

# Xiang Wei

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

2,179  
citations

304743

22  
h-index

265206

42  
g-index

93  
all docs

93  
docs citations

93  
times ranked

3663  
citing authors

#	ARTICLE	IF	CITATIONS
1	In-Hospital Use of Statins Is Associated with a Reduced Risk of Mortality among Individuals with COVID-19. <i>Cell Metabolism</i> , 2020, 32, 176-187.e4.	16.2	400
2	IRF8 suppresses pathological cardiac remodelling by inhibiting calcineurin signalling. <i>Nature Communications</i> , 2014, 5, 3303.	12.8	124
3	Metformin Is Associated with Higher Incidence of Acidosis, but Not Mortality, in Individuals with COVID-19 and Pre-existing Type 2 Diabetes. <i>Cell Metabolism</i> , 2020, 32, 537-547.e3.	16.2	116
4	Posttranslational Modifications in Ferroptosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	4.0	94
5	Role of PM2.5 in the development and progression of COPD and its mechanisms. <i>Respiratory Research</i> , 2019, 20, 120.	3.6	93
6	The Neutrophil-to-Lymphocyte Ratio Determines Clinical Efficacy of Corticosteroid Therapy in Patients with COVID-19. <i>Cell Metabolism</i> , 2021, 33, 258-269.e3.	16.2	87
7	Interferon Regulatory Factor 1 Is Required for Cardiac Remodeling in Response to Pressure Overload. <i>Hypertension</i> , 2014, 64, 77-86.	2.7	75
8	Suppressor of IKK $\epsilon$ is an essential negative regulator of pathological cardiac hypertrophy. <i>Nature Communications</i> , 2016, 7, 11432.	12.8	60
9	EZH2 inhibits autophagic cell death of aortic vascular smooth muscle cells to affect aortic dissection. <i>Cell Death and Disease</i> , 2018, 9, 180.	6.3	60
10	Comparative Impacts of ACE (Angiotensin-Converting Enzyme) Inhibitors Versus Angiotensin II Receptor Blockers on the Risk of COVID-19 Mortality. <i>Hypertension</i> , 2020, 76, e15-e17.	2.7	54
11	BRD4770 functions as a novel ferroptosis inhibitor to protect against aortic dissection. <i>Pharmacological Research</i> , 2022, 177, 106122.	7.1	48
12	Circular RNA circEysyt2 regulates vascular smooth muscle cell remodeling via splicing regulation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	44
13	Histone methylation and vascular biology. <i>Clinical Epigenetics</i> , 2020, 12, 30.	4.1	43
14	Melatonin protects circulatory death heart from ischemia/reperfusion injury via the JAK2/STAT3 signalling pathway. <i>Life Sciences</i> , 2019, 228, 35-46.	4.3	41
15	Spliced X-box Binding Protein 1 Stimulates Adaptive Growth Through Activation of mTOR. <i>Circulation</i> , 2019, 140, 566-579.	1.6	40
16	Impact of metformin on the risk and treatment outcomes of tuberculosis in diabetics: a systematic review. <i>BMC Infectious Diseases</i> , 2019, 19, 859.	2.9	37
17	Bevacizumab treatment for newly diagnosed glioblastoma: Systematic review and meta-analysis of clinical trials. <i>Molecular and Clinical Oncology</i> , 2016, 4, 833-838.	1.0	35
18	Fluoroquinolone Use and the Risk of Collagen-Associated Adverse Events: A Systematic Review and Meta-Analysis. <i>Drug Safety</i> , 2019, 42, 1025-1033.	3.2	35

