Xu Lin

List of Publications by Year
in descending order

86	7,253	76326 40	62596 80
papers	citations	h-index	g-index

91	91	91	14509
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel biomarkers for preâ€diabetes identified by metabolomics. Molecular Systems Biology, 2012, 8, 615.	7.2	605
2	Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190.	27.8	544
3	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases. JAMA Oncology, 2017, 3, 636.	7.1	376
4	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	27.8	353
5	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. PLoS Medicine, 2017, 14, e1002383.	8.4	341
6	The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860.	21.4	341
7	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. Nature Genetics, 2015, 47, 1282-1293.	21.4	294
8	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41.	21.4	286
9	A Marker of Endotoxemia Is Associated With Obesity and Related Metabolic Disorders in Apparently Healthy Chinese. Diabetes Care, 2010, 33, 1925-1932.	8.6	230
10	Vitamin D and Calcium for the Prevention of Fracture. JAMA Network Open, 2019, 2, e1917789.	5.9	195
11	Meta-analysis of genome-wide association studies in East Asian-ancestry populations identifies four new loci for body mass index. Human Molecular Genetics, 2014, 23, 5492-5504.	2.9	192
12	Elevated Retinol-Binding Protein 4 Levels Are Associated with Metabolic Syndrome in Chinese People. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 4827-4834.	3.6	191
13	Ferritin Concentrations, Metabolic Syndrome, and Type 2 Diabetes in Middle-Aged and Elderly Chinese. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4690-4696.	3.6	171
14	Distributions of C-Reactive Protein and its Association With Metabolic Syndrome in Middle-Aged and Older Chinese People. Journal of the American College of Cardiology, 2007, 49, 1798-1805.	2.8	166
15	A Genome-Wide Association Study Identifies GRK5 and RASGRP1 as Type 2 Diabetes Loci in Chinese Hans. Diabetes, 2013, 62, 291-298.	0.6	166
16	Genome-wide association study in Chinese identifies novel loci for blood pressure and hypertension. Human Molecular Genetics, 2015, 24, 865-874.	2.9	157
17	FTO genetic variants, dietary intake and body mass index: insights from 177 330 individuals. Human Molecular Genetics, 2014, 23, 6961-6972.	2.9	143
18	Causes of type 2 diabetes in China. Lancet Diabetes and Endocrinology,the, 2014, 2, 980-991.	11.4	137

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19	Early Prediction of Developing Type 2 Diabetes by Plasma Acylcarnitines: A Population-Based Study. Diabetes Care, 2016, 39, 1563-1570.	8.6	132
20	Exome chip meta-analysis identifies novel loci and East Asianâ€“specific coding variants that contribute to lipid levels and coronary artery disease. Nature Genetics, 2017, 49, 1722-1730.	21.4	129
21	Associations of Physical Activity With Inflammatory Factors, Adipocytokines, and Metabolic Syndrome in Middle-Aged and Older Chinese People. Circulation, 2009, 119, 2969-2977.	1.6	115
22	Role of advanced glycation end products in mobility and considerations in possible dietary and nutritional intervention strategies. Nutrition and Metabolism, 2018, 15, 72.	3.0	108
23	Meta-analysis of genome-wide association studies of adult height in East Asians identifies 17 novel loci. Human Molecular Genetics, 2015, 24, 1791-1800.	2.9	105
24	The flavonoid procyanidin C1 has senotherapeutic activity and increases lifespan in mice. Nature Metabolism, 2021, 3, 1706-1726.	11.9	99
25	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. Nature Genetics, 2019, 51, 452-469.	21.4	89
26	Association of vitamin D with risk of type 2 diabetes: A Mendelian randomisation study in European and Chinese adults. PLoS Medicine, 2018, 15, e1002566.	8.4	82
27	Cholesterol and fatty acids regulate cysteine ubiquitylation of ACAT2 through competitive oxidation. Nature Cell Biology, 2017, 19, 808-819.	10.3	81
28	Associations of erythrocyte fatty acids in the de novo lipogenesis pathway with risk of metabolic syndrome in a cohort study of middle-aged and older Chinese. American Journal of Clinical Nutrition, 2013, 98, 319-326.	4.7	76
29	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. Nature Communications, 2018, 9, 5052.	12.8	75
30	Diet and Cardiovascular Disease: Advances and Challenges in Population-Based Studies. Cell Metabolism, 2018, 27, 489-496.	16.2	69
31	Associations of erythrocyte palmitoleic acid with adipokines, inflammatory markers, and the metabolic syndrome in middle-aged and older Chinese. American Journal of Clinical Nutrition, 2012, 96, 970-976.	4.7	63
32	Dairy Consumption, Type 2 Diabetes, and Changes in Cardiometabolic Traits: A Prospective Cohort Study of Middle-Aged and Older Chinese in Beijing and Shanghai. Diabetes Care, 2014, 37, 56-63.	8.6	63
33	Multiple Nonglycemic Genomic Loci Are Newly Associated With Blood Level of Glycated Hemoglobin in East Asians. Diabetes, 2014, 63, 2551-2562.	0.6	61
34	Genome-wide association studies in East Asians identify new loci for waist-hip ratio and waist circumference. Scientific Reports, 2016, 6, 17958.	3.3	58
35	A Genome Wide Association Study Identifies Common Variants Associated with Lipid Levels in the Chinese Population. PLoS ONE, 2013, 8, e82420.	2.5	57
36	Associations among circulating sphingolipids, Î²-cell function, and risk of developing type 2 diabetes: A population-based cohort study in China. PLoS Medicine, 2020, 17, e1003451.	8.4	55

