

Haotian Gu

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Reduced First-Phase Ejection Fraction and Sustained Myocardial Wall Stress in Hypertensive Patients With Diastolic Dysfunction. <i>Hypertension</i> , 2017, 69, 633-640. | 1.3 | 51 |
| 2 | Forward and Backward Pressure Waveform Morphology in Hypertension. <i>Hypertension</i> , 2017, 69, 375-381. | 1.3 | 43 |
| 3 | Identifying Hemodynamic Determinants of Pulse Pressure. <i>Hypertension</i> , 2017, 70, 1176-1182. | 1.3 | 40 |
| 4 | First-Phase Ejection Fraction Is a Powerful Predictor of Adverse Events in Asymptomatic Patients With Aortic Stenosis and Preserved Total Ejection Fraction. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 52-63. | 2.3 | 35 |
| 5 | Myocardial Deformation Measured by 3-Dimensional Speckle Tracking in Children and Adolescents With Systemic Arterial Hypertension. <i>Hypertension</i> , 2017, 70, 1142-1147. | 1.3 | 34 |
| 6 | Cardiac valve disease and low-dose dopamine agonist therapy: an artefact of reporting bias?. <i>Clinical Endocrinology</i> , 2011, 74, 608-610. | 1.2 | 32 |
| 7 | Determinants and prognostic value of echocardiographic first-phase ejection fraction in aortic stenosis. <i>Heart</i> , 2020, 106, 1236-1243. | 1.2 | 22 |
| 8 | Cardiac effects of 6 months' dietary nitrate and spironolactone in patients with hypertension and with/at risk of type 2 diabetes, in the factorial design, double-blind, randomized controlled Vasera trial. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 169-180. | 1.1 | 21 |
| 9 | Hemodynamic Characterization of Primary Hypertension in Children and Adolescents. <i>Journal of the American Heart Association</i> , 2020, 9, e015097. | 1.6 | 20 |
| 10 | Hemodynamic Mechanism of the Age-Related Increase in Pulse Pressure in Women. <i>Hypertension</i> , 2019, 73, 1018-1024. | 1.3 | 19 |
| 11 | Impact of arterial-ventricular interaction on first-phase ejection fraction in aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 650-657. | 0.5 | 14 |
| 12 | Elevated Ejection-Phase Myocardial Wall Stress in Children With Chronic Kidney Disease. <i>Hypertension</i> , 2015, 66, 823-829. | 1.3 | 11 |
| 13 | Central blood pressure and measures of early vascular disease in children with ADPKD. <i>Pediatric Nephrology</i> , 2019, 34, 1791-1797. | 0.9 | 11 |
| 14 | Early ventricular contraction in children with primary hypertension relates to left ventricular mass. <i>Journal of Hypertension</i> , 2021, 39, 711-717. | 0.3 | 9 |
| 15 | Echocardiography Predicts Major Adverse Cardiovascular Events after Renal Transplantation. <i>Nephron Clinical Practice</i> , 2014, 126, 75-80. | 2.3 | 6 |
| 16 | The Authors'™ reply: instantaneous pressure-flow relationships in aortic stenosis. <i>Heart</i> , 2020, 106, 1778.2-1779. | 1.2 | 2 |
| 17 | P6.6 NITROGLYCERIN IMPROVES SYSTOLIC MYOCARDIAL EFFICIENCY. <i>Artery Research</i> , 2015, 12, 26. | 0.3 | 0 |
| 18 | 3.1 REDUCING ARTERIAL STIFFNESS INDEPENDENTLY OF BP: PROOF OF CONCEPT? CAVI, PWV AND CARDIAC DATA IN THE 6-MONTH VASERA TRIAL. <i>Artery Research</i> , 2016, 16, 51. | 0.3 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 8.9 REDUCTION IN MYOCARDIAL WALL STRESS AND DELAYED MYOCARDIAL RELAXATION DURING EXERCISE. Artery Research, 2016, 16, 67. | 0.3 | 0 |
| 20 | P121 IDENTIFYING HAEMODYNAMIC DETERMINANTS OF PULSE PRESSURE: AN INTEGRATED NUMERICAL AND PHYSIOLOGICAL APPROACH. Artery Research, 2017, 20, 78. | 0.3 | 0 |
| 21 | P20 AUGMENTATION INDEX ASSOCIATES WITH IMPAIRED EARLY VENTRICULAR EJECTION. Artery Research, 2017, 20, 98. | 0.3 | 0 |
| 22 | P66 REDUCTION IN AUGMENTATION PRESSURE IS ASSOCIATED WITH IMPROVEMENT OF EARLY VENTRICULAR EJECTION AFTER AORTIC VALVE REPLACEMENT. Artery Research, 2018, 24, 97. | 0.3 | 0 |
| 23 | P32 DETERMINING CARDIAC AND ARTERIAL CONTRIBUTIONS TO CENTRAL PULSE PRESSURE. Artery Research, 2018, 24, 88. | 0.3 | 0 |
| 24 | 3.6 BLOOD PRESSURE REDUCTION IS THE MAIN DETERMINANT OF THE DE-STIFFENING EFFECT OF ANTIHYPERTENSIVE TREATMENT: A META-REGRESSION ANALYSIS AND COMPARISON WITH ACUTE MODULATION OF TRANSMURAL PRESSURE. Artery Research, 2018, 24, 74. | 0.3 | 0 |
| 25 | Report from the Annual Conference of the British Society of Echocardiography, November 2017, Edinburgh International Conference Centre, Edinburgh. Echo Research and Practice, 2019, 6, M1-M2. | 0.6 | 0 |
| 26 | P37 Increased Pressure Dependency of Pulse Wave Velocity with Age. Artery Research, 2019, 25, S78-S78. | 0.3 | 0 |
| 27 | P130 Cardiac Resynchronization Therapy Improves Early Ventricular Contraction and Reduces Time to Onset of Relaxation. Artery Research, 2019, 25, S171-S171. | 0.3 | 0 |
| 28 | 4.5 Increased Central Pulse Pressure in Children Results From Increased Early Ejection Velocity and Increased Aortic Pulse Wave Velocity. Artery Research, 2019, 25, S34-S34. | 0.3 | 0 |
| 29 | P46 Haemodynamics Determinants of Central Pressure during Systole. Artery Research, 2019, 25, S86-S86. | 0.3 | 0 |