

Guo-Wei He

List of Publications by Year in descending order

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246
papers

6,559
citations

57758

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95266

68
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251
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251
docs citations

251
times ranked

4801
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Mechanisms, Consequences, and Prevention of Coronary Graft Failure. <i>Circulation</i> , 2017, 136, 1749-1764. | 1.6 | 211 |
| 2 | Effects of Batrial Pacing in Prevention of Postoperative Atrial Fibrillation After Coronary Artery Bypass Surgery. <i>Circulation</i> , 2000, 102, 755-760. | 1.6 | 154 |
| 3 | Arterial grafts for coronary artery bypass grafting: biological characteristics, functional classification, and clinical choice. <i>Annals of Thoracic Surgery</i> , 1999, 67, 277-284. | 1.3 | 145 |
| 4 | Risk Factors for Development of Acute Renal Failure (ARF) Requiring Dialysis in Patients Undergoing Cardiac Surgery. <i>Angiology</i> , 1998, 49, 789-800. | 1.8 | 143 |
| 5 | Comparison among arterial grafts and coronary artery: An attempt at functional classification. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1995, 109, 707-715. | 0.8 | 132 |
| 6 | Radial artery has higher receptor-mediated contractility but similar endothelial function compared with mammary artery. <i>Annals of Thoracic Surgery</i> , 1997, 63, 1346-1352. | 1.3 | 132 |
| 7 | Pharmacology of coronary artery bypass grafts. <i>Annals of Thoracic Surgery</i> , 1999, 67, 878-888. | 1.3 | 132 |
| 8 | Reactivity of the Canine Isolated Internal Mammary Artery, Saphenous Vein, and Coronary Artery to Constrictor and Dilator Substances. <i>Journal of Cardiovascular Pharmacology</i> , 1988, 12, 12-22. | 1.9 | 127 |
| 9 | Direct measurement of nitric oxide release from saphenous vein: abolishment by surgical preparation. <i>Annals of Thoracic Surgery</i> , 2001, 71, 133-137. | 1.3 | 124 |
| 10 | Overview of the nature of vasoconstriction in arterial grafts for coronary operations. <i>Annals of Thoracic Surgery</i> , 1995, 59, 676-683. | 1.3 | 119 |
| 11 | Use of verapamil and nitroglycerin solution in preparation of radial artery for coronary grafting. <i>Annals of Thoracic Surgery</i> , 1996, 61, 610-614. | 1.3 | 117 |
| 12 | Comparison of Nitric Oxide Release and Endothelium-Derived Hyperpolarizing Factor-Mediated Hyperpolarization Between Human Radial and Internal Mammary Arteries. <i>Circulation</i> , 2001, 104, I-344-I-349. | 1.6 | 114 |
| 13 | KDR (VEGF Receptor 2) Is the Major Mediator for the Hypotensive Effect of VEGF. <i>Hypertension</i> , 2002, 39, 1095-1100. | 2.7 | 113 |
| 14 | Characteristics of adrenoceptors in the human radial artery: Clinical implications. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998, 115, 1136-1141. | 0.8 | 110 |
| 15 | Up to thirty-year survival after aortic valve replacement in the small aortic root. <i>Annals of Thoracic Surgery</i> , 1995, 59, 1056-1062. | 1.3 | 104 |
| 16 | Verapamil plus nitroglycerin solution maximally preserves endothelial function of the radial artery: Comparison with papaverine solution. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998, 115, 1321-1327. | 0.8 | 93 |
| 17 | Determinants of operative mortality in reoperative coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1995, 110, 971-978. | 0.8 | 90 |
| 18 | Repair of ruptured sinus of valsalva aneurysm: Determinants of long-term survival. <i>Annals of Thoracic Surgery</i> , 1998, 66, 1604-1610. | 1.3 | 84 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Endothelium-dependent hyperpolarization and relaxation resistance to NG-nitro-L-arginine and indomethacin in coronary circulation. <i>Cardiovascular Research</i> , 2000, 46, 547-556. | 3.8 | 84 |
