

## List of Publications by Year in descending order

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XIN CAO

#	Article	IF	CITATIONS
1	Association of Non-alcoholic Fatty Liver Disease with Chronic Kidney Disease: A Systematic Review and Meta-analysis. PLoS Medicine, 2014, 11, e1001680.	8.4	507
2	Efficacy of Berberine in Patients with Non-Alcoholic Fatty Liver Disease. PLoS ONE, 2015, 10, e0134172.	2.5	163
3	Berberine attenuates nonalcoholic hepatic steatosis through the AMPK-SREBP-1c-SCD1 pathway. Free Radical Biology and Medicine, 2019, 141, 192-204.	2.9	147
4	N6â€Methyladenosine Reader Protein YT521â€B Homology Domainâ€Containing 2 Suppresses Liver Steatosis by Regulation of mRNA Stability of Lipogenic Genes. Hepatology, 2021, 73, 91-103.	7.3	128
5	Standardized Ultrasound Hepatic/Renal Ratio and Hepatic Attenuation Rate to Quantify Liver Fat Content: An Improvement Method. Obesity, 2012, 20, 444-452.	3.0	116
6	Berberine attenuates hepatic steatosis and enhances energy expenditure in mice by inducing autophagy and fibroblast growth factor 21. British Journal of Pharmacology, 2018, 175, 374-387.	5.4	116
7	A indicator of visceral adipose dysfunction to evaluate metabolic health in adult Chinese. Scientific Reports, 2016, 6, 38214.	3.3	111
8	Diagnosis and management of nonâ€alcoholic fatty liver disease and related metabolic disorders: Consensus statement from the <scp>S</scp> tudy <scp>G</scp> roup of <scp>L</scp> iver and <scp>M</scp> etabolism, <scp>C</scp> hinese <scp>S</scp> ociety of <scp>E</scp> ndocrinology (éžé'ç <sup>23</sup> /4性 Journal of Diabetes, 2013, 5, 406-415.	.1.8 e,"e,ªæ€§o	è97 è,ç—…ä,Žç>,
9	Hepatic ATF6 Increases Fatty Acid Oxidation to Attenuate Hepatic Steatosis in Mice Through Peroxisome Proliferator–Activated Receptor α. Diabetes, 2016, 65, 1904-1915.	0.6	96
10	Berberine ameliorates nonalcoholic fatty liver disease by a global modulation of hepatic mRNA and IncRNA expression profiles. Journal of Translational Medicine, 2015, 13, 24.	4.4	92
11	NAFLD and Diabetes: Two Sides of the Same Coin? Rationale for Gene-Based Personalized NAFLD Treatment. Frontiers in Pharmacology, 2019, 10, 877.	3.5	86
12	Berberine promotes the recruitment and activation of brown adipose tissue in mice and humans. Cell Death and Disease, 2019, 10, 468.	6.3	77
13	Efficacy of exenatide and insulin glargine on nonalcoholic fatty liver disease in patients with type 2 diabetes. Diabetes/Metabolism Research and Reviews, 2020, 36, e3292.	4.0	68
14	Lipid profiling of the therapeutic effects of berberine in patients with nonalcoholic fatty liver disease. Journal of Translational Medicine, 2016, 14, 266.	4.4	67
15	Dorzagliatin monotherapy in Chinese patients with type 2 diabetes: a dose-ranging, randomised, double-blind, placebo-controlled, phase 2 study. Lancet Diabetes and Endocrinology,the, 2018, 6, 627-636.	11.4	61
16	Effect of Berberine on promoting the excretion of cholesterol in high-fat diet-induced hyperlipidemic hamsters. Journal of Translational Medicine, 2015, 13, 278.	4.4	60
17	Sarcopenia, sarcopenic overweight/obesity and risk of cardiovascular disease and cardiac arrhythmia: A cross-sectional study. Clinical Nutrition, 2021, 40, 571-580.	5.0	57
18	The Shanghai Changfeng Study: a community-based prospective cohort study of chronic diseases among middle-aged and elderly: objectives and design. European Journal of Epidemiology, 2010, 25, 885-893.	5.7	56

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19	Acetylation of Mitochondrial Trifunctional Protein α-Subunit Enhances Its Stability To Promote Fatty Acid Oxidation and Is Decreased in Nonalcoholic Fatty Liver Disease. Molecular and Cellular Biology, 2016, 36, 2553-2567.	2.3	55
