Xiangfeng Lu

List of Publications by Year in descending order

70 papers	5,950 citations	186265 28 h-index	91884 69 g-index
70 all docs	70 docs citations	70 times ranked	11510 citing authors

#	Article	IF	Citations
1	Fruit and vegetable consumption, cardiovascular disease, and all-cause mortality in China. Science China Life Sciences, 2022, 65, 119-128.	4.9	16
2	MicroRNA-320b Modulates Cholesterol Efflux and Atherosclerosis. Journal of Atherosclerosis and Thrombosis, 2022, 29, 200-220.	2.0	15
3	Using genetics to assess the association of commonly used antihypertensive drugs with diabetes, glycaemic traits and lipids: a trans-ancestry Mendelian randomisation study. Diabetologia, 2022, 65, 695-704.	6.3	12
4	Long-term exposure to fine particulate matter modifies the association between physical activity and hypertension incidence. Journal of Sport and Health Science, 2022, 11, 708-715.	6.5	10
5	A polygenic risk score improves risk stratification of coronary artery disease: a large-scale prospective Chinese cohort study. European Heart Journal, 2022, 43, 1702-1711.	2.2	58
6	Fat mass and obesity-associated gene (FTO) hypermethylation induced by decabromodiphenyl ethane causing cardiac dysfunction via glucolipid metabolism disorder. Ecotoxicology and Environmental Safety, 2022, 237, 113534.	6.0	5
7	Association of circulating branched-chain amino acids with risk of cardiovascular disease: A systematic review and meta-analysis. Atherosclerosis, 2022, 350, 90-96.	0.8	13
8	Causal associations of alcohol consumption with cardiovascular diseases and all-cause mortality among Chinese males. American Journal of Clinical Nutrition, 2022, 116, 771-779.	4.7	13
9	Receptor-Mediated ER Export of Lipoproteins Controls Lipid Homeostasis in Mice and Humans. Cell Metabolism, 2021, 33, 350-366.e7.	16.2	70
10	Validating World Health Organization cardiovascular disease risk charts and optimizing risk assessment in China. The Lancet Regional Health - Western Pacific, 2021, 8, 100096.	2.9	12
11	Development and Validation of a Polygenic Risk Score for Stroke in the Chinese Population. Neurology, 2021, 97, e619-e628.	1.1	19
12	Longitudinal association of egg consumption habits with blood lipids among Chinese adults. Chinese Medical Journal, 2021, Publish Ahead of Print, .	2.3	1
13	MiR-520b inhibits endothelial activation by targeting NF-Î²B p65-VCAM1 axis. Biochemical Pharmacology, 2021, 188, 114540.	4.4	7
14	Impacts of Short-Term Fine Particulate Matter Exposure on Blood Pressure Were Modified by Control Status and Treatment in Hypertensive Patients. Hypertension, 2021, 78, 174-183.	2.7	7
15	Sodium Sensitivity, Sodium Resistance, and Incidence of Hypertension: A Longitudinal Follow-Up Study of Dietary Sodium Intervention. Hypertension, 2021, 78, 155-164.	2.7	14
16	Study design, general characteristics of participants, and preliminary findings from the metabolome, microbiome, and dietary salt intervention study (MetaSalt). Chronic Diseases and Translational Medicine, 2021, 7, 227-234.	1.2	0
17	Association of short-term fine particulate matter exposure with pulmonary function in populations at intermediate to high-risk of cardiovascular disease: A panel study in three Chinese cities. Ecotoxicology and Environmental Safety, 2021, 220, 112397.	6.0	5
18	Adverse associations of sedentary behavior with cancer incidence and all-cause mortality: A prospective cohort study. Journal of Sport and Health Science, 2021, 10, 560-569.	6.5	12

