

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 | Outcomes of intramural hematoma involving the ascending aorta and extending into the descending thoracic aorta. <i>Journal of Vascular Surgery</i> , 2022, 75, 56-64.e2. | 1.1 | 5 |
| 2 | 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 |
| 3 | Targeting regulated cell death in aortic aneurysm and dissection therapy. <i>Pharmacological Research</i> , 2022, 176, 106048. | 7.1 | 20 |
| 4 | BRD4770 functions as a novel ferroptosis inhibitor to protect against aortic dissection. <i>Pharmacological Research</i> , 2022, 177, 106122. | 7.1 | 48 |
| 5 | Nitric Oxide Inhalation Therapy Attenuates Postoperative Hypoxemia in Obese Patients with Acute Type A Aortic Dissection. <i>Computational and Mathematical Methods in Medicine</i> , 2022, 2022, 1-6. | 1.3 | 5 |
| 6 | Integrating Bulk Transcriptome and Single-Cell RNA Sequencing Data Reveals the Landscape of the Immune Microenvironment in Thoracic Aortic Aneurysms. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 846421. | 2.4 | 6 |
| 7 | 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 |
| 8 | Comprehensive analysis identified a reduction in ATP1A2 mediated by ARID3A in abdominal aortic aneurysm. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 2866-2880. | 3.6 | 4 |
| 9 | Metabolic characterization of hypertrophic cardiomyopathy in human heart. , 2022, 1, 445-461. | | 8 |
| 10 | Chronobiological patterns of acute aortic dissection in central China. <i>Heart</i> , 2021, 107, 320-325. | 2.9 | 14 |
| 11 | 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 |
| 12 | 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 |
| 13 | RNA Modification by m6A Methylation in Cardiovascular Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13. | 4.0 | 8 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | Back-Table Modified Stent-Graft for Endovascular Repair of Ascending Aorta. <i>Journal of Endovascular Therapy</i> , 2021, 28, 888-896. | 1.5 | 2 |
| 18 | Update on surgical repair in functional mitral regurgitation. <i>Journal of Cardiac Surgery</i> , 2021, , . | 0.7 | 1 |

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|----|---|------|-----------|
| 19 | 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 |
| 20 | Aortic root aortopathy in bicuspid aortic valve associated with high genetic risk. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 413. | 1.7 | 6 |
| 21 | 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. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 724178. | 2.4 | 3 |
| 22 | 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 |
| 23 | Incidence of postoperative pulmonary complications in patients undergoing minimally invasive versus median sternotomy valve surgery: propensity score matching. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 287. | 1.1 | 6 |
| 24 | 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 |
| 25 | 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 |
| 26 | Prognosis and Risk Factors of Stroke After Thoracic Endovascular Aortic Repair for Stanford Type B Aortic Dissection. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 787038. | 2.4 | 3 |
| 27 | Circular RNA circEysyt2 regulates vascular smooth muscle cell remodeling via splicing regulation. <i>Journal of Clinical Investigation</i> , 2021, 131, . | 8.2 | 44 |
| 28 | Hepatic IRF2BP2 Mitigates Nonalcoholic Fatty Liver Disease by Directly Repressing the Transcription of ATF3. <i>Hepatology</i> , 2020, 71, 1592-1608. | 7.3 | 23 |
| 29 | 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 |
| 30 | Risk of aortic aneurysm in patients with psoriasis: A systematic review and meta-analysis of cohort studies. <i>Clinical Cardiology</i> , 2020, 43, 1266-1272. | 1.8 | 5 |
| 31 | 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 |
| 32 | Commentary: Repairing the rheumatic mitral valve—Know the enemy and know yourself!. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, , . | 0.8 | 1 |
| 33 | Posttranslational Modifications in Ferroptosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12. | 4.0 | 94 |
| 34 | Management of acute aortic dissection during the COVID-19 pandemic: Experience from an epicenter in Wuhan, China. <i>Journal of Vascular Surgery</i> , 2020, 72, 754-755. | 1.1 | 3 |
| 35 | 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 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | Prevalence of intracranial aneurysm in patients with aortic aneurysm. <i>Journal of Vascular Surgery</i> , 2020, 71, 1073-1074. | 1.1 | 0 |
| 40 | Histone methylation and vascular biology. <i>Clinical Epigenetics</i> , 2020, 12, 30. | 4.1 | 43 |
| 41 | Proteus mirabilis Targets Atherosclerosis Plaques in Human Coronary Arteries via DC-SIGN (CD209). <i>Frontiers in Immunology</i> , 2020, 11, 579010. | 4.8 | 9 |
| 42 | 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 |
| 43 | 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. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2020, 35, 521-529. | 0.6 | 5 |
| 44 | 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 |
| 45 | 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 |
| 46 | Molecular mechanism underlying anti-inflammatory activities of liriioresinol B dimethyl ether through suppression of NF- κ B and MAPK signaling in in vitro and in vivo models. <i>International Immunopharmacology</i> , 2019, 73, 321-332. | 3.8 | 10 |
| 47 | 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 |
| 48 | Spliced X-box Binding Protein 1 Stimulates Adaptive Growth Through Activation of mTOR. <i>Circulation</i> , 2019, 140, 566-579. | 1.6 | 40 |
| 49 | Role of PM2.5 in the development and progression of COPD and its mechanisms. <i>Respiratory Research</i> , 2019, 20, 120. | 3.6 | 93 |
| 50 | 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 |
| 51 | Salmonella enterica Serovar Typhimurium Interacts with CD209 Receptors To Promote Host Dissemination and Infection. <i>Infection and Immunity</i> , 2019, 87, . | 2.2 | 13 |
| 52 | 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 |
| 53 | HDAC6 is associated with the formation of aortic dissection in human. <i>Molecular Medicine</i> , 2019, 25, 10. | 4.4 | 20 |
| 54 | Metformin prescription and aortic aneurysm: systematic review and meta-analysis. <i>Heart</i> , 2019, 105, 1351-1357. | 2.9 | 33 |

