

# Xiao-Dong Zhuang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/721966/publications.pdf>

Version: 2024-02-01

103  
papers

1,265  
citations

516710

16  
h-index

434195

31  
g-index

130  
all docs

130  
docs citations

130  
times ranked

2058  
citing authors

#	ARTICLE	IF	CITATIONS
1	The relationship between job satisfaction, work stress, work-family conflict, and turnover intention among physicians in Guangdong, China: a cross-sectional study. <i>BMJ Open</i> , 2017, 7, e014894.	1.9	146
2	Klotho protects the heart from hyperglycemia-induced injury by inactivating ROS and NF- $\kappa$ B-mediated inflammation both in vitro and in vivo. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 238-251.	3.8	124
3	Job satisfaction and associated factors among healthcare staff: a cross-sectional study in Guangdong Province, China. <i>BMJ Open</i> , 2016, 6, e011388.	1.9	96
4	Exogenous Hydrogen Sulfide Attenuates High Glucose-Induced Cardiotoxicity by Inhibiting NLRP3 Inflammasome Activation by Suppressing TLR4/NF- $\kappa$ B Pathway in H9c2 Cells. <i>Cellular Physiology and Biochemistry</i> , 2016, 40, 1578-1590.	1.6	87
5	CYY4137, a novel hydrogen sulfide-releasing molecule, likely protects against high glucose-induced cytotoxicity by activation of the AMPK/mTOR signal pathway in H9c2 cells. <i>Molecular and Cellular Biochemistry</i> , 2014, 389, 249-256.	3.1	58
6	Development and Validation of a Novel Diagnostic Nomogram to Differentiate Between Intestinal Tuberculosis and Crohn's Disease: A 6-year Prospective Multicenter Study. <i>American Journal of Gastroenterology</i> , 2019, 114, 490-499.	0.4	49
7	PDE5 inhibitor sildenafil in the treatment of heart failure: A meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2014, 172, 581-587.	1.7	40
8	Environment-wide association study to identify novel factors associated with peripheral arterial disease: Evidence from the National Health and Nutrition Examination Survey (1999-2004). <i>Atherosclerosis</i> , 2018, 269, 172-177.	0.8	33
9	Comparative cardiovascular outcomes in the era of novel anti-diabetic agents: a comprehensive network meta-analysis of 166,371 participants from 170 randomized controlled trials. <i>Cardiovascular Diabetology</i> , 2018, 17, 79.	6.8	33
10	Serum albumin and atrial fibrillation: insights from epidemiological and mendelian randomization studies. <i>European Journal of Epidemiology</i> , 2020, 35, 113-122.	5.7	33
11	Higenamine Combined with [6]-Gingerol Suppresses Doxorubicin-Triggered Oxidative Stress and Apoptosis in Cardiomyocytes via Upregulation of PI3K/Akt Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-14.	1.2	28
12	Triglyceride-glucose index in the development of heart failure and left ventricular dysfunction: analysis of the ARIC study. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 1531-1541.	1.8	27
13	Low-Carbohydrate Diets and Risk of Incident Atrial Fibrillation: A Prospective Cohort Study. <i>Journal of the American Heart Association</i> , 2019, 8, e011955.	3.7	26
14	Serum Klotho, vitamin D, and homocysteine in combination predict the outcomes of Chinese patients with multiple system atrophy. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 657-666.	3.9	24
15	Calcitriol prevents peripheral RSC96 Schwann neural cells from high glucose & methylglyoxal-induced injury through restoration of CBS/H <sub>2</sub> S expression. <i>Neurochemistry International</i> , 2016, 92, 49-57.	3.8	23
16	Exogenous hydrogen sulfide alleviates high glucose-induced cardiotoxicity via inhibition of leptin signaling in H9c2 cells. <i>Molecular and Cellular Biochemistry</i> , 2014, 391, 147-155.	3.1	16
17	Exogenous hydrogen sulfide protects against high glucose-induced inflammation and cytotoxicity in H9c2 cardiac cells. <i>Molecular Medicine Reports</i> , 2016, 14, 4911-4917.	2.4	16
18	Klotho attenuated Doxorubicin-induced cardiomyopathy by alleviating Dynamin-related protein 1 - mediated mitochondrial dysfunction. <i>Mechanisms of Ageing and Development</i> , 2021, 195, 111442.	4.6	16

