20
45	Thiazolidinedione therapy and breast cancer risk in diabetic women: A systematic review and metaâ€analysis. Diabetes/Metabolism Research and Reviews, 2018, 34, e2961.	4.0	19
46	Resting heart rate is associated with metabolic syndrome and predicted 10â€year risk of cardiovascular disease: a crossâ€sectional study. Journal of Diabetes, 2019, 11, 884-894.	1.8	19
47	Association between serum <scp>CA</scp> 19â€9 and metabolic syndrome: <scp>A</scp> crossâ€sectional study. Journal of Diabetes, 2017, 9, 1040-1047.	1.8	18
48	Early life famine exposure, adulthood obesity patterns and the risk of nonalcoholic fatty liver disease. Liver International, 2020, 40, 2694-2705.	3.9	18
49	Glucose potentiates Î²â€cell function by inducing <i>Tph1</i> expression in rat islets. FASEB Journal, 2017, 31, 5342-5355.	0.5	17
50	Serum lipoprotein (a) associates with a higher risk of reduced renal function: a prospective investigation. Journal of Lipid Research, 2020, 61, 1320-1327.	4.2	17
51	Glycemic Measures and Development and Resolution of Nonalcoholic Fatty Liver Disease in Nondiabetic Individuals. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 1416-1426.	3.6	17
52	Fat mass to fat-free mass ratio and the risk of non-alcoholic fatty liver disease and fibrosis in non-obese and obese individuals. Nutrition and Metabolism, 2021, 18, 21.	3.0	16
53	Hypertension Defined by 2017 ACC/AHA Guideline, Ideal Cardiovascular Health Metrics, and Risk of Cardiovascular Disease: A Nationwide Prospective Cohort Study. The Lancet Regional Health - Western Pacific, 2022, 20, 100350.	2.9	15
54	Serum lipoprotein (a) is associated with increased risk of stroke in Chinese adults: A prospective study. Atherosclerosis, 2019, 289, 8-13.	0.8	14

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55	Association Between Age at Diagnosis of Type 2 Diabetes and Cardiovascular Diseases: A Nationwide, Population-Based, Cohort Study. Frontiers in Endocrinology, 2021, 12, 717069.	3.5	14
56	Association between the change in body mass index from early adulthood to midlife and subsequent type 2 diabetes mellitus. Obesity, 2016, 24, 703-709.	3.0	13
57	Early life exposure to famine and reproductive aging among Chinese women. Menopause, 2019, 26, 463-468.	2.0	12
58	Association between birth weight and diabetes: Role of body mass index and lifestyle in later life. Journal of Diabetes, 2020, 12, 10-20.	1.8	12
59	Hypophosphatemia is an independent risk factor for AKI among hospitalized patients with COVID-19 infection. Renal Failure, 2021, 43, 1329-1337.	2.1	12
60	Fruit intake, genetic risk and type 2 diabetes: a population-based gene–diet interaction analysis. European Journal of Nutrition, 2021, 60, 2769-2779.	3.9	12
61	Metabolomics study reveals systematic metabolic dysregulation and early detection markers associated with incident pancreatic cancer. International Journal of Cancer, 2022, 150, 1091-1100.	5.1	12
62	Associations of Hemoglobin A1c With Cardiovascular Disease and Mortality in Chinese Adults With Diabetes. Journal of the American College of Cardiology, 2018, 72, 3224-3225.	2.8	11
63	Serum apolipoprotein B is associated with increased risk of metabolic syndrome among middle-aged and elderly Chinese: A cross-sectional and prospective cohort study. Journal of Diabetes, 2019, 11, 752-760.	1.8	11
64	Serum total bile acids associate with risk of incident type 2 diabetes and longitudinal changes in glucose-related metabolic traits. Journal of Diabetes, 2020, 12, 616-625.	1.8	11
65	Association of bedtime with the risk of non-alcoholic fatty liver disease among middle-aged and elderly Chinese adults with pre-diabetes and diabetes. Diabetes/Metabolism Research and Reviews, 2020, 36, e3322.	4.0	11
