Hong Yuan

List of Publications by Year
in descending order

103 papers	**2,108** citations	236612 **25** h-index	301761 **39** g-index
106 all docs	**106** docs citations	**106** times ranked	**3557** citing authors

#	Article	IF	Citations
1	Early life exposure to ambient air pollution and childhood asthma in China. Environmental Research, 2015, 143, 83-92.	3.7	162
2	Preconceptional, prenatal and postnatal exposure to outdoor and indoor environmental factors on allergic diseases/symptoms in preschool children. Chemosphere, 2016, 152, 459-467.	4.2	111
3	Trajectories of Age-Related Arterial Stiffness in Chinese Men and Women. Journal of the American College of Cardiology, 2020, 75, 870-880.	1.2	94
4	Duration of dual antiplatelet therapy after percutaneous coronary intervention with drug-eluting stent: systematic review and network meta-analysis. BMJ: British Medical Journal, 2019, 365, l2222.	2.4	85
5	Association of plasma and urine metals levels with kidney function: A population-based cross-sectional study in China. Chemosphere, 2019, 226, 321-328.	4.2	73
6	Lipid accumulation product is a powerful tool to predict non-alcoholic fatty liver disease in Chinese adults. Nutrition and Metabolism, 2017, 14, 49.	1.3	72
7	Single-Cell RNA-Sequencing and Metabolomics Analyses Reveal the Contribution of Perivascular Adipose Tissue Stem Cells to Vascular Remodeling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 2049-2066.	1.1	72
8	The Role of HMGB1 in Cardiovascular Biology: Danger Signals. Antioxidants and Redox Signaling, 2015, 23, 1351-1369.	2.5	62
9	HMGB1-Driven Inflammation and Intimal Hyperplasia After Arterial Injury Involves Cell-Specific Actions Mediated by TLR4. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 2579-2593.	1.1	62
10	Preconceptional and perinatal exposure to traffic-related air pollution and eczema in preschool children. Journal of Dermatological Science, 2017, 85, 85-95.	1.0	60
11	Chronic kidney disease among overweight and obesity with and without metabolic syndrome in an urban Chinese cohort. BMC Nephrology, 2015, 16, 85.	0.8	47
12	Regulator of G-Protein Signaling 10 Negatively Regulates Cardiac Remodeling by Blocking Mitogen-Activated Protein Kinaseâ€"Extracellular Signal-Regulated Protein Kinase 1/2 Signaling. Hypertension, 2016, 67, 86-98.	1.3	42
13	Hepatic leukocyte immunoglobulinâ€like receptor B4 (LILRB4) attenuates nonalcoholic fatty liver disease via SHP1â€TRAF6 pathway. Hepatology, 2018, 67, 1303-1319.	3.6	41
14	Association between exposure to arsenic, nickel, cadmium, selenium, and zinc and fasting blood glucose levels. Environmental Pollution, 2019, 255, 113325.	3.7	41
15	Caspase-11-Gasdermin D-Mediated Pyroptosis Is Involved in the Pathogenesis of Atherosclerosis. Frontiers in Pharmacology, 2021, 12, 657486.	1.6	39
16	Associations of non-high-density lipoprotein cholesterol, triglycerides and the total cholesterol/HDL-c ratio with arterial stiffness independent of low-density lipoprotein cholesterol in a Chinese population. Hypertension Research, 2019, 42, 1223-1230.	1.5	38
17	Purified vitexin compound 1 inhibits growth and angiogenesis through activation of FOXO3a by inactivation of Akt in hepatocellular carcinoma. International Journal of Molecular Medicine, 2014, 33, 441-448.	1.8	36
18	The Effects of Lead Exposure on Serum Uric Acid and Hyperuricemia in Chinese Adults: A Cross-Sectional Study. International Journal of Environmental Research and Public Health, 2015, 12, 9672-9682.	1.2	35

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19	Lifestyle and Risk of Hypertension: Follow-Up of a Young Pre-Hypertensive Cohort. International Journal of Medical Sciences, 2015, 12, 605-612.	1.1	34