#	ARTICLE	IF	CITATIONS
19	Time in Target Range for Systolic Blood Pressure and Cardiovascular Outcomes in Patients With Heart Failure With Preserved Ejection Fraction. <i>Journal of the American Heart Association</i> , 2022, 11, e022765.	3.7	16
20	Comparative outcomes of heart failure among existent classes of anti-diabetic agents: a network meta-analysis of 171,253 participants from 91 randomized controlled trials. <i>Cardiovascular Diabetology</i> , 2019, 18, 47.	6.8	15
21	Exploring the causal pathway from omega-6 levels to coronary heart disease: A network Mendelian randomization study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 233-240.	2.6	15
22	Serum magnesium and the prevalence of peripheral artery disease: The Atherosclerosis Risk in Communities (ARIC) study. <i>Atherosclerosis</i> , 2019, 282, 196-201.	0.8	14
23	Polysaccharide from Fuzi protects against Oxâ€˜LDLâ€™induced calcification of human vascular smooth muscle cells by increasing autophagic activity. <i>Molecular Medicine Reports</i> , 2018, 17, 5109-5115.	2.4	13
24	Toward a panoramic perspective of the association between environmental factors and cardiovascular disease: An environment-wide association study from National Health and Nutrition Examination Survey 1999â€“2014. <i>Environment International</i> , 2018, 118, 146-153.	10.0	13
25	A Nomogram to Predict Contrast Induced Nephropathy in Patients Undergoing Percutaneous Coronary Intervention. <i>International Heart Journal</i> , 2017, 58, 191-196.	1.0	11
26	NLRP3 inflammasome activation contributes to the pathogenesis of cardiocytes aging. <i>Aging</i> , 2021, 13, 20534-20551.	3.1	11
27	Association of Inflammation and Endothelial Dysfunction with Coronary Microvascular Resistance in Patients with Cardiac Syndrome X. <i>Arquivos Brasileiros De Cardiologia</i> , 2017, 109, 397-403.	0.8	11
28	Assessment of Visitâ€“toâ€“Visit Blood Pressure Variability in Adults With Optimal Blood Pressure: A New Player in the Evaluation of Residual Cardiovascular Risk?. <i>Journal of the American Heart Association</i> , 2022, 11, e022716.	3.7	11
29	Effectiveness of blood pressureâ€“lowering treatment by the levels of baseline Framingham risk score: A post hoc analysis of the Systolic Blood Pressure Intervention Trial (SPRINT). <i>Journal of Clinical Hypertension</i> , 2019, 21, 1813-1820.	2.0	10
30	Causal assessment of sleep on coronary heart disease. <i>Sleep Medicine</i> , 2020, 67, 232-236.	1.6	10
31	Hypertension and Atrial Fibrillation: A Study on Epidemiology and Mendelian Randomization Causality. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 644405.	2.4	10
32	Loss of m6A Methyltransferase METTL5 Promotes Cardiac Hypertrophy Through Epitranscriptomic Control of SUZ12 Expression. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 852775.	2.4	10
33	Changes in cell autophagy and apoptosis during age-related left ventricular remodeling in mice and their potential mechanisms. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 822-826.	2.1	9
34	Exploring the causal pathway from body mass index to coronary heart disease: a network Mendelian randomization study. <i>Therapeutic Advances in Chronic Disease</i> , 2020, 11, 204062232090904.	2.5	9
35	Immunosuppressive Effect of Ticagrelor on Dendritic Cell Function: A New Therapeutic Target of Antiplatelet Agents in Cardiovascular Disease. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 1665-1673.	1.1	8
36	Lipid management for coronary heart disease patients: an appraisal of updated international guidelines applying Appraisal of Guidelines for Research and Evaluation IIâ€“clinical practice guideline appraisal for lipid management in coronary heart disease. <i>Journal of Thoracic Disease</i> , 2019, 11, 3534-3546.	1.4	8