| 20 | Pharmacological relaxation of the saphenous vein during harvesting for coronary artery bypass grafting. <i>Annals of Thoracic Surgery</i> , 1993, 55, 1210-1217. | 1.3 | 80 |
| 21 | Contractility of the human internal mammary artery at the distal section increases toward the end. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1993, 106, 406-411. | 0.8 | 78 |
| 22 | Hyperkalemia Exposure Impairs EDHF-Mediated Endothelial Function in the Human Coronary Artery. <i>Annals of Thoracic Surgery</i> , 1997, 63, 84-87. | 1.3 | 74 |
| 23 | Urocortin-induced endothelium-dependent relaxation of rat coronary artery: role of nitric oxide and K^{+} channels. <i>British Journal of Pharmacology</i> , 2002, 135, 1467-1476. | 5.4 | 71 |
| 24 | Cellular and molecular mechanisms of endothelial ischemia/reperfusion injury: perspectives and implications for postischemic myocardial protection. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 765-77. | 0.0 | 69 |
| 25 | Association Between Polymorphism of Methylenetetrahydrofolate Reductase (MTHFR) C677T and Risk of Myocardial Infarction: A Meta-analysis for 8,140 Cases and 10,522 Controls. <i>Archives of Medical Research</i> , 2011, 42, 677-685. | 3.3 | 67 |
| 26 | Spasm in Arterial Grafts in Coronary Artery Bypass Grafting Surgery. <i>Annals of Thoracic Surgery</i> , 2016, 101, 1222-1229. | 1.3 | 67 |
| 27 | Off-Pump Coronary Artery Bypass Grafting: 30 Years of Debate. <i>Journal of the American Heart Association</i> , 2018, 7, e009934. | 3.7 | 67 |
| 28 | Aortic valve replacement: Determinants of operative mortality. <i>Annals of Thoracic Surgery</i> , 1994, 57, 1140-1146. | 1.3 | 66 |
| 29 | Weak β_2 -adrenoceptor-mediated relaxation in the human internal mammary artery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1989, 97, 259-266. | 0.8 | 64 |
| 30 | ER stress mediates homocysteine-induced endothelial dysfunction: Modulation of IKCa and SKCa channels. <i>Atherosclerosis</i> , 2015, 242, 191-198. | 0.8 | 63 |
| 31 | Endothelial nitric oxide synthase enhancer reduces oxidative stress and restores endothelial function in db/db mice. <i>Cardiovascular Research</i> , 2011, 92, 267-275. | 3.8 | 58 |
| 32 | Comparative study on calcium channel antagonists in the human radial artery: Clinical implications. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000, 119, 94-100. | 0.8 | 57 |
| 33 | Vascular Endothelial Growth Factor-Induced Nitric Oxide- and PGI ₂ -Dependent Relaxation in Human Internal Mammary Arteries. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, 615-621. | 1.9 | 54 |
| 34 | Pharmacologic dilatation of the internal mammary artery during coronary bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1994, 107, 1440-1444. | 0.8 | 53 |
| 35 | Roles of cyclic AMP and Ca ²⁺ -activated K ⁺ channels in endothelium-independent relaxation by urocortin in the rat coronary artery. <i>Cardiovascular Research</i> , 2003, 57, 824-833. | 3.8 | 53 |
| 36 | Determinants of operative mortality in elderly patients undergoing coronary artery bypass grafting: Emphasis on the influence of internal mammary artery grafting on mortality and morbidity. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1994, 108, 73-81. | 0.8 | 52 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Predominant α_1 Adrenoceptor-Mediated Contraction in the Human Internal Mammary Artery. <i>Journal of Cardiovascular Pharmacology</i> , 1993, 21, 956. | 1.9 | 51 |
| 38 | Urocortin-induced relaxation in the human internal mammary artery. <i>Cardiovascular Research</i> , 2005, 65, 913-920. | 3.8 | 50 |
| 39 | Effect of Thromboxane A2 Antagonist GR32191B on Prostanoid and Nonprostanoid Receptors in the Human Internal Mammary Artery. <i>Journal of Cardiovascular Pharmacology</i> , 1995, 26, 13-19. | 1.9 | 49 |