20	Association between homocysteine and non-alcoholic fatty liver disease in Chinese adults: a cross-sectional study. Nutrition Journal, 2016, 15, 102.	1.5	34
21	Effects of Ambient Air Pollution on Blood Pressure Among Children and Adolescents: A Systematic Review and Meta‐Analysis. Journal of the American Heart Association, 2021, 10, e017734.	1.6	34
22	Association of the TG/HDL-C and Non-HDL-C/HDL-C Ratios with Chronic Kidney Disease in an Adult Chinese Population. Kidney and Blood Pressure Research, 2017, 42, 1141-1154.	0.9	29
23	Cathepsin L Promotes Vascular Intimal Hyperplasia after Arterial Injury. Molecular Medicine, 2017, 23, 92-100.	1.9	29
24	Regulator of G protein signalling 14 attenuates cardiac remodelling through the MEK‐ERK1/2 signalling pathway. Basic Research in Cardiology, 2016, 111, 47.	2.5	28
25	Association of multiple metals with lipid markers against different exposure profiles: A population-based cross-sectional study in China. Chemosphere, 2021, 264, 128505.	4.2	28
26	Role of sphingosine-1-phosphate receptor 1 and sphingosine-1-phosphate receptor 2 in hyperglycemia-induced endothelial cell dysfunction. International Journal of Molecular Medicine, 2015, 35, 1103-1108.	1.8	26
27	Association of Intraoperative Hypotension with Acute Kidney Injury after Noncardiac Surgery in Patients Younger than 60 Years Old. Kidney and Blood Pressure Research, 2019, 44, 211-221.	0.9	26
28	Genetic polymorphisms of Wnt/β-catenin pathway genes are associated with the efficacy and toxicities of radiotherapy in patients with nasopharyngeal carcinoma. Oncotarget, 2016, 7, 82528-82537.	0.8	26
29	Angiotensin II-Induced vascular remodeling and hypertension involves cathepsin L/V- MEK/ERK mediated mechanism. International Journal of Cardiology, 2020, 298, 98-106.	0.8	24
30	Cathepsin L activity correlates with proteinuria in chronic kidney disease in humans. International Urology and Nephrology, 2017, 49, 1409-1417.	0.6	21
31	Elevated triglyceride to high-density lipoprotein cholesterol (TG/HDL-C) ratio increased risk of hyperuricemia: a 4-year cohort study in China. Endocrine, 2020, 68, 71-80.	1.1	21
32	Novel role of PKR in palmitate-induced Sirt1 inactivation and endothelial cell senescence. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H571-H580.	1.5	19
33	Transcriptional switch of hepatocytes initiates macrophage recruitment and T-cell suppression in endotoxemia. Journal of Hepatology, 2022, 77, 436-452.	1.8	18
34	Impact of Local Alloimmunity and Recipient Cells in Transplant Arteriosclerosis. Circulation Research, 2020, 127, 974-993.	2.0	17
35	A Randomized, Double Blind, Placebo-Controlled, Multicenter Phase II Trial of Allisartan Isoproxil in Essential Hypertensive Population at Low-Medium Risk. PLoS ONE, 2015, 10, e0117560.	1.1	17
36	Association of Long-term Ambient Fine Particulate Matter (PM2.5) and Incident CKD: A Prospective Cohort Study in China. American Journal of Kidney Diseases, 2022, 80, 638-647.e1.	2.1	17

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37	Diagnostic models of the pre-test probability of stable coronary artery disease: A systematic review. Clinics, 2017, 72, 188-196.	0.6	16
38	Plasma titanium level is positively associated with metabolic syndrome: A survey in China's heavy metal polluted regions. Ecotoxicology and Environmental Safety, 2021, 208, 111435.	2.9	16
39	Pharmacokinetics and Tissue Distribution Study of Chlorogenic Acid from Lonicerae Japonicae Flos Following Oral Administrations in Rats. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-7.	0.5	15
40	Cumulative effect of reproductive factors on ideal cardiovascular health in postmenopausal women: a cross-sectional study in central south China. BMC Cardiovascular Disorders, 2015, 15, 176.	0.7	15