66	Causal Associations of Obesity With Chronic Kidney Disease and Arterial Stiffness: A Mendelian Randomization Study. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e825-e835.	3.6	11
67	Association of education levels with the risk of hypertension and hypertension control: a nationwide cohort study in Chinese adults. Journal of Epidemiology and Community Health, 2022, 76, 451-457.	3.7	11
68	Associations of smoking and alcohol consumption with impaired β-cell function in Chinese men. Journal of Diabetes, 2016, 8, 434-441.	1.8	10
69	Age at menarche, ideal cardiovascular health metrics, and risk of diabetes in adulthood: Findings from the REACTION study. Journal of Diabetes, 2021, 13, 458-468.	1.8	10
70	Visit-to-visit blood pressure variability is associated with arterial stiffness in Chinese adults: A prospective analysis. Journal of Clinical Hypertension, 2021, 23, 802-812.	2.0	10
71	New Nonalcoholic Fatty Liver Disease and Fibrosis Progression Associate With the Risk of Incident Chronic Kidney Disease. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e3957-e3968.	3.6	10
72	High concentrations of triglycerides are associated with diabetic kidney disease in new-onset type 2 diabetes in China: Findings from the China Cardiometabolic Disease and Cancer Cohort (4C) Study. Diabetes, Obesity and Metabolism, 2021, 23, 2551-2560.	4.4	10

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73	Is waist circumference a negative predictor of calcaneal bone mineral density in adult Chinese men with normal weight?. Annals of Translational Medicine, 2019, 7, 201-201.	1.7	10
74	Discordance between the triglyceride glucose index and HOMA-IR in incident albuminuria: a cohort study from China. Lipids in Health and Disease, 2021, 20, 176.	3.0	10
75	Discrete associations of the GCKR variant with metabolic risk in a Chinese population: longitudinal change analysis. Diabetologia, 2016, 59, 307-315.	6.3	9
76	Protein acetylation derepresses Serotonin Synthesis to potentiate Pancreatic Beta-Cell Function through HDAC1-PKA-Tph1 signaling. Theranostics, 2020, 10, 7351-7368.	10.0	9
77	Chinese Adults Are More Susceptible to Effects of Overall Obesity and Fat Distribution on Cardiometabolic Risk Factors. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e2775-e2788.	3.6	9
78	Urinary albumin-to-creatinine ratio levels are associated with subclinical atherosclerosis and predict CVD events and all-cause deaths: a prospective analysis. BMJ Open, 2021, 11, e040890.	1.9	9
79	Cardiovascular Risk Based on ASCVD and KDIGO Categories in Chinese Adults: A Nationwide, Population-Based, Prospective Cohort Study. Journal of the American Society of Nephrology: JASN, 2021, 32, 927-937.	6.1	9
80	Impact of diabetes on subclinical atherosclerosis and major cardiovascular events in individuals with and without non-alcoholic fatty liver disease. Diabetes Research and Clinical Practice, 2021, 177, 108873.	2.8	9
81	Association of QTc Interval with Risk of Cardiovascular Diseases and Related Vascular Traits: A Prospective and Longitudinal Analysis. Global Heart, 2020, 15, 13.	2.3	9
82	Association of branched chain amino acids related variant rs1440581 with risk of incident diabetes and longitudinal changes in insulin resistance in Chinese. Acta Diabetologica, 2018, 55, 901-908.	2.5	8
83	Genetic susceptibility, family history of diabetes and healthy lifestyle factors in relation to diabetes: A gene–environment interaction analysis in Chinese adults. Journal of Diabetes Investigation, 2021, 12, 2089-2098.	2.4	8
84	Afternoon nap and nighttime sleep with risk of micro- and macrovascular disease in middle-aged and elderly population. International Journal of Cardiology, 2015, 187, 553-555.	1.7	7