| 40 | Levels of asymmetric dimethylarginine (ADMA), an endogenous nitric oxide synthase inhibitor, and risk of coronary artery disease: A meta-analysis based on 4713 participants. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 502-510. | 1.8 | 48 |
| 41 | Risk factors for operative mortality in elderly patients undergoing internal mammary artery grafting. <i>Annals of Thoracic Surgery</i> , 1994, 57, 1453-1461. | 1.3 | 46 |
| 42 | TRPC3 channel contributes to nitric oxide release: significance during normoxia and hypoxia-induced reoxygenation. <i>Cardiovascular Research</i> , 2011, 91, 472-482. | 3.8 | 45 |
| 43 | Arterial grafts for coronary surgery: Vasospasm and patency rate. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 121, 431-433. | 0.8 | 44 |
| 44 | Vascular endothelial growth factor-mediated, endothelium-dependent relaxation in human internal mammary artery. <i>Annals of Thoracic Surgery</i> , 2002, 73, 819-824. | 1.3 | 44 |
| 45 | Hyperkalemia alters endothelium-dependent relaxation through non-nitric oxide and noncyclooxygenase pathway: A mechanism for coronary dysfunction due to cardioplegia. <i>Annals of Thoracic Surgery</i> , 1996, 61, 1394-1399. | 1.3 | 40 |
| 46 | Morphometric Study of the Right Gastroepiploic and Inferior Epigastric Arteries. <i>Annals of Thoracic Surgery</i> , 1997, 63, 709-715. | 1.3 | 40 |
| 47 | AVE3085, an enhancer of endothelial nitric oxide synthase, restores endothelial function and reduces blood pressure in spontaneously hypertensive rats. <i>British Journal of Pharmacology</i> , 2011, 163, 1078-1085. | 5.4 | 40 |
| 48 | Strategies for repair of congenital heart defects in infants without the use of blood. <i>Annals of Thoracic Surgery</i> , 1995, 59, 384-388. | 1.3 | 39 |
| 49 | Use of intermediate/small conductance calcium-activated potassium-channel activator for endothelial protection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 141, 501-510.e1. | 0.8 | 39 |
| 50 | Association Between MTHFR Polymorphisms and Congenital Heart Disease: A Meta-analysis based on 9,329 cases and 15,076 controls. <i>Scientific Reports</i> , 2014, 4, 7311. | 3.3 | 39 |
| 51 | Imbalance of Homocysteine and H ₂ S: Significance, Mechanisms, and Therapeutic Promise in Vascular Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11. | 4.0 | 39 |
| 52 | Inhibition of Vasoconstriction by Phosphodiesterase III Inhibitor Milrinone in Human Conduit Arteries Used as Coronary Bypass Grafts. <i>Journal of Cardiovascular Pharmacology</i> , 1996, 28, 208-214. | 1.9 | 39 |
| 53 | Depolarizing cardiac arrest and endothelium-derived hyperpolarizing factor-mediated hyperpolarization and relaxation in coronary arteries: The effect and mechanism. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1997, 113, 932-941. | 0.8 | 37 |
| 54 | Functional comparison between the human inferior epigastric artery and internal mammary artery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1995, 109, 13-20. | 0.8 | 36 |

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|----|---|-----|-----------|
| 55 | Superiority of hyperpolarizing to depolarizing cardioplegia in protection of coronary endothelial function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1997, 114, 643-650. | 0.8 | 36 |
| 56 | Arterial grafts: clinical classification and pharmacological management. <i>Annals of Cardiothoracic Surgery</i> , 2013, 2, 507-18. | 1.7 | 35 |
| 57 | Greater contractility of internal mammary artery bifurcation: Possible cause of low patency rates. <i>Annals of Thoracic Surgery</i> , 1994, 58, 529-532. | 1.3 | 34 |
| 58 | Impaired Endothelium-Derived Hyperpolarizing Factor-Mediated Relaxation In Coronary Arteries By Cold Storage With University Of Wisconsin Solution. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998, 116, 122-130. | 0.8 | 34 |