41	Duration of reproductive lifespan and age at menarche in relation to metabolic syndrome in postmenopausal Chinese women. Journal of Obstetrics and Gynaecology Research, 2016, 42, 1581-1587.	0.6	15
42	Ideal cardiovascular health and the subclinical impairments of cardiovascular diseases: a cross-sectional study in central south China. BMC Cardiovascular Disorders, 2017, 17, 269.	0.7	15
43	Methylation of adrenergic Î²1 receptor is a potential epigenetic mechanism controlling antihypertensive response to metoprolol. Indian Journal of Biochemistry and Biophysics, 2011, 48, 301-7.	0.2	15
44	Effects of genetic factors on the pharmacokinetics and pharmacodynamics of amlodipine in primary hypertensive patients. Biomedical Reports, 2015, 3, 195-200.	0.9	14
45	Visit-to-visit Variability of Blood Pressure and Risk of Stroke: Results of the Kailuan Cohort Study. Scientific Reports, 2017, 7, 285.	1.6	14
46	Seasonal Effect on Association between Atmospheric Pollutants and Hospital Emergency Room Visit for Stroke. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 169-176.	0.7	14
47	Association of lipid accumulation product trajectories with 5-year incidence of type 2 diabetes in Chinese adults: a cohort study. Nutrition and Metabolism, 2019, 16, 72.	1.3	13
48	Genotype-Guided Dosing of Warfarin in Chinese Adults. Circulation Genomic and Precision Medicine, 2020, 13, e002602.	1.6	13
49	Unsupervised Clustering Analysis Based on MODS Severity Identifies Four Distinct Organ Dysfunction Patterns in Severely Injured Blunt Trauma Patients. Frontiers in Medicine, 2020, 7, 46.	1.2	13
50	Readability and Content Assessment of Informed Consent Forms for Phase II-IV Clinical Trials in China. PLoS ONE, 2016, 11, e0164251.	1.1	13
51	Low bone mineral density is associated with increased arterial stiffness in participants of a health records based study. Journal of Thoracic Disease, 2015, 7, 790-8.	0.6	13
52	Big Data in Cardiology: State-of-Art and Future Prospects. Frontiers in Cardiovascular Medicine, 2022, 9, 844296.	1.1	12
53	Evaluation of the Highly Variable Agomelatine Pharmacokinetics in Chinese Healthy Subjects to Support Bioequivalence Study. PLoS ONE, 2014, 9, e109300.	1.1	11
54	Independent association between the visceral adiposity index and microalbuminuria in patients with newly diagnosed type 2 diabetes. Diabetes/Metabolism Research and Reviews, 2020, 36, e3198.	1.7	11

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55	Survey on uric acid in Chinese subjects with essential hypertension (SUCCESS): a nationwide cross-sectional study. Annals of Translational Medicine, 2021, 9, 27-27.	0.7	11
56	Distinct developmental trajectories of body mass index and diabetes risk: A 5‐year longitudinal study of Chinese adults. Journal of Diabetes Investigation, 2020, 11, 466-474.	1.1	10
57	The association of nighttime sleep duration and daytime napping duration with hypertension in Chinese rural areas: a population-based study. Journal of Human Hypertension, 2021, 35, 896-902.	1.0	10
58	LC–ESI–MS Determination of Flupentixol in Human Plasma. Chromatographia, 2009, 69, 301-305.	0.7	9
59	The expression level of myocardial β1-adrenergic receptor affects metoprolol antihypertensive effects: A novel mechanism for interindividual difference. Medical Hypotheses, 2013, 81, 71-72.	0.8	9
60	Association between sleep condition and arterial stiffness in Chinese adult with nonalcoholic fatty liver disease. Journal of Thrombosis and Thrombolysis, 2016, 42, 127-134.	1.0	9
61	Downregulation of the β1 adrenergic receptor in the myocardium results in insensitivity to metoprolol and reduces blood pressure in spontaneously hypertensive rats. Molecular Medicine Reports, 2017, 15, 703-711.	1.1	9
