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	A comprehensive 1000 Genomesâ€“based genome-wide association meta-analysis of coronary artery disease. Nature Genetics, 2015, 47, 1121-1130.	21.4	2,054
2	Exome-wide association study of plasma lipids in >300,000 individuals. Nature Genetics, 2017, 49, 1758-1766.	21.4	470
3	Relationship Between the ABO Blood Group and the Coronavirus Disease 2019 (COVID-19) Susceptibility. Clinical Infectious Diseases, 2021, 73, 328-331.	5.8	444
4	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	27.8	353
5	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
6	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
7	Genome-wide association study in Chinese identifies novel loci for blood pressure and hypertension. Human Molecular Genetics, 2015, 24, 865-874.	2.9	157
8	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
9	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
10	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
11	Long-Term Exposure to Fine Particulate Matter and Hypertension Incidence in China. Hypertension, 2019, 73, 1195-1201.	2.7	88
12	Interactive Mobile Health Intervention and Blood Pressure Management in Adults. Hypertension, 2019, 74, 697-704.	2.7	83
13	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
14	Association of Lipids With Ischemic and Hemorrhagic Stroke. Stroke, 2019, 50, 3376-3384.	2.0	79
15	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
16	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
17	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
18	Receptor-Mediated ER Export of Lipoproteins Controls Lipid Homeostasis in Mice and Humans. Cell Metabolism, 2021, 33, 350-366.e7.	16.2	70

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19	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
20	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
21	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
22	Ambient air pollution and body weight status in adults: A systematic review and meta-analysis. Environmental Pollution, 2020, 265, 114999.	7.5	46
23	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
24	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
25	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
26	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
27	Plasma miR-122 and miR-3149 Potentially Novel Biomarkers for Acute Coronary Syndrome. PLoS ONE, 2015, 10, e0125430.	2.5	37
28	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
29	Predicting 10-Year and Lifetime Stroke Risk in Chinese Population. Stroke, 2019, 50, 2371-2378.	2.0	33
30	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
31	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
32	Coactivator-associated arginine methyltransferase 1 targeted by miR-15a regulates inflammation in acute coronary syndrome. Atherosclerosis, 2014, 233, 349-356.	0.8	29
33	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
34	Predicting lifetime risk for developing atherosclerotic cardiovascular disease in Chinese population: the China-PAR project. Science Bulletin, 2018, 63, 779-787.	9.0	25
35	Blood Pressure Genetic Risk Score Predicts Blood Pressure Responses to Dietary Sodium and Potassium. Hypertension, 2017, 70, 1106-1112.	2.7	24
36	Genetic Predisposition to Higher Blood Pressure Increases Risk of Incident Hypertension and Cardiovascular Diseases in Chinese. Hypertension, 2015, 66, 786-792.	2.7	22

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37	Associations of egg consumption with incident cardiovascular disease and all-cause mortality. Science China Life Sciences, 2020, 63, 1317-1327.	4.9	22
38	Genome-wide association study in Han Chinese identifies three novel loci for human height. Human Genetics, 2013, 132, 681-689.	3.8	21
39	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
40	Development and Validation of a Polygenic Risk Score for Stroke in the Chinese Population. Neurology, 2021, 97, e619-e628.	1.1	19
41	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
42	Fruit and vegetable consumption, cardiovascular disease, and all-cause mortality in China. Science China Life Sciences, 2022, 65, 119-128.	4.9	16
43	MicroRNA-320b Modulates Cholesterol Efflux and Atherosclerosis. Journal of Atherosclerosis and Thrombosis, 2022, 29, 200-220.	2.0	15
44	Coding-sequence variants are associated with blood lipid levels in 14,473 Chinese. Human Molecular Genetics, 2016, 25, 4107-4116.	2.9	14
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	Impact of healthy lifestyles on cancer risk in the Chinese population. Cancer, 2019, 125, 2099-2106.	4.1	11

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55	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
56	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
57	Lifetime Risk of Stroke in the Global Burden of Disease Study. New England Journal of Medicine, 2019, 380, 1377-1378.	27.0	9
58	MiR-520b inhibits endothelial activation by targeting NF-Î¹B p65-VCAM1 axis. Biochemical Pharmacology, 2021, 188, 114540.	4.4	7
59	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
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	Association of Kir genes with blood pressure responses to dietary sodium intervention: the GenSalt study. Hypertension Research, 2018, 41, 1045-1053.	2.7	2
68	Longitudinal association of egg consumption habits with blood lipids among Chinese adults. Chinese Medical Journal, 2021, Publish Ahead of Print, .	2.3	1
69	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
70	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