| 59 | Exaggerated Hypotensive Effect of Vascular Endothelial Growth Factor in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2002, 39, 815-820. | 2.7 | 33 |
| 60 | Identification of Altered Plasma Proteins by Proteomic Study in Valvular Heart Diseases and the Potential Clinical Significance. <i>PLoS ONE</i> , 2013, 8, e72111. | 2.5 | 33 |
| 61 | Vasorelaxant effect of phosphodiesterase-inhibitor milrinone in the human radial artery used as coronary bypass graft. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000, 119, 1039-1045. | 0.8 | 32 |
| 62 | Histidine-tryptophan-ketoglutarate solution maximally preserves endothelium-derived hyperpolarizing factor-mediated function during heart preservation: comparison with University of Wisconsin solution. <i>Journal of Heart and Lung Transplantation</i> , 2004, 23, 352-359. | 0.6 | 32 |
| 63 | Depletion of intracellular Ca ²⁺ stores enhances flow-induced vascular dilatation in rat small mesenteric artery. <i>British Journal of Pharmacology</i> , 2006, 147, 506-515. | 5.4 | 32 |
| 64 | L-citrulline for protection of endothelial function from ADMA-induced injury in porcine coronary artery. <i>Scientific Reports</i> , 2015, 5, 10987. | 3.3 | 32 |
| 65 | Injection of vasodilators into arterial grafts through cardiac catheter to relieve spasm. <i>Annals of Thoracic Surgery</i> , 2000, 69, 625-628. | 1.3 | 30 |
| 66 | Interaction between vasodilators and vasopressin in internal mammary artery and clinical significance. <i>Annals of Thoracic Surgery</i> , 2002, 73, 516-522. | 1.3 | 30 |
| 67 | Protective effect of magnesium on the endothelial function mediated by endothelium-derived hyperpolarizing factor in coronary arteries during cardioplegic arrest in a porcine model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002, 124, 361-370. | 0.8 | 30 |
| 68 | Dysfunction of Pulmonary Vascular Endothelium in Chronic Obstructive Pulmonary Disease: Basic Considerations for Future Drug Development. <i>Current Drug Metabolism</i> , 2008, 9, 661-667. | 1.2 | 30 |
| 69 | Mitral valve replacement combined with coronary artery operation: Determinants of early and late results. <i>Annals of Thoracic Surgery</i> , 1991, 51, 916-923. | 1.3 | 29 |
| 70 | Aortic valve replacement in elderly patients: Influence of concomitant coronary grafting on late survival. <i>Annals of Thoracic Surgery</i> , 1996, 61, 1746-1751. | 1.3 | 29 |
| 71 | Vasorelaxation induced by vascular endothelial growth factor in the human internal mammary artery and radial artery. <i>Vascular Pharmacology</i> , 2007, 46, 253-259. | 2.1 | 29 |
| 72 | <i>PTPN22</i> Gene Polymorphism (C1858T) Is Associated with Susceptibility to Type 1 Diabetes: A Meta-Analysis of 19,495 Cases and 25,341 Controls. <i>Annals of Human Genetics</i> , 2013, 77, 191-203. | 0.8 | 29 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 73 | Acetylcholine- and Sodium Hydrosulfide-Induced Endothelium-Dependent Relaxation and Hyperpolarization in Cerebral Vessels of Global Cerebral Ischemia-Reperfusion Rat. <i>Journal of Pharmacological Sciences</i> , 2013, 121, 318-326. | 2.5 | 29 |
| 74 | Antispastic Management in Arterial Grafts in Coronary Artery Bypass Grafting Surgery. <i>Annals of Thoracic Surgery</i> , 2016, 102, 659-668. | 1.3 | 29 |
| 75 | Butter-enriched diets reduce arterial prostacyclin production in rats. <i>Lipids</i> , 1988, 23, 234-241. | 1.7 | 28 |
| 76 | Comparison of the vasorelaxant effect of nitroprusside and nitroglycerin in the human radial artery in vitro. <i>British Journal of Clinical Pharmacology</i> , 1999, 48, 99-104. | 2.4 | 27 |
| 77 | ATP-sensitive potassium channel openers may mimic the effects of hypoxic preconditioning on the coronary artery. <i>Annals of Thoracic Surgery</i> , 2001, 71, 642-647. | 1.3 | 27 |