20	Berberine alleviates nonalcoholic fatty liver induced by a highâ€fat diet in mice by activating SIRT3. FASEB Journal, 2019, 33, 7289-7300.	0.5	53
21	Newâ€onset diabetes after liver transplantation and its impact on complications and patient survival. Journal of Diabetes, 2015, 7, 881-890.	1.8	51
22	Metformin attenuates triglyceride accumulation in HepG2 cells through decreasing stearyl-coenzyme A desaturase 1 expression. Lipids in Health and Disease, 2018, 17, 114.	3.0	49
23	The MDM2–p53–pyruvate carboxylase signalling axis couples mitochondrial metabolism to glucose-stimulated insulin secretion in pancreatic β-cells. Nature Communications, 2016, 7, 11740.	12.8	47
24	Conjugated secondary 12α-hydroxylated bile acids promote liver fibrogenesis. EBioMedicine, 2021, 66, 103290.	6.1	47
25	Tetramethylpyrazine protects palmitate-induced oxidative damage and mitochondrial dysfunction in C2C12 myotubes. Life Sciences, 2011, 88, 803-809.	4.3	45
26	The Potential Mechanisms of Berberine in the Treatment of Nonalcoholic Fatty Liver Disease. Molecules, 2016, 21, 1336.	3.8	45
27	Deletion of sphingosine kinase 1 ameliorates hepatic steatosis in diet-induced obese mice: Role of PPARγ. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 138-147.	2.4	41
28	Association of visceral adiposity and its longitudinal increase with the risk of diabetes in Chinese adults: A prospective cohort study. Diabetes/Metabolism Research and Reviews, 2018, 34, e3048.	4.0	41
29	The association of liver fat content and serum alanine aminotransferase with bone mineral density in middle-aged and elderly Chinese men and postmenopausal women. Journal of Translational Medicine, 2016, 14, 11.	4.4	39
30	Berberine ameliorates fatty acid-induced oxidative stress in human hepatoma cells. Scientific Reports, 2017, 7, 11340.	3.3	38
31	DRAK2 aggravates nonalcoholic fatty liver disease progression through SRSF6-associated RNA alternative splicing. Cell Metabolism, 2021, 33, 2004-2020.e9.	16.2	38
32	Effect of age on the diagnostic efficiency of HbA1c for diabetes in a Chinese middle-aged and elderly population: The Shanghai Changfeng Study. PLoS ONE, 2017, 12, e0184607.	2.5	37
33	Hepatic F-Box Protein FBXW7 Maintains Glucose Homeostasis Through Degradation of Fetuin-A. Diabetes, 2018, 67, 818-830.	0.6	37
34	Hepatic CREBZF couples insulin to lipogenesis by inhibiting insig activity and contributes to hepatic steatosis in dietâ€induced insulinâ€resistant mice. Hepatology, 2018, 68, 1361-1375.	7.3	37
35	Sino-European Differences in the Genetic Landscape and Clinical Presentation of Pheochromocytoma and Paraganglioma. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 3295-3307.	3.6	34
36	Serum metabolite profiles are associated with the presence of advanced liver fibrosis in Chinese patients with chronic hepatitis B viral infection. BMC Medicine, 2020, 18, 144.	5.5	33

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37	Thrombospondin 1 improves hepatic steatosis in diet-induced insulin-resistant mice and is associated with hepatic fat content in humans. EBioMedicine, 2020, 57, 102849.	6.1	33
38	CREBZF as a Key Regulator of STAT3 Pathway in the Control of Liver Regeneration in Mice. Hepatology, 2020, 71, 1421-1436.	7.3	32
39	Influencing Factors of New-Onset Diabetes after a Renal Transplant and Their Effects on Complications and Survival Rate. PLoS ONE, 2014, 9, e99406.	2.5	32