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19	Long-term impacts of ambient fine particulate matter exposure on overweight or obesity in Chinese adults: The China-PAR project. Environmental Research, 2021, 201, 111611.	7.5	14
20	Declines in heart rate variability associated with short-term PM2.5 exposure were modified by blood pressure control and treatment: A multi-city panel study in China. Environmental Pollution, 2021, 287, 117572.	7.5	6
21	Benefits of active commuting on cardiovascular health modified by ambient fine particulate matter in China: A prospective cohort study. Ecotoxicology and Environmental Safety, 2021, 224, 112641.	6.0	7
22	Relationship Between the ABO Blood Group and the Coronavirus Disease 2019 (COVID-19) Susceptibility. Clinical Infectious Diseases, 2021, 73, 328-331.	5.8	444
23	Impacts of PM_{2.5} on Ambulatory Blood Pressure Monitoring Indicators Attenuated by Blood Pressure Control Status and Treatment â€" Two Cities and Two Municipalities, China, 2017â˜2019. China CDC Weekly, 2021, 3, 948-953.	2.3	1
24	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	27.8	353
25	The ACTB Variants and Alcohol Drinking Confer Joint Effect to Ischemic Stroke in Chinese Han Population. Journal of Atherosclerosis and Thrombosis, 2020, 27, 226-244.	2.0	11
26	Tea consumption and the risk of atherosclerotic cardiovascular disease and all-cause mortality: The China-PAR project. European Journal of Preventive Cardiology, 2020, 27, 1956-1963.	1.8	41
27	The 17-y spatiotemporal trend of PM _{2.5} and its mortality burden in China. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25601-25608.	7.1	83
28	Long-Term Effects of High Exposure to Ambient Fine Particulate Matter on Coronary Heart Disease Incidence: A Population-Based Chinese Cohort Study. Environmental Science & Technology, 2020, 54, 6812-6821.	10.0	45
29	Ambient air pollution and body weight status in adults: A systematic review and meta-analysis. Environmental Pollution, 2020, 265, 114999.	7.5	46
30	Associations of egg consumption with incident cardiovascular disease and all-cause mortality. Science China Life Sciences, 2020, 63, 1317-1327.	4.9	22
31	Associations of long-term exposure to ambient PM2.5 with mortality in Chinese adults: A pooled analysis of cohorts in the China-PAR project. Environment International, 2020, 138, 105589.	10.0	45
32	Chronic Effects of High Fine Particulate Matter Exposure on Lung Cancer in China. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1551-1559.	5.6	40
33	Long-Term Exposure to Fine Particulate Matter and Cardiovascular Disease inÂChina. Journal of the American College of Cardiology, 2020, 75, 707-717.	2.8	164
34	Predicting 10-Year and Lifetime Stroke Risk in Chinese Population. Stroke, 2019, 50, 2371-2378.	2.0	33
35	Interactive Mobile Health Intervention and Blood Pressure Management in Adults. Hypertension, 2019, 74, 697-704.	2.7	83
36	Association of Lipids With Ischemic and Hemorrhagic Stroke. Stroke, 2019, 50, 3376-3384.	2.0	79

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37	Identification of circular RNA Hsa_circ_0001879 and Hsa_circ_0004104 as novel biomarkers for coronary artery disease. Atherosclerosis, 2019, 286, 88-96.	0.8	103
38	LncRNA ENST00000602558.1 regulates ABCG1 expression and cholesterol efflux from vascular smooth muscle cells through a p65-dependent pathway. Atherosclerosis, 2019, 285, 31-39.	0.8	26
39	Long-Term Exposure to Fine Particulate Matter and Hypertension Incidence in China. Hypertension, 2019, 73, 1195-1201.	2.7	88
40	Long-term exposure to ambient fine particulate matter and incidence of diabetes in China: A cohort study. Environment International, 2019, 126, 568-575.	10.0	76
41	Lifetime Risk of Stroke in the Global Burden of Disease Study. New England Journal of Medicine, 2019, 380, 1377-1378.	27.0	9
42	Impact of healthy lifestyles on cancer risk in the Chinese population. Cancer, 2019, 125, 2099-2106.	4.1	11
43	Long term exposure to ambient fine particulate matter and incidence of stroke: prospective cohort study from the China-PAR project. BMJ, The, 2019, 367, l6720.	6.0	127
44	Genetic variants of cGMP-dependent protein kinase genes and salt sensitivity of blood pressure: the GenSalt study. Journal of Human Hypertension, 2019, 33, 62-68.	2.2	3
45	Genome-Wide Association and Functional Studies Identify SCML4 and THSD7A as Novel Susceptibility Genes for Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 964-975.	2.4	32
46	Association of Kir genes with blood pressure responses to dietary sodium intervention: the GenSalt study. Hypertension Research, 2018, 41, 1045-1053.	2.7	2
47	Ideal cardiovascular health and incidence of atherosclerotic cardiovascular disease among Chinese adults: the China-PAR project. Science China Life Sciences, 2018, 61, 504-514.	4.9	71
48	Predicting lifetime risk for developing atherosclerotic cardiovascular disease in Chinese population: the China-PAR project. Science Bulletin, 2018, 63, 779-787.	9.0	25
49	Associations Between Genetic Variants of NADPH Oxidase-Related Genes and Blood Pressure Responses to Dietary Sodium Intervention: The GenSalt Study. American Journal of Hypertension, 2017, 30, 427-434.	2.0	14
50	Exome-wide association study of plasma lipids in >300,000 individuals. Nature Genetics, 2017, 49, 1758-1766.	21.4	470
51	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
52	Blood Pressure Genetic Risk Score Predicts Blood Pressure Responses to Dietary Sodium and Potassium. Hypertension, 2017, 70, 1106-1112.	2.7	24
53	Associations Between Genetic Variants of the Natriuretic Peptide System and Blood Pressure Response to Dietary Sodium Intervention: The GenSalt Study. American Journal of Hypertension, 2016, 29, 397-404.	2.0	2
54	Coding-sequence variants are associated with blood lipid levels in 14,473 Chinese. Human Molecular Genetics, 2016, 25, 4107-4116.	2.9	14