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37	The Association of Depressive Symptoms with Inflammatory Factors and Adipokines in Middle-Aged and Older Chinese. PLoS ONE, 2008, 3, e1392.	2.5	54
38	The Jiangnan diet, a healthy diet pattern for Chinese. Journal of Diabetes, 2020, 12, 365-371.	1.8	50
39	Adiponectin and Metabolic Syndrome in Middleâ€aged and Elderly Chinese. Obesity, 2008, 16, 172-178.	3.0	48
40	Age at menarche and age at natural menopause in East Asian women: a genome-wide association study. Age, 2016, 38, 513-523.	3.0	47
41	Genome-wide meta-analyses identify novel loci associated with n-3 and n-6 polyunsaturated fatty acid levels in Chinese and European-ancestry populations. Human Molecular Genetics, 2016, 25, 1215-1224.	2.9	42
42	Red meat, poultry and fish consumption and risk of diabetes: a 9Âyear prospective cohort study of the China Kadoorie Biobank. Diabetologia, 2020, 63, 767-779.	6.3	39
43	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
44	Associations of Genetic Risk Score with Obesity and Related Traits and the Modifying Effect of Physical Activity in a Chinese Han Population. PLoS ONE, 2014, 9, e91442.	2.5	34
45	Obesity related metabolic abnormalities: Distribution and geographic differences among middle-aged and older Chinese populations. Preventive Medicine, 2009, 48, 272-278.	3.4	33
46	Ethnic Differences in Iron Status. Advances in Nutrition, 2021, 12, 1838-1853.	6.4	29
47	Erythrocyte n-3 Fatty Acids and Metabolic Syndrome in Middle-Aged and Older Chinese. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E973-E977.	3.6	28
48	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.	2.3	24
49	Natural selection on HFE in Asian populations contributes to enhanced non-heme iron absorption. BMC Genetics, 2015, 16, 61.	2.7	24
50	Associations of Plasma Amino Acid and Acylcarnitine Profiles with Incident Reduced Glomerular Filtration Rate. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 560-568.	4.5	19
51	Discovery and fine-mapping of loci associated with MUFAs through trans-ethnic meta-analysis in Chinese and European populations. Journal of Lipid Research, 2017, 58, 974-981.	4.2	18
52	Retinol binding protein 4 and risk of type 2 diabetes in Singapore Chinese men and women: a nested case-control study. Nutrition and Metabolism, 2019, 16, 3.	3.0	18
53	Associations of inflammatory factors with glycaemic status among middleâ€aged and older Chinese people. Clinical Endocrinology, 2009, 70, 854-862.	2.4	17
54	Interaction between a common variant in FADS1 and erythrocyte polyunsaturated fatty acids on lipid profile in Chinese Hans. Journal of Lipid Research, 2013, 54, 1477-1483.	4.2	17