40	The prevalence of multiple non-communicable diseases among middle-aged and elderly people: the Shanghai Changfeng Study. European Journal of Epidemiology, 2017, 32, 159-163.	5.7	30
41	Serum folic acid levels are associated with the presence and severity of liver steatosis in Chinese adults. Clinical Nutrition, 2018, 37, 1752-1758.	5.0	30
42	Relationship between HbA1c and Continuous Glucose Monitoring in Chinese Population: A Multicenter Study. PLoS ONE, 2013, 8, e83827.	2.5	29
43	Tetramethylpyrazine Ameliorates High Glucose-Induced Endothelial Dysfunction by Increasing Mitochondrial Biogenesis. PLoS ONE, 2014, 9, e88243.	2.5	29
44	Regulation of hepatic insulin signaling and glucose homeostasis by sphingosine kinase 2. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24434-24442.	7.1	29
45	Sphingosine Kinase 1 Protects Hepatocytes from Lipotoxicity via Down-regulation of IRE1α Protein Expression. Journal of Biological Chemistry, 2015, 290, 23282-23290.	3.4	28
46	Bile Acid Profiles Are Distinct among Patients with Different Etiologies of Chronic Liver Disease. Journal of Proteome Research, 2021, 20, 2340-2351.	3.7	27
47	Insights into contribution of genetic variants towards the susceptibility of MAFLD revealed by the NMR-based lipoprotein profiling. Journal of Hepatology, 2021, 74, 974-977.	3.7	26
48	Influence of Ethnicity on the Accuracy of Non-Invasive Scores Predicting Non-Alcoholic Fatty Liver Disease. PLoS ONE, 2016, 11, e0160526.	2.5	26
49	Assessment of liver fat content using quantitative ultrasonography to evaluate risks for metabolic diseases. Obesity, 2015, 23, 1929-1937.	3.0	25
50	Relationship between glycated albumin and glycated hemoglobin according to glucose tolerance status: A multicenter study. Diabetes Research and Clinical Practice, 2016, 115, 17-23.	2.8	23
51	Donor liver steatosis: A risk factor for early newâ€onset diabetes after liver transplantation. Journal of Diabetes Investigation, 2017, 8, 181-187.	2.4	23
52	Type 2 Diabetes Is Causally Associated With Reduced Serum Osteocalcin: A Genomewide Association and Mendelian Randomization Study. Journal of Bone and Mineral Research, 2020, 36, 1694-1707.	2.8	23
53	Vitamin D Levels Are Inversely Associated with Liver Fat Content and Risk of Non-Alcoholic Fatty Liver Disease in a Chinese Middle-Aged and Elderly Population: The Shanghai Changfeng Study. PLoS ONE, 2016, 11, e0157515.	2.5	23
54	Postprandial Blood Glucose Outweighs Fasting Blood Glucose and HbA1c in screening Coronary Heart Disease. Scientific Reports, 2017, 7, 14212.	3.3	22

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55	The PNPLA3 rs738409 C>G variant interacts with changes in body weight over time to aggravate liver steatosis, but reduces the risk of incident type 2 diabetes. Diabetologia, 2019, 62, 644-654.	6.3	22
56	Osteocalcin and Non-Alcoholic Fatty Liver Disease: Lessons From Two Population-Based Cohorts and Animal Models. Journal of Bone and Mineral Research, 2020, 36, 712-728.	2.8	22
57	Association between non-alcoholic fatty liver disease-associated hepatic fibrosis and bone mineral density in postmenopausal women with type 2 diabetes or impaired glucose regulation. BMJ Open Diabetes Research and Care, 2020, 8, e000999.	2.8	20
58	Thyroid Function, Prevalent Coronary Heart Disease, and Severity of Coronary Atherosclerosis in Patients Undergoing Coronary Angiography. International Journal of Endocrinology, 2015, 2015, 1-9.	1.5	18
59	Serum retinol binding protein 4 is associated with visceral fat in human with nonalcoholic fatty liver disease without known diabetes: a cross-sectional study. Lipids in Health and Disease, 2015, 14, 28.	3.0	18