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|----|---|------|-----------|
| 55 | 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 |
| 56 | 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 |
| 57 | 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 |
| 58 | Mitochondrial tRNA ^{Ala} C5601T mutation may modulate the clinical expression of tRNA ^{Met} A4435G mutation in a Han Chinese family with hypertension. <i>Clinical and Experimental Hypertension</i> , 2018, 40, 595-600. | 1.3 | 9 |
| 59 | The diagnostic value of combined D-dimer with other indicators in suspected acute aortic dissection patients. <i>International Journal of Cardiology</i> , 2018, 268, 215. | 1.7 | 3 |
| 60 | 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 |
| 61 | 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 |
| 62 | The promising therapeutic agents for heart diseases: Histone Methyltransferase inhibitors. <i>International Journal of Cardiology</i> , 2017, 239, 6. | 1.7 | 1 |
| 63 | Acute type B aortic dissection risk predictors: Thoracic aorta anatomic variables. <i>International Journal of Cardiology</i> , 2017, 239, 37. | 1.7 | 0 |
| 64 | 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 |
| 65 | Control of Pathological Cardiac Hypertrophy by Transcriptional Corepressor IRF2BP2 (Interferon) Tj ETQq1 1 0.784314 rgBT /Overlock 16 | 2.7 | 16 |
| 66 | 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 |
| 67 | Leucine-rich repeat neuronal protein 4 (LRRN4) potentially functions in dilated cardiomyopathy. <i>International Journal of Clinical and Experimental Pathology</i> , 2017, 10, 9925-9933. | 0.5 | 6 |
| 68 | 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 |
| 69 | Cardiac-Specific EPI64C Blunts Pressure Overload-Induced Cardiac Hypertrophy. <i>Hypertension</i> , 2016, 67, 866-877. | 2.7 | 16 |
| 70 | 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 |
| 71 | Suppressor of IKK ϵ is an essential negative regulator of pathological cardiac hypertrophy. <i>Nature Communications</i> , 2016, 7, 11432. | 12.8 | 60 |
| 72 | Next-generation sequencing identifies novel mutations in the FBN1 gene for two Chinese families with Marfan syndrome. <i>Molecular Medicine Reports</i> , 2016, 14, 151-158. | 2.4 | 6 |

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|----|---|------|-----------|
| 73 | Macrophages play an essential role in the long effects of low-dose photodynamic therapy on vessel permeability. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 71, 55-61. | 2.8 | 7 |
| 74 | 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 |
| 75 | 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 |
| 76 | 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 |
| 77 | Exacerbating Pressure Overloadâ€“Induced Cardiac Hypertrophy. <i>Hypertension</i> , 2015, 66, 571-581. | 2.7 | 24 |
| 78 | IRF8 suppresses pathological cardiac remodelling by inhibiting calcineurin signalling. <i>Nature Communications</i> , 2014, 5, 3303. | 12.8 | 124 |
| 79 | Interferon Regulatory Factor 1 Is Required for Cardiac Remodeling in Response to Pressure Overload. <i>Hypertension</i> , 2014, 64, 77-86. | 2.7 | 75 |
| 80 | Left ventricular systolic strain of the cardiac allograft evaluated with three-dimensional speckle tracking echocardiography. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2013, 33, 765-769. | 1.0 | 2 |
| 81 | Focal Organizing Pneumonia Mimicking Lung Cancer: A Surgeon's View. <i>American Surgeon</i> , 2012, 78, 133-137. | 0.8 | 13 |
| 82 | Primary lung clear cell carcinoma: one case report. <i>Chinese-German Journal of Clinical Oncology</i> , 2009, 8, 240-241. | 0.1 | 1 |
| 83 | 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 |
| 84 | Pericardial Diverticulum in the Upper Mediastinum. <i>Annals of Thoracic Surgery</i> , 2009, 87, e30. | 1.3 | 1 |
| 85 | Primary malignant melanoma of the esophagus. <i>Chinese-German Journal of Clinical Oncology</i> , 2008, 7, 121-123. | 0.1 | 3 |
| 86 | Esophageal tuberculosis misdiagnosed as esophageal carcinoma. <i>Chinese-German Journal of Clinical Oncology</i> , 2008, 7, 140-141. | 0.1 | 0 |
| 87 | Left Ventricular Bronchogenic Cyst. <i>Annals of Thoracic Surgery</i> , 2006, 81, e13-e15. | 1.3 | 17 |
| 88 | 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 |
| 89 | 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 |
| 90 | 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 |