# Wenbin Zhang

List of Publications by Year
in descending order

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|---|---|---|---|
| 47 papers | 578 citations | 1039406 9 h-index | 676716 22 g-index |
| 59 all docs | 59 docs citations | 59 times ranked | 1000 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Harnessing copper-palladium alloy tetrapod nanoparticle-induced pro-survival autophagy for optimized photothermal therapy of drug-resistant cancer. Nature Communications, 2018, 9, 4236. | 5.8 | 139 |
| 2 | In Vivo Calcium Detection by Comparing Optical Coherence Tomography, Intravascular Ultrasound, and Angiography. JACC: Cardiovascular Imaging, 2017, 10, 869-879. | 2.3 | 129 |
| 3 | microRNA-181a represses ox-LDL-stimulated inflammatory response in dendritic cell by targeting c-Fos. Journal of Lipid Research, 2012, 53, 2355-2363. | 2.0 | 85 |
| 4 | Systemic Immune-Inflammation Index Predicts Contrast-Induced Acute Kidney Injury in Patients Undergoing Coronary Angiography: A Cross-Sectional Study. Frontiers in Medicine, 2022, 9, 841601. | 1.2 | 19 |
| 5 | Theaflavin 3,3â€²â€digallate reverses the downregulation of connexin 43 and autophagy induced by high glucose via AMPK activation in cardiomyocytes. Journal of Cellular Physiology, 2019, 234, 17999-18016. | 2.0 | 18 |
| 6 | Aliskirenâ€attenuated myocardium apoptosis <i>via</i> regulation of autophagy and connexinâ€43 in aged spontaneously hypertensive rats. Journal of Cellular and Molecular Medicine, 2014, 18, 1247-1256. | 1.6 | 15 |
| 7 | Rosuvastatinâ€attenuated heart failure in aged spontaneously hypertensive rats <i>via</i><scp>PKC</scp>Î±/Î²2 signal pathway. Journal of Cellular and Molecular Medicine, 2012, 16, 3052-3061. | 1.6 | 13 |
| 8 | iPLA2Î² Contributes to ER Stress-Induced Apoptosis during Myocardial Ischemia/Reperfusion Injury. Cells, 2021, 10, 1446. | 1.8 | 13 |
| 9 | Variability in blood lipids affects the neutrophil to lymphocyte ratio in patients undergoing elective percutaneous coronary intervention: a retrospective study. Lipids in Health and Disease, 2020, 19, 124. | 1.2 | 12 |
| 10 | Association of a miR-34b binding site single nucleotide polymorphism in the 3'-untranslated region of the methylenetetrahydrofolate reductase gene with susceptibility to male infertility. Genetics and Molecular Research, 2015, 14, 12196-12204. | 0.3 | 11 |
| 11 | Association of the classification and severityÂof heart failure with the incidenceÂof contrast-induced acute kidney injury. Scientific Reports, 2021, 11, 15348. | 1.6 | 10 |
| 12 | The impact of homocysteine on the risk of coronary artery diseases in individuals with diabetes: a Mendelian randomization study. Acta Diabetologica, 2021, 58, 301-307. | 1.2 | 9 |
| 13 | A machine learning-based approach for the prediction of periprocedural myocardial infarction by using routine data. Cardiovascular Diagnosis and Therapy, 2020, 10, 1313-1324. | 0.7 | 7 |
| 14 | Dendritic cell-mediated chronic low-grade inflammation is regulated by the RAGE-TLR4-PKCβ1 signaling pathway in diabetic atherosclerosis. Molecular Medicine, 2022, 28, 4. | 1.9 | 7 |
| 15 | The Roles of Î³Î´ T Cells in Hematopoietic Stem Cell Transplantation. Cell Transplantation, 2020, 29, 096368972096698. | 1.2 | 6 |
| 16 | Effect of statins on post-contrast acute kidney injury: a multicenter retrospective observational study. Lipids in Health and Disease, 2021, 20, 63. | 1.2 | 6 |