60	Effect of Metabolic Syndrome Score, Metabolic Syndrome, and Its Individual Components on the Prevalence and Severity of Angiographic Coronary Artery Disease. Chinese Medical Journal, 2017, 130, 669-677.	2.3	18
61	The Significance of Screening for Microvascular Diseases in Chinese Community-Based Subjects with Various Metabolic Abnormalities. PLoS ONE, 2014, 9, e97928.	2.5	18
62	NAFLDâ€related gene polymorphisms and allâ€cause and causeâ€specific mortality in an Asian population: the Shanghai Changfeng Study. Alimentary Pharmacology and Therapeutics, 2022, 55, 705-721.	3.7	17
63	Serum levels of osteocalcin in relation to glucose metabolism and carotid atherosclerosis in Chinese middle-aged and elderly male adults: The Shanghai Changfeng Study. European Journal of Internal Medicine, 2014, 25, 259-264.	2.2	16
64	Cdx-2 polymorphism in Vitamin D Receptor gene was associated with serum 25-hydroxyvitamin D levels, bone mineral density and fracture in middle-aged and elderly Chinese women. Molecular and Cellular Endocrinology, 2016, 427, 155-161.	3.2	16
65	Contribution and interaction of the lowâ€density lipoprotein cholesterol to highâ€density lipoprotein cholesterol ratio and triglyceride to diabetes in hypertensive patients: A crossâ€sectional study. Journal of Diabetes Investigation, 2019, 10, 131-138.	2.4	16
66	Serum retinol binding protein 4 is negatively related to beta cell function in Chinese women with non-alcoholic fatty liver disease: a cross-sectional study. Lipids in Health and Disease, 2013, 12, 157.	3.0	15
67	A novel APOC2 gene mutation identified in a Chinese patient with severe hypertriglyceridemia and recurrent pancreatitis. Lipids in Health and Disease, 2016, 15, 12.	3.0	15
68	Serum triglyceride, high-density lipoprotein cholesterol, apolipoprotein B, and coronary heart disease in a Chinese population undergoing coronary angiography. Journal of Clinical Lipidology, 2017, 11, 646-656.	1.5	14
69	FoxO3 regulates hepatic triglyceride metabolism via modulation of the expression of sterol regulatory-element binding protein 1c. Lipids in Health and Disease, 2019, 18, 197.	3.0	14
70	Fasting Serum Fructose Levels Are Associated With Risk of Incident Type 2 Diabetes in Middle-Aged and Older Chinese Population. Diabetes Care, 2020, 43, 2217-2225.	8.6	14
71	Optimal Vitamin D Status in a Middle-Aged and Elderly Population Residing in Shanghai, China. Medical Science Monitor, 2017, 23, 6001-6011.	1.1	14
72	Mean Platelet Volume in Relation to Carotid Atherosclerosis in Normotensive, Euglycemic, and Normolipidemic Chinese Middle-Aged and Elderly Adults. Angiology, 2014, 65, 512-518.	1.8	12

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73	Genetically predicted body composition in relation to cardiometabolic traits: a Mendelian randomization study. European Journal of Epidemiology, 2021, 36, 1157-1168.	5.7	12
74	Relationship between non–high-density lipoprotein cholesterol and carotid atherosclerosis in normotensive and euglycemic Chinese middle-aged and elderly adults. Lipids in Health and Disease, 2017, 16, 55.	3.0	11
75	Serum ferritin levels are associated with insulin resistance in Chinese men and post-menopausal women: the Shanghai Changfeng study. British Journal of Nutrition, 2018, 120, 863-871.	2.3	11
76	The major causes and risk factors of total and cause-specific mortality during 5.4-year follow-up: the Shanghai Changfeng Study. European Journal of Epidemiology, 2019, 34, 939-949.	5.7	11