85	Serum CA 19-9 and risk of incident diabetes in middle-aged and elderly Chinese: a prospective cohort study. Acta Diabetologica, 2017, 54, 201-208.	2.5	7
86	Associations between parity, pregnancy loss, and breastfeeding duration and risk of maternal type 2 diabetes: An observational cohort study. Journal of Diabetes, 2021, 13, 857-867.	1.8	7
87	Association of early adulthood weight and subsequent weight change with cardiovascular diseases: Findings from REACTION study. International Journal of Cardiology, 2021, 332, 209-215.	1.7	7
88	Novel Subgroups and Chronic Complications of Diabetes in Middle-Aged and Elderly Chinese:A Prospective Cohort Study. Frontiers in Endocrinology, 2021, 12, 802114.	3.5	7
89	The Causal Effect of Systolic Blood Pressure Lowering on Vascular Outcomes in Diabetes: A Mendelian Randomization Study. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 2616-2625.	3.6	7
90	Glycemic status and chronic kidney disease in <scp>C</scp>hinese adults: <scp>F</scp>indings from the <scp>REACTION</scp> study. Journal of Diabetes, 2017, 9, 837-845.	1.8	6

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91	A validation study of UCSD-Mayo risk score in predicting hospital-acquired acute kidney injury in COVID-19 patients. Renal Failure, 2021, 43, 1115-1123.	2.1	6
92	Individual and Combined Cardiometabolic Morbidities and the Subsequent Risk of Cardiovascular Events in Chinese Adults. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e84-e94.	3.6	6
93	Individual and Combined Associations of Glucose Metabolic ComponentsÂWith Cognitive Function Modified by Obesity. Frontiers in Endocrinology, 2021, 12, 769120.	3.5	6
94	Diabesity phenotype and the risks of cardiovascular disease and subclinical atherosclerosis: A prospective cohort study. Obesity, 2022, 30, 1681-1690.	3.0	6
95	Association of Serum Fetuin-A Levels With the Risk of Albuminuria in Middle-Aged and Elderly Chinese. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1235-1242.	3.6	5
96	The association of lowâ€grade albuminuria with incident nonâ€alcoholic fatty liver disease and nonâ€invasive markers of liver fibrosis by glycaemia status. Liver International, 2021, 41, 101-109.	3.9	5
97	The Association and Predictive Ability of ECG Abnormalities with Cardiovascular Diseases: A Prospective Analysis. Global Heart, 2020, 15, 59.	2.3	5
98	Associations of body shapes with insulin resistance and cardiometabolic risk in middle-aged and elderly Chinese. Nutrition and Metabolism, 2021, 18, 103.	3.0	5
99	Association Between Bone Mineral Density and Pancreatic Î²-Cell Function in Elderly Men and Postmenopausal Women. Journal of the Endocrine Society, 2017, 1, 1085-1094.	0.2	4
100	Association between Depression and Renal Hyperfiltration in a General Chinese Population. Kidney and Blood Pressure Research, 2019, 44, 1441-1452.	2.0	4
101	Long-Term Glycemic Variability Is Associated With Arterial Stiffness in Chinese Adults. Frontiers in Endocrinology, 2021, 12, 711540.	3.5	4
102	The association and joint effect of serum cholesterol, glycemic status with the risk of incident cancer among middle-aged and elderly population in china cardiometabolic disease and cancer cohort (4C)-study. American Journal of Cancer Research, 2020, 10, 975-986.	1.4	4
103	Impact of visitâ€toâ€visit fasting plasma glucose variability on the development of diabetes: The mediation by insulin resistance. Journal of Diabetes, 2022, 14, 205-215.	1.8	4
104	GREM2 is associated with human central obesity and inhibits visceral preadipocyte browning. EBioMedicine, 2022, 78, 103969.	6.1	4
105	New clusters of serum electrolytes aid in stratification of diabetes and metabolic risk. Journal of Diabetes, 2022, 14, 121-133.	1.8	4