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19	Metformin prescription and aortic aneurysm: systematic review and meta-analysis. <i>Heart</i> , 2019, 105, 1351-1357.	2.9	33
20	The Histone Methyltransferase Mixed Lineage Leukemia (MLL) 3 May Play a Potential Role in Clinical Dilated Cardiomyopathy. <i>Molecular Medicine</i> , 2017, 23, 196-203.	4.4	32
21	EHMT2/G9a Inhibits Aortic Smooth Muscle Cell Death by Suppressing Autophagy Activation. <i>International Journal of Biological Sciences</i> , 2020, 16, 1252-1263.	6.4	26
22	Aberrant Epicardial Adipose Tissue Extracellular Matrix Remodeling in Patients with Severe Ischemic Cardiomyopathy: Insight from Comparative Quantitative Proteomics. <i>Scientific Reports</i> , 2017, 7, 43787.	3.3	25
23	Exacerbating Pressure Overload-Induced Cardiac Hypertrophy. <i>Hypertension</i> , 2015, 66, 571-581.	2.7	24
24	Hypoxia-Induced Mitogenic Factor Acts as a Nonclassical Ligand of Calcium-Sensing Receptor, Therapeutically Exploitable for Intermittent Hypoxia-Induced Pulmonary Hypertension. <i>Hypertension</i> , 2017, 69, 844-854.	2.7	24
25	Hepatic IRF2BP2 Mitigates Nonalcoholic Fatty Liver Disease by Directly Repressing the Transcription of ATF3. <i>Hepatology</i> , 2020, 71, 1592-1608.	7.3	23
26	Acute Type I aortic dissection: a propensity-matched comparison of elephant trunk and arch debranching repairs. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 26, 183-189.	1.1	22
27	HDAC6 is associated with the formation of aortic dissection in human. <i>Molecular Medicine</i> , 2019, 25, 10.	4.4	20
28	Development and validation of a risk score using complete blood count to predict in-hospital mortality in COVID-19 patients. <i>Med</i> , 2021, 2, 435-447.e4.	4.4	20
29	Targeting regulated cell death in aortic aneurysm and dissection therapy. <i>Pharmacological Research</i> , 2022, 176, 106048.	7.1	20
30	Protein methylation functions as the posttranslational modification switch to regulate autophagy. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3711-3722.	5.4	18
31	The elevated admission white blood cell count relates to adverse surgical outcome of acute Stanford type a aortic dissection. <i>Journal of Cardiothoracic Surgery</i> , 2020, 15, 48.	1.1	18
32	Left Ventricular Bronchogenic Cyst. <i>Annals of Thoracic Surgery</i> , 2006, 81, e13-e15.	1.3	17
33	Cardiac-Specific EPI64C Blunts Pressure Overload-Induced Cardiac Hypertrophy. <i>Hypertension</i> , 2016, 67, 866-877.	2.7	16
34	Control of Pathological Cardiac Hypertrophy by Transcriptional Corepressor IRF2BP2 (Interferon) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 1	2.7	16
35	Disturbed energy and amino acid metabolism with their diagnostic potential in mitral valve disease revealed by untargeted plasma metabolic profiling. <i>Metabolomics</i> , 2019, 15, 57.	3.0	15
36	Moderate Hypothermic Circulatory Arrest with Antegrade Cerebral Perfusion for Rapid Total Arch Replacement in Acute Type A Aortic Dissection. <i>Thoracic and Cardiovascular Surgeon</i> , 2016, 64, 124-132.	1.0	14