#	ARTICLE	IF	CITATIONS
37	Phenomapping of subgroups in hypertensive patients using unsupervised data-driven cluster analysis: An exploratory study of the SPRINT trial. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1693-1706.	1.8	8
38	Intensive blood pressure treatment in coronary artery disease: implications from the Systolic Blood Pressure Intervention Trial (SPRINT). <i>Journal of Human Hypertension</i> , 2022, 36, 86-94.	2.2	8
39	Critical appraisal of international guidelines on chronic heart failure: Can China AGREE?. <i>International Journal of Cardiology</i> , 2016, 203, 111-114.	1.7	7
40	Antiplatelet strategy in primary and secondary prevention of cardiovascular disease in patients with type 2 diabetes mellitus: A perspective from the guideline appraisal. <i>Journal of Diabetes Investigation</i> , 2021, 12, 99-108.	2.4	7
41	Pulse Pressure, Cognition, and White Matter Lesions: A Mediation Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 654522.	2.4	7
42	Klotho deficiency causes cardiac ageing by impairing autophagic and activating apoptotic activity. <i>European Journal of Pharmacology</i> , 2021, 911, 174559.	3.5	7
43	Efficacy and Safety of Edoxaban in Nonvalvular Atrial Fibrillation: A Meta-analysis of Randomized Controlled Trials. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 2710-2719.	1.6	6
44	Visit-to-Visit Fasting Glucose Variability in Young Adulthood and Hippocampal Integrity and Volume at Midlife. <i>Diabetes Care</i> , 2019, 42, 2334-2337.	8.6	6
45	Association of Post-operative Systolic Blood Pressure Variability With Mortality After Coronary Artery Bypass Grafting. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 717073.	2.4	6
46	Deep Phenotyping and Prediction of Long-term Cardiovascular Disease: Optimized by Machine Learning. <i>Canadian Journal of Cardiology</i> , 2022, 38, 774-782.	1.7	6
47	Continuous angiotensin-(1-7) infusion improves myocardial calcium transient and calcium transient alternans in ischemia-induced cardiac dysfunction rats. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 645-650.	2.1	5
48	Design, synthesis, and antihypertensive activity of curcumin-inspired compounds via ACE inhibition and vasodilation, along with a bioavailability study for possible benefit in cardiovascular diseases. <i>Drug Design, Development and Therapy</i> , 2016, 10, 129.	4.3	5
49	Education and heart failure: New insights from the atherosclerosis risk in communities study and mendelian randomization study. <i>International Journal of Cardiology</i> , 2021, 324, 115-121.	1.7	5
50	Long-Term Visit-to-Visit Mean Arterial Pressure Variability and the Risk of Heart Failure and All-Cause Mortality. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 665117.	2.4	5
51	Association of Cyr61-cysteine-rich protein 61 and short-term mortality in patients with acute heart failure and coronary heart disease. <i>Biomarkers in Medicine</i> , 2019, 13, 1589-1597.	1.4	5
52	Long-term Outcomes After On-Pump vs Off-Pump Coronary Artery Bypass Grafting for Ischemic Cardiomyopathy. <i>Annals of Thoracic Surgery</i> , 2023, 115, 1421-1428.	1.3	5
53	A proposed Oxford classification-based clinicopathological nomogram for predicting short-term renal outcomes in IgA nephropathy after acute kidney injury. <i>European Journal of Internal Medicine</i> , 2018, 52, 60-66.	2.2	4
54	Critical appraisal of guidelines for coronary artery disease on dual antiplatelet therapy: More consensus than controversies. <i>Clinical Cardiology</i> , 2019, 42, 1170-1180.	1.8	4