62	Distinct uric acid trajectories are associated with incident diabetes in an overweight Chinese population. Diabetes and Metabolism, 2021, 47, 101175.	1.4	9
63	Exome Sequencing of a Pedigree Reveals S339L Mutation in the TLN2 Gene as a Cause of Fifth Finger Camptodactyly. PLoS ONE, 2016, 11, e0155180.	1.1	9
64	A Predictive Model for Assessing Surgery-Related Acute Kidney Injury Risk in Hypertensive Patients: A Retrospective Cohort Study. PLoS ONE, 2016, 11, e0165280.	1.1	9
65	Survey on sodium and potassium intake in patients with hypertension in China. Journal of Clinical Hypertension, 2021, 23, 1957-1964.	1.0	8
66	Correlations between brachial endothelial function and cardiovascular risk factors: a survey of 2,511 Chinese subjects. Journal of Thoracic Disease, 2014, 6, 1441-51.	0.6	8
67	Influence of CYP3A5 polymorphism on tacrolimus blood concentrations in renal transplant patients. Central South University, 2005, 12, 310-312.	0.5	7
68	Construction and verification of CYP3A5 gene polymorphisms using a Saccharomyces cerevisiae expression system to predict drug metabolism. Molecular Medicine Reports, 2017, 15, 1593-1600.	1.1	7
69	Relationship of Age With the Hemodynamic Parameters in Individuals With Elevated Blood Pressure. Journal of the American Geriatrics Society, 2020, 68, 1520-1528.	1.3	7
70	Single-cell transcriptomics uncovers phenotypic alterations in the monocytes in a Chinese population with chronic cadmium exposure. Ecotoxicology and Environmental Safety, 2021, 211, 111881.	2.9	7
71	Association of blood pressure in the first-week of hospitalization and long-term mortality in patients with acute left ventricular myocardial infarction. International Journal of Cardiology, 2022, 349, 18-26.	0.8	7
72	Resistin, an adipokine, may affect the improvement of insulin sensitivity in the metabolic syndrome patient treated with metformin. Medical Hypotheses, 2013, 81, 969-971.	0.8	6

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73	Association between Radiation Exposure and Endothelium-Dependent Vasodilation: Results from Clinical and Experimental Studies. Journal of Vascular and Interventional Radiology, 2020, 31, 42-48.	0.2	6
74	Role of miR-511 in the Regulation of OATP1B1 Expression by Free Fatty Acid. Biomolecules and Therapeutics, 2015, 23, 400-406.	1.1	6
75	A Case-Crossover Study between Fine Particulate Matter Elemental Composition and Emergency Admission with Cardiovascular Disease. Acta Cardiologica Sinica, 2017, 33, 66-73.	0.1	6
76	Overexpression of CYP3A5 attenuates inducibility and activity of CYP3A4 in HepG2 cells. Molecular Medicine Reports, 2015, 11, 2868-2874.	1.1	5
77	HIV Protease Inhibitors in Pulmonary Hypertension: Rationale and Design of a Pilot Trial in Idiopathic Pulmonary Arterial Hypertension. Pulmonary Circulation, 2015, 5, 538-546.	0.8	5
78	Gender-specific association between metabolic syndrome and decreased glomerular filtration rate in elderly population. International Urology and Nephrology, 2016, 48, 389-397.	0.6	5
79	Induction of apoptosis and proliferation inhibition of hepatocellular carcinoma by 6-chloro-2-methoxy-N-(phenylmethyl)-9-acridinamine (BA): in vitro and vivo studies. Cancer Cell International, 2017, 17, 66.	1.8	5
80	Rare purulent pericarditis caused by carbapenem-resistant Acinetobacter baumannii. Medicine (United) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.4	5
81	Developing Quality and Efficiency of Institutional Review Board Review Under a Human Research Protection Program at a Leading Hospital in Central Southern China: A Descriptive Analysis of the First Three Years. Journal of Empirical Research on Human Research Ethics, 2021, 16, 280-289.	0.6	5
82	Assessment of the Causal Effects of Obstructive Sleep Apnea on Atrial Fibrillation: A Mendelian Randomization Study. Frontiers in Cardiovascular Medicine, 2022, 9, 843681.	1.1	5