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55	Genetic Susceptibility to Lipid Levels and Lipid Change Over Time and Risk of Incident Hyperlipidemia in Chinese Populations. Circulation: Cardiovascular Genetics, 2016, 9, 37-44.	5.1	46
56	Genome-Wide Linkage and Positional Association Analyses Identify Associations of Novel AFF3 and NTM Genes with Triglycerides: The GenSalt Study. Journal of Genetics and Genomics, 2015, 42, 107-117.	3.9	13
57	Genetic Predisposition to Higher Blood Pressure Increases Risk of Incident Hypertension and Cardiovascular Diseases in Chinese. Hypertension, 2015, 66, 786-792.	2.7	22
58	A comprehensive 1000 Genomesâ€"based genome-wide association meta-analysis of coronary artery disease. Nature Genetics, 2015, 47, 1121-1130.	21.4	2,054
59	Genome-wide association study in Chinese identifies novel loci for blood pressure and hypertension. Human Molecular Genetics, 2015, 24, 865-874.	2.9	157
60	Plasma miR-122 and miR-3149 Potentially Novel Biomarkers for Acute Coronary Syndrome. PLoS ONE, 2015, 10, e0125430.	2.5	37
61	Functional Analysis of Single-Nucleotide Polymorphisms in the Regulation of Coactivator-Associated Arginine Methyltransferase 1 Expression and Plasma Homocysteine Levels. Circulation: Cardiovascular Genetics, 2014, 7, 642-649.	5.1	3
62	Caffeine Intake and Atrial Fibrillation Incidence: Dose Response Meta-analysis of Prospective Cohort Studies. Canadian Journal of Cardiology, 2014, 30, 448-454.	1.7	75
63	Common Variants in TGFBR2 and miR-518 Genes Are Associated With Hypertension in the Chinese Population. American Journal of Hypertension, 2014, 27, 1268-1276.	2.0	18
64	Coactivator-associated arginine methyltransferase 1 targeted by miR-15a regulates inflammation in acute coronary syndrome. Atherosclerosis, 2014, 233, 349-356.	0.8	29
65	Genome-wide association study in Han Chinese identifies three novel loci for human height. Human Genetics, 2013, 132, 681-689.	3.8	21
66	Genome-wide association study in Han Chinese identifies four new susceptibility loci for coronary artery disease. Nature Genetics, 2012, 44, 890-894.	21.4	295
67	Association of peroxisome proliferatorâ€activated receptor gamma coactivator 1 alpha (PPARGC1A) gene polymorphisms and type 2 diabetes mellitus: a metaâ€analysis. Diabetes/Metabolism Research and Reviews, 2011, 27, 177-184.	4.0	34
68	Associations of PLA2G7 gene polymorphisms with plasma lipoprotein-associated phospholipase A2 activity and coronary heart disease in a Chinese Han population: the Beijing atherosclerosis study. Human Genetics, 2009, 125, 11-20.	3.8	64
69	Interactions among genetic variants from contractile pathway of vascular smooth muscle cell in essential hypertension susceptibility of Chinese Han population. Pharmacogenetics and Genomics, 2008, 18, 459-466.	1.5	30
70	Common variation in KLKB1 and essential hypertension risk: tagging-SNP haplotype analysis in a case-control study. Human Genetics, 2007, 121, 327-335.	3.8	20