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37	Chronobiological patterns of acute aortic dissection in central China. <i>Heart</i> , 2021, 107, 320-325.	2.9	14
38	Type A Aortic Dissection During COVID-19 Pandemic: Report From Tertiary Aortic Centers in the United States and China. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, 33, 303-312.	0.6	14
39	Extracorporeal Membrane Oxygenation Therapy for Critically Ill Coronavirus Disease 2019 Patients in Wuhan, China: A Retrospective Multicenter Cohort Study. <i>Current Medical Science</i> , 2021, 41, 1-13.	1.8	14
40	Focal Organizing Pneumonia Mimicking Lung Cancer: A Surgeon's View. <i>American Surgeon</i> , 2012, 78, 133-137.	0.8	13
41	Trop2 Guarantees Cardioprotective Effects of Cortical Bone-Derived Stem Cells on Myocardial Ischemia/Reperfusion Injury. <i>Cell Transplantation</i> , 2018, 27, 1256-1268.	2.5	13
42	Salmonella enterica Serovar Typhimurium Interacts with CD209 Receptors To Promote Host Dissemination and Infection. <i>Infection and Immunity</i> , 2019, 87, .	2.2	13
43	Association of Daily Mean Temperature and Temperature Variability With Onset Risks of Acute Aortic Dissection. <i>Journal of the American Heart Association</i> , 2021, 10, e020190.	3.7	13
44	Downregulation of Filamin a Expression in the Aorta Is Correlated With Aortic Dissection. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 690846.	2.4	13
45	Experimental and models for the study of human aortic dissection: promises and challenges. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 5125-5140.	0.0	13
46	Genetic inhibition of nuclear factor of activated T-cell c2 prevents atrial fibrillation in CREM transgenic mice. <i>Cardiovascular Research</i> , 2022, 118, 2805-2818.	3.8	12
47	The potential role of lysosome-associated membrane protein 3 (LAMP3) on cardiac remodelling. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 37-48.	0.0	12
48	A risk score based on baseline risk factors for predicting mortality in COVID-19 patients. <i>Current Medical Research and Opinion</i> , 2021, 37, 917-927.	1.9	11
49	Upregulation of IRF9 Contributes to Pulmonary Artery Smooth Muscle Cell Proliferation During Pulmonary Arterial Hypertension. <i>Frontiers in Pharmacology</i> , 2021, 12, 773235.	3.5	11
50	Molecular mechanism underlying anti-inflammatory activities of liriioresinol B dimethyl ether through suppression of NF- $\kappa$ B and MAPK signaling in in vitro and in vivo models. <i>International Immunopharmacology</i> , 2019, 73, 321-332.	3.8	10
51	Prevalence of Intracranial Aneurysm in Patients with Aortopathy: A Systematic Review with Meta-Analyses. <i>Journal of Stroke</i> , 2020, 22, 76-86.	3.2	10
52	Mitochondrial tRNA <sup>Ala</sup> C5601T mutation may modulate the clinical expression of tRNA <sup>Met</sup> A4435G mutation in a Han Chinese family with hypertension. <i>Clinical and Experimental Hypertension</i> , 2018, 40, 595-600.	1.3	9
53	Proteus mirabilis Targets Atherosclerosis Plaques in Human Coronary Arteries via DC-SIGN (CD209). <i>Frontiers in Immunology</i> , 2020, 11, 579010.	4.8	9
54	RNA Modification by m6A Methylation in Cardiovascular Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	4.0	8

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55	Metabolic characterization of hypertrophic cardiomyopathy in human heart. , 2022, 1, 445-461.		8
56	Macrophages play an essential role in the long effects of low-dose photodynamic therapy on vessel permeability. International Journal of Biochemistry and Cell Biology, 2016, 71, 55-61.	2.8	7
57	Next-generation sequencing identifies novel mutations in the FBN1 gene for two Chinese families with Marfan syndrome. Molecular Medicine Reports, 2016, 14, 151-158.	2.4	6
58	Aortic root aortopathy in bicuspid aortic valve associated with high genetic risk. BMC Cardiovascular Disorders, 2021, 21, 413.	1.7	6
59	Incidence of postoperative pulmonary complications in patients undergoing minimally invasive versus median sternotomy valve surgery: propensity score matching. Journal of Cardiothoracic Surgery, 2021, 16, 287.	1.1	6
60	Leucine-rich repeat neuronal protein 4 (LRRN4) potentially functions in dilated cardiomyopathy. International Journal of Clinical and Experimental Pathology, 2017, 10, 9925-9933.	0.5	6
61	Integrating Bulk Transcriptome and Single-Cell RNA Sequencing Data Reveals the Landscape of the Immune Microenvironment in Thoracic Aortic Aneurysms. Frontiers in Cardiovascular Medicine, 2022, 9, 846421.	2.4	6
62	Risk of aortic aneurysm in patients with psoriasis: A systematic review and meta-analysis of cohort studies. Clinical Cardiology, 2020, 43, 1266-1272.	1.8	5
63	Outcomes of intramural hematoma involving the ascending aorta and extending into the descending thoracic aorta. Journal of Vascular Surgery, 2022, 75, 56-64.e2.	1.1	5
64	Early Mortality in Patients who Received Extensive Surgical Management for Acute Type A Aortic Dissection – Analysis of 452 Consecutive Cases from a Single-center Experience. Brazilian Journal of Cardiovascular Surgery, 2020, 35, 521-529.	0.6	5
65	Nitric Oxide Inhalation Therapy Attenuates Postoperative Hypoxemia in Obese Patients with Acute Type A Aortic Dissection. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-6.	1.3	5
66	Comprehensive analysis identified a reduction in ATP1A2 mediated by ARID3A in abdominal aortic aneurysm. Journal of Cellular and Molecular Medicine, 2022, 26, 2866-2880.	3.6	4
67	Primary malignant melanoma of the esophagus. Chinese-German Journal of Clinical Oncology, 2008, 7, 121-123.	0.1	3
68	The diagnostic value of combined D-dimer with other indicators in suspected acute aortic dissection patients. International Journal of Cardiology, 2018, 268, 215.	1.7	3
69	Management of acute aortic dissection during the COVID-19 pandemic: Experience from an epicenter in Wuhan, China. Journal of Vascular Surgery, 2020, 72, 754-755.	1.1	3
70	Comparative Evaluation of the Incidence of Postoperative Pulmonary Complications After Minimally Invasive Valve Surgery vs. Full Sternotomy: A Systematic Review and Meta-Analysis of Randomized Controlled Trials and Propensity Score-Matched Studies. Frontiers in Cardiovascular Medicine, 2021, 8, 724178.	2.4	3
71	Prognosis and Risk Factors of Stroke After Thoracic Endovascular Aortic Repair for Stanford Type B Aortic Dissection. Frontiers in Cardiovascular Medicine, 2021, 8, 787038.	2.4	3
72	Left ventricular systolic strain of the cardiac allograft evaluated with three-dimensional speckle tracking echocardiography. Journal of Huazhong University of Science and Technology [Medical Sciences], 2013, 33, 765-769.	1.0	2