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55	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.	2.5	15
56	Coding-sequence variants are associated with blood lipid levels in 14,473 Chinese. Human Molecular Genetics, 2016, 25, 4107-4116.	2.9	14
57	A doseâ€“response study of vitamin D3 supplementation in healthy Chinese: a 5-arm randomized, placebo-controlled trial. European Journal of Nutrition, 2016, 55, 383-392.	3.9	14
58	Associations of plasma glycerophospholipid profile with modifiable lifestyles and incident diabetes in middle-aged and older Chinese. Diabetologia, 2022, 65, 315-328.	6.3	14
59	Isocaloric-restricted Mediterranean Diet and Chinese Diets High or Low in Plants in Adults With Prediabetes. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 2216-2227.	3.6	14
60	Elevated plasma tumor necrosis factor-Î± receptor 2 and resistin are associated with increased incidence of kidney function decline in Chinese adults. Endocrine, 2016, 52, 541-549.	2.3	13
61	Circulating Glycerolipids, Fatty Liver Index, and Incidence of Type 2 Diabetes: A Prospective Study Among Chinese. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2010-2020.	3.6	13
62	Plasma glycerophospholipid profile, erythrocyte nâ€“3 PUFAs, and metabolic syndrome incidence: a prospective study in Chinese men and women. American Journal of Clinical Nutrition, 2021, 114, 143-153.	4.7	12
63	Associations of Amino Acid and Acylcarnitine Profiles With Incident Hyperuricemia in Middleâ€Aged and Older Chinese Individuals. Arthritis Care and Research, 2020, 72, 1305-1314.	3.4	11
64	Meta-analysis of genome-wide association studies identifies three novel loci for saturated fatty acids in East Asians. European Journal of Nutrition, 2017, 56, 1477-1484.	3.9	10
65	Erythrocyte PUFAs, circulating acylcarnitines, and metabolic syndrome risk: a prospective study in Chinese. Journal of Lipid Research, 2019, 60, 421-429.	4.2	10
66	Replacing white rice bars with peanuts as snacks in the habitual diet improves metabolic syndrome risk among Chinese adults: a randomized controlled trial. American Journal of Clinical Nutrition, 2021, 113, 28-35.	4.7	10
67	Nickel exposure and prevalent albuminuria and Î²2-microglobulinuria: evidence from a population-based study. Journal of Epidemiology and Community Health, 2016, 70, 437-443.	3.7	9
68	Fatty acids and cardiometabolic health: a review of studies in Chinese populations. European Journal of Clinical Nutrition, 2021, 75, 253-266.	2.9	9
69	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. Nutrients, 2021, 13, 1223.	4.1	8
70	Changes in Plasma Metabolome Profiles Following Oral Glucose Challenge among Adult Chinese. Nutrients, 2021, 13, 1474.	4.1	8
71	Effects of gut microbiota and fatty acid metabolism on dyslipidemia following weight-loss diets in women: Results from a randomized controlled trial. Clinical Nutrition, 2021, 40, 5511-5520.	5.0	8
72	Urinary element profiles and associations with cardiometabolic diseases: A cross-sectional study across ten areas in China. Environmental Research, 2022, 205, 112535.	7.5	7

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73	IL-1Brs1143623 andEEF1A1P11-RPL7P9rs10783050 polymorphisms affect the glucose-lowing efficacy of metformin in Chinese overweight or obese Type 2 diabetes mellitus patients. Pharmacogenomics, 2015, 16, 1621-1629.	1.3	6
74	Cholecalciferol Supplementation Promotes Bone Turnover in Chinese Adults with Vitamin D Deficiency. Journal of Nutrition, 2018, 148, 746-751.	2.9	6
75	Gut Microbiota Composition is Associated with Responses to Peanut Intervention in Multiple Parameters Among Adults with Metabolic Syndrome Risk. Molecular Nutrition and Food Research, 2021, 65, e2001051.	3.3	6
76	Linking of metabolomic biomarkers with cardiometabolic health in Chinese population. Journal of Diabetes, 2019, 11, 280-291.	1.8	5
77	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. Journal of Nutrition, 2022, 152, 1118-1129.	2.9	5
78	Lipidomic Signatures of Dairy Consumption and Associated Changes in Blood Pressure and Other Cardiovascular Risk Factors Among Chinese Adults. Hypertension, 2022, 79, 1617-1628.	2.7	5
79	Plasma Sphingolipid Profile in Association with Incident Metabolic Syndrome in a Chinese Population-Based Cohort Study. Nutrients, 2021, 13, 2263.	4.1	4
80	HDL quality features revealed by proteomeâ€'lipidome connectivity are associated with atherosclerotic disease. Journal of Molecular Cell Biology, 2022, , .	3.3	4
81	Plasma Lipidomic Subclasses and Risk of Hypertension in Middle-Aged and Elderly Chinese. Phenomics, 2022, 2, 283-294.	2.9	4
82	Genetic susceptibility, dietary cholesterol intake, and plasma cholesterol levels in a Chinese population. Journal of Lipid Research, 2020, 61, 1504-1511.	4.2	3
83	A variation in SORBS1 is associated with type 2 diabetes and highâ€density lipoprotein cholesterol in Chinese population. Diabetes/Metabolism Research and Reviews, 2022, 38, e3524.	4.0	3
84	Lipidomics reveals association of circulating lipids with body mass index and outcomes in IgA nephropathy patients. Journal of Molecular Cell Biology, 2021, , .	3.3	2
85	Associations of erythrocyte polyunsaturated fatty acids with incidence of stroke and stroke types in adult Chinese: a prospective study of over 8000 individuals. European Journal of Nutrition, 2022, , 1.	3.9	0
86	Reply to KR Short. Journal of Nutrition, 0, , .	2.9	0