| 17 | An Online Pre-procedural Nomogram for the Prediction of Contrast-Associated Acute Kidney Injury in Patients Undergoing Coronary Angiography. Frontiers in Medicine, 2022, 9, 839856. | 1.2 | 6 |
| 18 | The Impact of Rosuvastatin on the Density Score of Coronary Artery Calcification in Coronary Artery Disease Patients with Type 2 Diabetes Mellitus: Rationale and Design of RosCal Study. Clinical Drug Investigation, 2016, 36, 1023-1029. | 1.1 | 5 |

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|---|---------|-----|-----------|
| 19 | Effects of trimetazidine on ventricular remodeling in coronary artery disease patients with left ventricular hypertrophy: the rationale and design of a randomized controlled trial. BMC Cardiovascular Disorders, 2020, 20, 273. | 0.7 | 5 |
| 20 | Identification of Underlying Hub Genes Associated with Hypertrophic Cardiomyopathy by Integrated Bioinformatics Analysis. Pharmacogenomics and Personalized Medicine, 2021, Volume 14, 823-837. | 0.4 | 5 |
| 21 | Microglia-Specific Expression of HEXA and HEXB Leads to Poor Prognosis in Glioblastoma Patients. Frontiers in Oncology, 2021, 11, 685893. | 1.3 | 5 |
| 22 | Impact of increased inflammation biomarkers on periprocedural myocardial infarction in patients undergoing elective percutaneous coronary intervention: a cohort study. Journal of Thoracic Disease, 2020, 12, 5398-5410. | 0.6 | 5 |
| 23 | Metoprolol and bisoprolol ameliorate hypertrophy of neonatal rat cardiomyocytes induced by high glucose via the PKC/NFâ€Î°B/câ€fos signaling pathway. Experimental and Therapeutic Medicine, 2020, 19, 871-882. | 0.8 | 5 |
| 24 | The Relation Between Optical Coherence Tomography-Detected Layered Pattern and Acute Side Branch Occlusion after Provisional Stenting of Coronary Bifurcation Lesions. Cardiovascular Revascularization Medicine, 2019, 20, 1007-1013. | 0.3 | 4 |
| 25 | Advanced glycation end products facilitate proliferation and reduce early apoptosis of cardiac microvascular endothelial cell via PKCÎ² signaling pathway: insight from diabetic cardiomyopathy. Anatolian Journal of Cardiology, 2019, 23, 141-150. | 0.5 | 4 |
| 26 | câ€Jun Nâ€terminal Kinase mediates prostaglandinâ€induced sympathoexcitation in rats with chronic heart failure by reducing <scp>GAD</scp>1 and <scp>GABRA</scp>1 expression. Acta Physiologica, 2017, 219, 494-509. | 1.8 | 3 |
| 27 | Genetically predicted serum uric acid levels and the risk of coronary artery disease in patients with diabetes: A Mendelian randomization study. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 1832-1839. | 1.1 | 3 |
| 28 | Different genes may be involved in distal and local sensitization: A genomeâ€wide geneâ€based association study and metaâ€analysis. European Journal of Pain, 2022, 26, 740-753. | 1.4 | 3 |
| 29 | Role of methylenetetrahydrofolate reductase 677Câ†'T polymorphism in the development of myocardial infarction: evidence from an original study and updated meta-analysis. Genes and Genomics, 2016, 38, 809-817. | 0.5 | 2 |
| 30 | Comparison of MESA of and Framingham risk scores in the prediction of coronary artery disease severity. Herz, 2020, 45, 139-144. | 0.4 | 2 |
| 31 | Safety and Efficacy of Perioperative Use of Evolocumab in Myocardial Infarction Patients: Study Protocol for a Multicentre Randomized Controlled Trial. Advances in Therapy, 2021, 38, 1801-1810. | 1.3 | 2 |