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73	Transapical septal myectomy in the beating heart via a minimally invasive approach: a feasibility study in swine. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 30, 303-311.	1.1	2
74	Back-Table Modified Stent-Graft for Endovascular Repair of Ascending Aorta. <i>Journal of Endovascular Therapy</i> , 2021, 28, 888-896.	1.5	2
75	The effects of wild-type p53 gene transfection on the growth and chemotherapeutic sensitivity of human glioma cells. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2002, 22, 44-46.	1.0	1
76	Pulmonary inflammatory pseudotumor caused by <i>Cryptococcus</i> presenting multiple nodules in bilateral lungs. <i>Chinese-German Journal of Clinical Oncology</i> , 2006, 5, 460-462.	0.1	1
77	Primary lung clear cell carcinoma: one case report. <i>Chinese-German Journal of Clinical Oncology</i> , 2009, 8, 240-241.	0.1	1
78	Pericardial Diverticulum in the Upper Mediastinum. <i>Annals of Thoracic Surgery</i> , 2009, 87, e30.	1.3	1
79	A Modified Wrapping-internal Shunt Method for Hemostasis in Bentall Procedure. <i>Medicinski Arhiv = Medical Archives = Archives De MÃ©decine</i> , 2016, 70, 321.	0.9	1
80	The promising therapeutic agents for heart diseases: Histone Methyltransferase inhibitors. <i>International Journal of Cardiology</i> , 2017, 239, 6.	1.7	1
81	Commentary: Repairing the rheumatic mitral valve—“Know the enemy and know yourself!”. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, , .	0.8	1
82	Update on surgical repair in functional mitral regurgitation. <i>Journal of Cardiac Surgery</i> , 2021, , .	0.7	1
83	Effect of wild-type p53 gene transfection on the growth and radiotherapeutic sensitivity of human glioma cells. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2005, 25, 448-450.	1.0	0
84	Esophageal tuberculosis misdiagnosed as esophageal carcinoma. <i>Chinese-German Journal of Clinical Oncology</i> , 2008, 7, 140-141.	0.1	0
85	Aresion of TLR9 in human pulmonary adenocarcinoma cell line A549. <i>Chinese-German Journal of Clinical Oncology</i> , 2009, 8, 393-396.	0.1	0
86	Acute type B aortic dissection risk predictors: Thoracic aorta anatomic variables. <i>International Journal of Cardiology</i> , 2017, 239, 37.	1.7	0
87	A novel pathway: chest wall percutaneous closure for an aortic pseudoaneurysm. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 1306-1308.	1.4	0
88	Prevalence of intracranial aneurysm in patients with aortic aneurysm. <i>Journal of Vascular Surgery</i> , 2020, 71, 1073-1074.	1.1	0
89	Cardiovascular Epidemiological Research in China: A Wake-up Call No One Can Afford to Ignore. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 17, 100308.	2.9	0
90	A new surgical approach for patient with Stanford type A acute aortic dissection and pectus excavatum. <i>Asian Journal of Surgery</i> , 2022, , .	0.4	0