77	The PNPLA3 rs738409 C>G variant influences the association between low skeletal muscle mass and NAFLD: the Shanghai Changfeng Study. Alimentary Pharmacology and Therapeutics, 2019, 50, 684-695.	3.7	11
78	Berberine reverses abnormal expression of L-type pyruvate kinase by DNA demethylation and histone acetylation in the livers of the non-alcoholic fatty disease rat. International Journal of Clinical and Experimental Medicine, 2015, 8, 7535-43.	1.3	11
79	Serum ferritin levels are associated with carotid atherosclerosis in Chinese postmenopausal women: the Shanghai Changfeng Study. British Journal of Nutrition, 2015, 114, 1064-1071.	2.3	10
80	Acute Effects of Sleeve Gastrectomy on Glucose Variability, Glucose Metabolism, and Ghrelin Response. Obesity Surgery, 2021, 31, 4005-4014.	2.1	10
81	Small Proline-Rich Protein 3 Regulates IL-33/ILC2 Axis to Promote Allergic Airway Inflammation. Frontiers in Immunology, 2021, 12, 758829.	4.8	10
82	Serum 25-hydroxyvitamin D levels are associated with carotid atherosclerosis in normotensive and euglycemic Chinese postmenopausal women: the Shanghai Changfeng study. BMC Cardiovascular Disorders, 2014, 14, 197.	1.7	9
83	Thyroid function and non-alcoholic fatty liver disease in hyperthyroidism patients. BMC Endocrine Disorders, 2021, 21, 27.	2.2	9
84	Biomarker Discovery in Atherosclerotic Diseases Using Quantitative Nuclear Magnetic Resonance Metabolomics. Frontiers in Cardiovascular Medicine, 2021, 8, 681444.	2.4	9
85	Clinical Characteristics and Prognosis of Allergic Bronchopulmonary Aspergillosis: A Retrospective Cohort Study. Journal of Asthma and Allergy, 2022, Volume 15, 53-62.	3.4	9
86	Preoperative Thyroid Autoimmune Status and Changes in Thyroid Function and Body Weight After Bariatric Surgery. Obesity Surgery, 2019, 29, 2904-2911.	2.1	8
87	Diagnosis of Fibrosis Using Blood Markers and Logistic Regression in Southeast Asian Patients With Non-alcoholic Fatty Liver Disease. Frontiers in Medicine, 2021, 8, 637652.	2.6	8
88	Performance of liver stiffness measurements obtained with FibroScan is affected by glucose metabolism in patients with nonalcoholic fatty liver disease. Lipids in Health and Disease, 2021, 20, 27.	3.0	8
89	Prediction of Metabolic Disorders Using NMR-Based Metabolomics: The Shanghai Changfeng Study. Phenomics, 2021, 1, 186-198.	2.9	8
90	Liver Fat Content Is Associated with Elevated Serum Uric Acid in the Chinese Middle-Aged and Elderly Populations: Shanghai Changfeng Study. PLoS ONE, 2015, 10, e0140379.	2.5	7

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91	Serum retinol binding protein 4 is negatively related to estrogen in Chinese women with obesity: a cross-sectional study. Lipids in Health and Disease, 2016, 15, 52.	3.0	7
92	Association of bone metabolism markers with coronary atherosclerosis and coronary artery disease in postmenopausal women. Journal of Bone and Mineral Metabolism, 2018, 36, 352-363.	2.7	7
93	Molecular evaluation of a sporadic paraganglioma with concurrent IDH1 and ATRX mutations. Endocrine, 2018, 61, 216-223.	2.3	7
94	Effectiveness of clinical alternatives to nerve conduction studies for screening for diabetic distal symmetrical polyneuropathy: A multi-center study. Diabetes Research and Clinical Practice, 2016, 115, 150-156.	2.8	6
95	Incidental Brain Magnetic Resonance Imaging Findings and the Cognitive and Motor Performance in the Elderly: The Shanghai Changfeng Study. Frontiers in Neuroscience, 2021, 15, 631087.	2.8	6
96	Identification of circulating sphingosine kinase-related metabolites for prediction of type 2 diabetes. Journal of Translational Medicine, 2021, 19, 393.	4.4	6