| 32 | Appraising the Causal Association of Plasma Homocysteine Levels With Atrial Fibrillation Risk: A Two-Sample Mendelian Randomization Study. Frontiers in Genetics, 2021, 12, 619536. | 1.1 | 2 |
| 33 | Genetic Determinants of Increased Body Mass Index Partially Mediate the Effect of Elevated Birth Weight on the Increased Risk of Atrial Fibrillation. Frontiers in Cardiovascular Medicine, 2021, 8, 701549. | 1.1 | 2 |
| 34 | Effects of Metoprolol on Periprocedural Myocardial Infarction After Percutaneous Coronary Intervention (Type 4a MI): An Inverse Probability of Treatment Weighting Analysis. Frontiers in Cardiovascular Medicine, 2021, 8, 746988. | 1.1 | 2 |
| 35 | Admission electrolyte and osmotic pressure levels are associated with the incidence of contrast-associated acute kidney injury. Scientific Reports, 2022, 12, 4714. | 1.6 | 2 |
| 36 | Primary prevention of myocardial infarction: aspirin is not as useful as it seems. Annals of Translational Medicine, 2020, 8, 361-361. | 0.7 | 1 |

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|---|---------|----|-----------|
| 37 | Insulin-Attenuated Inflammatory Response of Dendritic Cells in Diabetes by Regulating RAGE-PKC$\beta$1-IRS1-NF-$\kappa$B Signal Pathway: A Study on the Anti-Inflammatory Mechanism of Insulin in Diabetes. Journal of Diabetes Research, 2020, 2020, 1-15. | 1.0 | 1 |
| 38 | Effects of salvianolate on microcirculatory disturbance in patients with stable coronary heart disease: study protocol for a randomized controlled trial. Trials, 2021, 22, 192. | 0.7 | 1 |
| 39 | The association between hyperuricemia and left atrial enlargement in healthy adults. Annals of Translational Medicine, 2021, 9, 1176-1176. | 0.7 | 1 |
| 40 | The impact of serum 25-hydroxyvitamin D, calcium, and parathyroid hormone levels on the risk of coronary artery disease in patients with diabetes: a Mendelian randomization study. Nutrition Journal, 2021, 20, 82. | 1.5 | 1 |
| 41 | Elevation of Hemoglobin A1c Increases the Atherosclerotic Plaque Vulnerability and the Visit-to-Visit Variability of Lipid Profiles in Patients Who Underwent Elective Percutaneous Coronary Intervention. Frontiers in Cardiovascular Medicine, 2022, 9, 803036. | 1.1 | 1 |
| 42 | Exploring the Causal Effects of Circulating ST2 and Galectin-3 on Heart Failure Risk: A Mendelian Randomization Study. Frontiers in Cardiovascular Medicine, 2022, 9, 868749. | 1.1 | 1 |
| 43 | The Association of Nutritional Risk Screening 2002 With 1-Year Re-hospitalization and the Length of Initial Hospital Stay in Patients With Heart Failure. Frontiers in Nutrition, 2022, 9, 849034. | 1.6 | 1 |
| 44 | Association of Hemoglobin Glycation Index With Contrast-Induced Acute Kidney Injury in Patients Undergoing Coronary Angiography: A Retrospective Study. Frontiers in Physiology, 2022, 13, . | 1.3 | 1 |
| 45 | The utility of the adjusted-OPTIMIZE-HF risk model for predicting in-hospital length of stay in the Chinese population. Annals of Palliative Medicine, 2021, 10, 1445-1455. | 0.5 | 0 |
| 46 | $\beta$-blocker use before elective percutaneous coronary intervention as a risk factor for periprocedural myocardial injury incidence in male patients below 75 years old: a single-center retrospective study. Annals of Palliative Medicine, 2021, 10, 41-41. | 0.5 | 0 |
| 47 | Development and Validation of a Risk Score in Chinese Patients With Chronic Heart Failure. Frontiers in Cardiovascular Medicine, 2022, 9, . | 1.1 | 0 |