| 78 | Mechanisms underlying the vasorelaxation of human internal mammary artery induced by (-)-epicatechin. <i>European Journal of Pharmacology</i> , 2015, 762, 306-312. | 3.5 | 27 |
| 79 | Effect of 11,12-epoxyeicosatrienoic acid as an additive to St. Thomas' cardioplegia and university of wisconsin solutions on endothelium-derived hyperpolarizing factor-mediated function in coronary microarteries: influence of temperature and time. <i>Annals of Thoracic Surgery</i> , 2003, 76, 1623-1630. | 1.3 | 26 |
| 80 | Expression and Function of Endothelial Nitric Oxide Synthase Messenger RNA and Protein Are Higher in Internal Mammary Than in Radial Arteries. <i>Annals of Thoracic Surgery</i> , 2011, 92, 845-850. | 1.3 | 26 |
| 81 | Plasma Proteomic Study in Pulmonary Arterial Hypertension Associated with Congenital Heart Diseases. <i>Scientific Reports</i> , 2016, 6, 36541. | 3.3 | 26 |
| 82 | Effect of Cardioplegic and Organ Preservation Solutions and Their Components on Coronary Endothelium-Derived Relaxing Factors. <i>Annals of Thoracic Surgery</i> , 2005, 80, 757-767. | 1.3 | 25 |
| 83 | Endothelial nitric oxide synthase enhancer for protection of endothelial function from asymmetric dimethylarginine-induced injury in human internal thoracic artery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 144, 697-703. | 0.8 | 25 |
| 84 | Zinc drives vasorelaxation by acting in sensory nerves, endothelium and smooth muscle. <i>Nature Communications</i> , 2021, 12, 3296. | 12.8 | 25 |
| 85 | Inhibition of vasoconstriction by potassium channel opener aprikalim in human conduit arteries used as bypass grafts. <i>British Journal of Clinical Pharmacology</i> , 1997, 44, 353-359. | 2.4 | 24 |
| 86 | Altered endothelium-derived hyperpolarizing factor-mediated endothelial function in coronary microarteries by St Thomas' hospital solution. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999, 118, 173-180. | 0.8 | 24 |
| 87 | Heart Valve Replacement Surgery: Past, Present And Future. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2002, 29, 735-738. | 1.9 | 24 |
| 88 | Greater vasopressin-induced vasoconstriction and inferior effects of nitrovasodilators and milrinone in the radial artery than in the internal thoracic artery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 129, 33-40. | 0.8 | 24 |
| 89 | Endothelial Function Related to Vascular Tone in Cardiac Surgery. <i>Heart Lung and Circulation</i> , 2005, 14, 13-18. | 0.4 | 24 |
| 90 | Sarcoplasmic reticulum Ca ²⁺ release channel ryanodine receptor (RyR2) plays a crucial role in aconitine-induced arrhythmias. <i>Biochemical Pharmacology</i> , 2008, 75, 2147-2156. | 4.4 | 24 |

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|-----|--|-----|-----------|
| 91 | Endothelium-dependent vasorelaxant effect of procyanidin B2 on human internal mammary artery. <i>European Journal of Pharmacology</i> , 2017, 807, 75-81. | 3.5 | 24 |
| 92 | Potential greater than additive vasorelaxant actions of milrinone and nitroglycerin on human conduit arteries. <i>British Journal of Clinical Pharmacology</i> , 1996, 41, 101-107. | 2.4 | 23 |
| 93 | A new antispastic solution for arterial grafting: Nicardipine and nitroglycerin cocktail in preparation of internal thoracic and radial arteries for coronary surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 136, 673-680.e2. | 0.8 | 23 |
| 94 | Identification of a novel and functional mutation in the TBX5 gene in a patient by screening from 354 patients with isolated ventricular septal defect. <i>European Journal of Medical Genetics</i> , 2017, 60, 385-390. | 1.3 | 23 |
| 95 | Tolerance of epicardial coronary endothelium and smooth muscle to hyperkalemia. <i>Annals of Thoracic Surgery</i> , 1994, 57, 682-688. | 1.3 | 22 |
| 96 | Potassium-channel opener in cardioplegia may restore coronary endothelial function. <i>Annals of Thoracic Surgery</i> , 1998, 66, 1318-1322. | 1.3 | 22 |