106	New definition of metabolic dysfunction-associated fatty liver disease with elevated brachial-ankle pulse wave velocity and albuminuria: a prospective cohort study. Frontiers of Medicine, 2022, 16, 714-722.	3.4	4
107	Carotid intima-media thickness and plagues are associated with indicators of peripheral artery diseases in patients with diabetes. Diabetes Research and Clinical Practice, 2018, 144, 245-251.	2.8	3
108	A comparative analysis of current blood pressure management guidelines in people with and without diabetes. Journal of Diabetes, 2020, 12, 781-790.	1.8	3

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109	Regional difference in the susceptibility of non-alcoholic fatty liver disease in China. BMJ Open Diabetes Research and Care, 2020, 8, e001311.	2.8	3
110	Association of soy food with cardiovascular outcomes and all-cause mortality in a Chinese population: a nationwide prospective cohort study. European Journal of Nutrition, 2022, 61, 1609-1620.	3.9	3
111	Detection of diabetes and prediabetes using glycosylated hemoglobin in Chinese adults living in Shanghai: A prospective analysis. Journal of Diabetes, 2020, 12, 573-582.	1.8	2
112	Type 2 diabetes RCTs in mainland China: insights from a systematic review. Lancet Diabetes and Endocrinology,the, 2021, 9, 64-66.	11.4	2
113	The 2017 ACC/AHA stage 1 hypertension is associated with arterial stiffness: a prospective analysis. Aging, 2021, 13, 10075-10086.	3.1	2
114	The association between age at diagnosis of type 2 diabetes and albuminuria in Chinese adults: A nationwide population study. Journal of Diabetes, 2021, 13, 987-997.	1.8	2
115	Dietary inflammatory index and cardiorenal function in women with diabetes and prediabetes. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 2319-2327.	2.6	2
116	Gestational hyperglycemia and the risk of cardiovascular diseases among elderly Chinese women: Findings from the REACTION study. Journal of Diabetes, 2021, 13, 949-959.	1.8	2
117	Serum Dickkopf-3 Level Is Inversely Associated with Significant Coronary Stenosis in an Asymptomatic Chinese Cohort. International Heart Journal, 2020, 61, 1107-1113.	1.0	2
118	Pan–risk factor for a comprehensive cardiovascular health management. Journal of Diabetes, 2022, 14, 179-191.	1.8	2
119	Use of the new guidelines on an earlier age threshold of 35 years for diabetes screening can identify an additional 6.3 million undiagnosed individuals with diabetes and 72.3 million individuals with prediabetes among Chinese adults: An analysis of a nationally representative survey. Metabolism: Clinical and Experimental, 2022, 134, 155238.	3.4	2
120	Comprehensive risk profiles of family history and lifestyle and metabolic risk factors in relation to diabetes: A prospective cohort study. Journal of Diabetes, 2022, 14, 414-424.	1.8	2
121	The Relative Body Weight Gain From Early to Middle Life Adulthood Associated With Later Life Risk of Diabetes: A Nationwide Cohort Study. Frontiers in Endocrinology, 0, 13, .	3.5	1
122	The Reply. American Journal of Medicine, 2019, 132, e627.	1.5	0
123	Is Alanine Aminotransferase Associated with Osteopenia in Middle-Aged and Elderly Chinese?. Endocrine Practice, 2014, 20, 775-784.	2.1	0
124	Negative Risk Markers for Cardiovascular Risk Evaluation in Chinese Adults. Frontiers in Cardiovascular Medicine, 2022, 9, 800671.	2.4	0
125	Changes in adiposity modulate the APOA5 genetic effect on blood lipids: A longitudinal cohort study. Atherosclerosis, 2022, 350, 1-8.	0.8	0
126	Depression Status, Lifestyle, and Metabolic Factors With Subsequent Risk for Major Cardiovascular Events: The China Cardiometabolic Disease and Cancer Cohort (4C) Study. Frontiers in Cardiovascular Medicine, 2022, 9, .	2.4	0