83	Weak signal detection method based on Duffing oscillator with adjustable frequency. Science China Information Sciences, 2015, 58, 1-9.	2.7	4
84	Effect of a hospital outreach intervention programme on decreasing hospitalisations and medical costs in patients with chronic obstructive pulmonary disease in China: protocol of a randomised controlled trial. BMJ Open, 2016, 6, e009988.	0.8	4
85	Applying a â€œBig Dataâ€•Literature System to Recommend Antihypertensive Drugs for Hypertension Patients with Diabetes Mellitus. Medical Science Monitor, 2018, 24, 114-148.	0.5	4
86	CFTR plays an important role in the regulation of vascular resistance and high-fructose/salt-diet induced hypertension in mice. Journal of Cystic Fibrosis, 2021, 20, 516-524.	0.3	4
87	Effects of mechanical circulatory support devices in patients with acute myocardial infarction undergoing stent implantation: a systematic review and meta-analysis of randomised controlled trials. BMJ Open, 2021, 11, e044072.	0.8	4
88	Gender-specific associations between apolipoprotein A1 and arterial stiffness in patients with nonalcoholic fatty liver disease. PeerJ, 2020, 8, e9757.	0.9	4
89	New MSPQC Method for Rapid Identification and Quantification ofPseudomonas aeruginosa. Analytical Letters, 2009, 42, 58-67.	1.0	3
90	Cytochrome P450 2D6*10 genotype affects the pharmacokinetics of dimemorfan in healthy Chinese subjects. European Journal of Drug Metabolism and Pharmacokinetics, 2015, 40, 427-433.	0.6	3

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91	Chinese expert consensus on the management of hypertension in the very elderly. Journal of Geriatric Cardiology, 2016, 13, 945-953.	0.2	2
92	MEF2A gene and susceptibility to coronary artery disease in the Chinese people. Journal of Central South University (Medical Sciences), 2006, 31, 453-7.	0.1	2
93	Development and validation of a novel risk score to predict 5-year mortality in patients with acute myocardial infarction in China: a retrospective study. PeerJ, 2022, 9, e12652.	0.9	1
94	Progress in the study on innate immunity and non-alcohol fatty liver disease. Journal of Central South University (Medical Sciences), 2020, 45, 1464-1468.	0.1	1
95	Effects of polymorphism of β1-receptor and CYP2D6 on therapeutic effects of metoprolol. Cell Biology International, 2008, 32, S20-S20.	1.4	0
96	AMBIENT FINE PARTICLE METAL COMPONENTS AND EMERGENCY HOSPITAL VISITS FOR HYPERTENSION IN CHANGSHA, CHINA: A TIME-STRATIFIED CASE-CROSSOVER STUDY. Heart, 2012, 98, E143.1-E143.	1.2	0
97	GW24-e2346â€¦PM2.5affect RAS Gene Expression in Human Vascular Endothelial Cell. Heart, 2013, 99, A285.1-A285.	1.2	0
98	ASSA13-03-29â€¦Optimization of Transfection Conditions For Transfecting pAAV-IRES-hrGFP Plasmid to H9C2 Cell Mediated by Lipofectamine 2000. Heart, 2013, 99, A23.1-A23.	1.2	0
99	GW24-e2132â€¦Association between PM10 and emergency hospital visits for stroke in Changsha a case-crossover study. Heart, 2013, 99, A253.1-A253.	1.2	0
100	GW24-e2196â€¦Air pollution and emergency hospital visits for stroke in Changsha. Heart, 2013, 99, A253.2-A253.	1.2	0
101	Serum thymidine kinase 1 is a reliable maker for the assessment of the risk of developing malignancy: A case report. Oncology Letters, 2015, 10, 1669-1673.	0.8	0
102	Effect of Early Pharmacologic Cardioversion vs. Non-early Cardioversion in the Patients With Recent-Onset Atrial Fibrillation Within 4-Week Follow-Up Period: A Systematic Review and Network Meta-Analysis. Frontiers in Cardiovascular Medicine, 2022, 9, 843939.	1.1	0
103	Transforming growth factor-β1 regulates the telomerase reverse transcriptase in rat hepatic stellate cells. Journal of Central South University (Medical Sciences), 2014, 39, 442-51.	0.1	0