| 97 | Tetramethylpyrazine suppresses angiotensin II-induced soluble epoxide hydrolase expression in coronary endothelium via anti-ER stress mechanism. <i>Toxicology and Applied Pharmacology</i> , 2017, 336, 84-93. | 2.8 | 22 |
| 98 | Serum Uric Acid as an Independent Risk Factor for the Presence and Severity of Early-Onset Coronary Artery Disease: A Case-Control Study. <i>Disease Markers</i> , 2018, 2018, 1-8. | 1.3 | 22 |
| 99 | Different Role of Nitric Oxide and Endothelium-Derived Hyperpolarizing Factor in Endothelium-Dependent Hyperpolarization and Relaxation in Porcine Coronary Arterial and Venous System. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 43, 839-850. | 1.9 | 21 |
| 100 | Dual actions of cilnidipine in human internal thoracic artery: Inhibition of calcium channels and enhancement of endothelial nitric oxide synthase. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 141, 1063-1069. | 0.8 | 21 |
| 101 | Role of TRPC3 Channel in Human Internal Mammary Artery. <i>Archives of Medical Research</i> , 2012, 43, 431-437. | 3.3 | 21 |
| 102 | Proteomic Study Reveals Plasma Protein Changes in Congenital Heart Diseases. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1414-1419. | 1.3 | 21 |
| 103 | Bioassay of endothelium-derived hyperpolarizing factor with abolishment of nitric oxide and the role of gap junctions in the porcine coronary circulation. <i>Drug Development Research</i> , 2003, 58, 99-110. | 2.9 | 20 |
| 104 | Hypoxia-Reoxygenation, St. Thomas Cardioplegic Solution, and Nicorandil on Endothelium-derived Hyperpolarizing Factor in Coronary Microarteries. <i>Annals of Thoracic Surgery</i> , 2005, 80, 1803-1811. | 1.3 | 20 |
| 105 | New Strategy of Endothelial Protection in Cardiac Surgery: Use of Enhancer of Endothelial Nitric Oxide Synthase. <i>World Journal of Surgery</i> , 2010, 34, 1461-1469. | 1.6 | 20 |
| 106 | Increased serum concentrations of asymmetric dimethylarginine (ADMA) in patients with early-onset coronary artery disease. <i>Clinica Chimica Acta</i> , 2017, 464, 195-199. | 1.1 | 20 |
| 107 | Release of Nitric Oxide and Endothelium-Derived Hyperpolarizing Factor (EDHF) in Porcine Coronary Arteries Exposed to Hyperkalemia: Effect of Nicorandil. <i>Annals of Thoracic Surgery</i> , 2005, 79, 2065-2071. | 1.3 | 19 |
| 108 | Role of NO and EDHF-mediated endothelial function in the porcine pulmonary circulation: Comparison between pulmonary artery and vein. <i>Vascular Pharmacology</i> , 2006, 44, 183-191. | 2.1 | 19 |

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|-----|--|------|-----------|
| 109 | A new transmyocardial degradable stent combined with growth factor, heparin, and stem cells in acute myocardial infarction. <i>Cardiovascular Research</i> , 2009, 84, 461-469. | 3.8 | 19 |
| 110 | Endothelium-Dependent and-Independent Coronary Relaxation Induced by Urocortin. <i>Journal of Cardiac Surgery</i> , 2010, 17, 347-349. | 0.7 | 19 |
| 111 | Acute phase proteins altered in the plasma of patients with congenital ventricular septal defect. <i>Proteomics - Clinical Applications</i> , 2015, 9, 1087-1096. | 1.6 | 19 |
| 112 | Open radial artery harvesting better preserves endothelial function compared to the endoscopic approach. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 29, 561-567. | 1.1 | 19 |
| 113 | Surgical Preparation Abolishes Endothelium-Derived Hyperpolarizing Factor-Mediated Hyperpolarization in the Human Saphenous Vein. <i>Annals of Thoracic Surgery</i> , 1997, 63, 429-433. | 1.3 | 18 |
| 114 | The Significance of Endothelium-Derived Hyperpolarizing Factor in the Human Circulation. <i>Current Vascular Pharmacology</i> , 2007, 5, 85-92. | 1.7 | 18 |