#	ARTICLE	IF	CITATIONS
55	“Light in and Sound Out” Review of Photoacoustic Imaging in Cardiovascular Medicine. IEEE Access, 2019, 7, 38890-38901.	4.2	4
56	Face Analysis for Coronary Heart Disease Diagnosis. , 2019, , .		4
57	Influence of baseline systolic blood pressure on the relationship between intensive blood pressure control and cardiovascular outcomes in the Systolic Blood Pressure Intervention Trial (SPRINT). Clinical Research in Cardiology, 2019, 108, 273-281.	3.3	4
58	Long-term tracking of fasting blood glucose variability and peripheral artery disease in people without diabetes. BMJ Open Diabetes Research and Care, 2020, 8, e000896.	2.8	4
59	Short-chain fatty acids combined with intronic DNA methylation of HIF3A: Potential predictors for diabetic cardiomyopathy. Clinical Nutrition, 2021, 40, 3708-3717.	5.0	4
60	Urban index and lifestyle risk factors for cardiovascular diseases in China: A cross-sectional study. Science Progress, 2021, 104, 003685042110037.	1.9	4
61	An appraisal of clinical practice guidelines for the appropriate use of echocardiography for adult infective endocarditis—the timing and mode of assessment (TTE or TEE). BMC Infectious Diseases, 2021, 21, 92.	2.9	4
62	Docosahexanoic acid modifies low-density lipoprotein receptor abundance in HepG2 cells via suppression of the LXRI±Idol pathway. Molecular Medicine Reports, 2015, 11, 2329-2333.	2.4	3
63	Vessel heterogeneity of TIMI frame count and its relation to P-wave dispersion in patients with coronary slow flow. Journal of Thoracic Disease, 2016, 8, 476-481.	1.4	3
64	Serum Albumin and Incident Heart Failure. Circulation Genomic and Precision Medicine, 2020, 13, e002989.	3.6	3
65	Opposite effect of ablation on early/late-phase thromboembolic incidence in patients with atrial fibrillation: A meta-analysis on more than 100,000 individuals. Clinical Cardiology, 2020, 43, 594-605.	1.8	3
66	Causal effect of education on type 2 diabetes: A network Mendelian randomization study. World Journal of Diabetes, 2021, 12, 261-277.	3.5	3
67	Risk Stratification and Efficacy of Spironolactone in Patients with Heart Failure with Preserved Ejection Fraction: Secondary Analysis of the TOPCAT Randomized Clinical Trial. Cardiovascular Drugs and Therapy, 2021, , 1.	2.6	3
68	Behavioral Factors Mediating the Impact of Educational Attainment on Incident Heart Failure—A Mediation Analysis. Circulation Journal, 2021, 85, 1545-1552.	1.6	3
69	Association between calf girth and peripheral artery disease in the Atherosclerosis Risk in Communities Study. Journal of Cardiology, 2020, 76, 273-279.	1.9	3
70	Critical Appraisal of Guidelines for Antithrombotic Therapy in Atrial Fibrillation Post-Percutaneous Coronary Intervention. Global Heart, 2022, 17, 14.	2.3	3
71	Rationale and design of RETAIN study: Rosuvastatin Effect on Telomere—telomerase system in Acute coronary syndrome patients undergoing percutaneous coronary Intervention. International Journal of Cardiology, 2015, 184, 388-390.	1.7	2
72	Efficacy of isolated left ventricular and biventricular pacing is differentially associated with baseline QRS duration in chronic heart failure: a meta-analysis of randomized controlled trials. Heart Failure Reviews, 2015, 20, 81-88.	3.9	2

#	ARTICLE	IF	CITATIONS
73	Association of Mid- to Late-Life Blood Pressure Patterns With Risk of Subsequent Coronary Heart Disease and Death. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 632514.	2.4	2
74	Development of a new risk nomogram of perioperative major adverse cardiac events for Chinese patients undergoing colorectal carcinoma surgery. <i>International Journal of Colorectal Disease</i> , 2017, 32, 1157-1164.	2.2	1
75	Can catheter ablation reduce the incidence of thromboembolic events in patients with atrial fibrillation?. <i>Medicine (United States)</i> , 2017, 96, e8479.	1.0	1
76	GW29-e0476 Deep Phenotyping the Cardiovascular Disease in National Health and Nutrition Examination Survey 1999-2014: Presenting the Full Picture. <i>Journal of the American College of Cardiology</i> , 2018, 72, C207.	2.8	1
77	A systematic review of guidelines for dual antiplatelet therapy in coronary artery bypass graft. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13405.	3.4	1
78	Six-Year Change in QT Interval Duration and Risk of Incident Heart Failure—A Secondary Analysis of the Atherosclerosis Risk in Communities Study. <i>Circulation Journal</i> , 2021, 85, 640-646.	1.6	1
79	Intensity of Glycemic Exposure in Early Adulthood and Target Organ Damage in Middle Age: The CARDIA Study. <i>Frontiers in Physiology</i> , 2021, 12, 614532.	2.8	1
80	Visit-to-Visit Fasting Glucose Variability in Young Adulthood and Cardiac Structure and Function at Midlife: The CARDIA Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 687054.	2.4	1
81	Impact of RAAS Blockers on Contrast-Induced Nephropathy in Patients With Renal Insufficiency: A Meta-Analysis. <i>Journal of Cardiovascular Pharmacology</i> , 2020, 76, 692-697.	1.9	1
82	Efficacy and safety of low-dose clopidogrel after 12-month dual antiplatelet therapy for patients having drug-eluting stent implantation. <i>Journal of Thoracic Disease</i> , 2014, 6, 459-65.	1.4	1
83	GW28-e0507 Klotho protects the heart from hyperglycemia-induced injury by inactivating ROS and NF- $\kappa$ B-mediated inflammation both in vitro and in vivo. <i>Journal of the American College of Cardiology</i> , 2017, 70, C14.	2.8	0
84	GW28-e1096 Comparison of two anticoagulation strategies for pregnant women with mechanical valves. <i>Journal of the American College of Cardiology</i> , 2017, 70, C154.	2.8	0
85	GW28-e0638 Systematic Correlation of Environmental Exposure with Lower Extremity Peripheral Artery Disease: An Environment-Wide Association Study. <i>Journal of the American College of Cardiology</i> , 2017, 70, C180.	2.8	0
86	GW29-e0901 Blockage of ROS and NF- $\kappa$ B-mediated inflammation by Klotho protects the heart from FFA-induced injuries. <i>Journal of the American College of Cardiology</i> , 2018, 72, C30.	2.8	0
87	GW29-e0463 Urbanization and Lifestyle Risk Factors for Cardiometabolic Diseases: China Health and Nutrition Survey (CHNS). <i>Journal of the American College of Cardiology</i> , 2018, 72, C212.	2.8	0
88	GW29-e0471 Quality Assessment of the Guidelines on Lipid Management in Patients with Coronary Heart Disease. <i>Journal of the American College of Cardiology</i> , 2018, 72, C225.	2.8	0
89	A1177 Effect of Intensive versus Standard Blood Pressure Treatment According to Baseline Systolic Blood Pressure. <i>Journal of Hypertension</i> , 2018, 36, e115-e116.	0.5	0
90	A17325 Risk Assessment Tool in Cardiovascular Disease. <i>Journal of Hypertension</i> , 2018, 36, e116.	0.5	0