97	Genetic Characteristics of Incidental Pheochromocytoma and Paraganglioma. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e1835-e1842.	3.6	6
98	Molecular subgrouping of medulloblastoma based on few-shot learning of multitasking using conventional MR images: a retrospective multicenter study. Neuro-Oncology Advances, 2020, 2, vdaa079.	0.7	5
99	Image enhancement of color fundus photographs for age-related macular degeneration: the Shanghai Changfeng Study. International Journal of Ophthalmology, 2022, 15, 268-275.	1.1	5
100	Metabolically healthy obesity: Is it really healthy for type 2 diabetes mellitus?. World Journal of Diabetes, 2022, 13, 70-84.	3.5	5
101	Mass spectrometryâ€based cortisol profiling during adrenal venous sampling reveals misdiagnosis for subtyping primary aldosteronism. Clinical Endocrinology, 2022, 96, 680-689.	2.4	5
102	Effect of interleukinâ€2 receptor antagonists on newâ€onset diabetes after liver transplantation: A retrospective cohort study. Journal of Diabetes, 2016, 8, 579-587.	1.8	4
103	Skeletal muscle loss is associated with diabetes in middle-aged and older Chinese men without non-alcoholic fatty liver disease. World Journal of Diabetes, 2021, 12, 2119-2129.	3.5	4
104	Hyperuricemia Associated with Low Skeletal Muscle in the Middle-Aged and Elderly Population in China. Experimental and Clinical Endocrinology and Diabetes, 0, , .	1.2	4
105	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
106	Co-Existence of Sarcoidosis and Sjögren's Syndrome with Hypercalcemia and Renal Involvement: A Case Report and Literature Review. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, 768-776.	1.2	3
107	ROS-Responsive miR-150-5p Downregulation Contributes to Cigarette Smoke-Induced COPD via Targeting IRE1α. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-23.	4.0	3
108	Interleukinâ€2 receptor antagonists: Protective factors against newâ€onset diabetes after renal transplantation. Journal of Diabetes, 2018, 10, 857-865.	1.8	2

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109	Sex-specific association of metabolic risk factors with brain ischemic lesions by severity and location. Biology of Sex Differences, 2019, 10, 40.	4.1	2
110	DS21, a new noninvasive technology, is effective and safe for screening for prediabetes and diabetes in Chinese population. BioMedical Engineering OnLine, 2020, 19, 78.	2.7	2
111	The Association between eGFR and the Aldosterone-to-Renin Ratio and Its Effect on Screening for Primary Aldosteronism. International Journal of Endocrinology, 2020, 2020, 1-7.	1.5	2
112	Serum-Free Thyroxine Levels Were Associated with Pulmonary Hypertension and Pulmonary Artery Systolic Pressure in Euthyroid Patients with Coronary Artery Disease. International Journal of Endocrinology, 2017, 2017, 1-8.	1.5	1
113	Preliminary Curative Effect Analysis of Metabolic Surgery for Obese Patients With/Without Diabetes Mellitus. Journal of Computational and Theoretical Nanoscience, 2016, 13, 252-258.	0.4	1
114	Investigation of Daily Glucose Profile of Inpatients in Non-endocrinology Departments in Chinese Population. Frontiers in Public Health, 2020, 8, 521227.	2.7	0
115	Liver fat content is independently associated with microalbuminuria in a normotensive, euglycaemic Chinese population: a community-based, cross-sectional study. BMJ Open, 2021, 11, e044237.	1.9	0
116	Editorial: opposite effects of genetic polymorphisms known to induce <scp>NAFLD</scp> on hepatic and cardiovascular outcomes in Chinese population—authors' reply. Alimentary Pharmacology and Therapeutics, 2022, 55, 878-879.	3.7	0