| 115 | Suxiao JiuxinPill Induces Potent Relaxation and Inhibition on Contraction in Human Artery and the Mechanism. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-11. | 1.2 | 18 |
| 116 | Effect of Amlodipine in Human Internal Mammary Artery and Clinical Implications. <i>Annals of Thoracic Surgery</i> , 2010, 90, 1952-1957. | 1.3 | 17 |
| 117 | NO and EDHF pathways in pulmonary arteries and veins are impaired in COPD patients. <i>Vascular Pharmacology</i> , 2012, 57, 113-118. | 2.1 | 17 |
| 118 | Chloride Channels are Involved in the Development of Atrial Fibrillation – A Transcriptomic and proteomic Study. <i>Scientific Reports</i> , 2017, 7, 10215. | 3.3 | 17 |
| 119 | Protection of dilator function of coronary arteries from homocysteine by tetramethylpyrazine: Role of ER stress in modulation of BKCa channels. <i>Vascular Pharmacology</i> , 2019, 113, 27-37. | 2.1 | 17 |
| 120 | Genetic characterisation of 22q11.2 variations and prevalence in patients with congenital heart disease. <i>Archives of Disease in Childhood</i> , 2020, 105, 367-374. | 1.9 | 17 |
| 121 | Epoxyeicosatrienoic acids (EET11,12) may partially restore endothelium-derived hyperpolarizing factor-mediated function in coronary microarteries. <i>Annals of Thoracic Surgery</i> , 2001, 72, 1970-1976. | 1.3 | 16 |
| 122 | Total Flavone of Rhododendron Improves Cerebral Ischemia Injury by Activating Vascular TRPV4 to Induce Endothelium-Derived Hyperpolarizing Factor-Mediated Responses. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-12. | 1.2 | 16 |
| 123 | Dimethylarginine Dimethylaminohydrolase 2 (DDAH 2) Gene Polymorphism, Asymmetric Dimethylarginine (ADMA) Concentrations, and Risk of Coronary Artery Disease: A Case-Control Study. <i>Scientific Reports</i> , 2016, 6, 33934. | 3.3 | 15 |
| 124 | Preoperative plasma biomarkers associated with atrial fibrillation after coronary artery bypass surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 851-863.e3. | 0.8 | 15 |
| 125 | Role of the PPAR pathway in atrial fibrillation associated with heart valve disease: transcriptomics and proteomics in human atrial tissue. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 4. | 17.1 | 15 |
| 126 | Inhibition of vasoconstriction by the thromboxane A ₂ antagonist GR32191B in the human radial artery. <i>British Journal of Clinical Pharmacology</i> , 1999, 48, 207-215. | 2.4 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Role of Large-conductance Calcium-activated Potassium Channels of Coronary Arteries in Heart Preservation. <i>Journal of Heart and Lung Transplantation</i> , 2009, 28, 1094-1101. | 0.6 | 14 |
| 128 | Screening and Identification of Pregnancy Zone Protein and Leucine-Rich Alpha α 2-Glycoprotein as Potential Serum Biomarkers for Early-Onset Myocardial Infarction using Protein Profile Analysis. <i>Proteomics - Clinical Applications</i> , 2019, 13, e1800079. | 1.6 | 14 |
| 129 | Novel mutations of TCTN3/LTBP2 with cellular function changes in congenital heart disease associated with polydactyly. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 13751-13762. | 3.6 | 14 |
| 130 | Genetic analysis of the CITED2 gene promoter in isolated and sporadic congenital ventricular septal defects. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 2254-2261. | 3.6 | 14 |
| 131 | Is referral source a risk factor for coronary surgery? Health maintenance organization versus fee-for-service system. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1996, 111, 708-717. | 0.8 | 13 |
| 132 | Hypoxic preconditioning in coronary microarteries: role of EDHF and K ⁺ channel openers. <i>Annals of Thoracic Surgery</i> , 2002, 74, 143-148. | 1.3 | 13 |
| 133 | Effect of Hypoxia-Reoxygenation on Endothelial Function in Porcine Cardiac Microveins. <i>Annals of Thoracic Surgery</i> , 2006, 81, 1708-1714. | 1.3 | 13 |
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