#	ARTICLE	IF	CITATIONS
91	Letter by Zhang et al Regarding Article, "Twenty Year Trends and Sex Differences in Young Adults Hospitalized With Acute Myocardial Infarction: The ARIC Community Surveillance Study" Circulation, 2019, 140, e329-e330.	1.6	0
92	Are We Ready for Race-Specific Risk Prediction Models?. Journal of the American College of Cardiology, 2019, 73, 1233.	2.8	0
93	BEHAVIORAL FACTORS AS MEDIATORS OF THE IMPACT OF EDUCATIONAL ATTAINMENT ON INCIDENT HEART FAILURE: A MEDIATION ANALYSIS. Journal of the American College of Cardiology, 2020, 75, 942.	2.8	0
94	Appraisal of Guidelines for the Management of Blood Pressure in Patients with Diabetes Mellitus: The Consensuses, Controversies and Gaps. Diabetes and Metabolism Journal, 2021, 45, 753-764.	4.7	0
95	Exploring the Causal Pathway From Body Mass Index to Coronary Heart Disease: A Network Mendelian Randomization Study. SSRN Electronic Journal, 0, , .	0.4	0
96	Abstract 005: Intensity of Hypertensive Exposure in Young Adulthood and Subclinical Atherosclerosis in Middle Age. Hypertension, 2019, 74, .	2.7	0
97	Global Risk Factors of Contrast-Induced Acute Kidney Injury: Systematic Review and Meta-Analysis. SSRN Electronic Journal, 0, , .	0.4	0
98	Behavioral Factors Mediated the Impact of Educational Attainment on Incident Heart Failure: A Mediation Analysis. SSRN Electronic Journal, 0, , .	0.4	0
99	Letter by Lai et al Regarding Article, "Cardiovascular Risk Factor Trajectories Since Childhood and Cognitive Performance in Midlife: The Cardiovascular Risk in Young Finns Study" Circulation, 2021, 144, e307.	1.6	0
100	Abstract P044: Intensity Of Hypertensive Exposure In Young Adulthood And Myocardial Structure And Function In Middle Age. Hypertension, 2020, 76, .	2.7	0
101	Abstract 15671: Adipocyte-derived Exosomal Lncrna Nbr2 Promotes Diabetic Myocardial Fibrosis Through Regulating the Ikba/nf-kb Pathway. Circulation, 2020, 142, .	1.6	0
102	Intensity of Hypertensive Exposure in Young Adulthood and Subclinical Atherosclerosis in Middle Age: The CARDIA Study. SSRN Electronic Journal, 0, , .	0.4	0
103	Association between serum cystatin C level and hemodynamically significant aortic stenosis: a prospective cohort study.. Journal of Geriatric Cardiology, 2021, 18, 986-995.	0.2	0