

# Haotian Gu

## List of Publications by Year in descending order

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29  
papers

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citations

840119

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#	ARTICLE	IF	CITATIONS
1	Impact of arterio-ventricular interaction on first-phase ejection fraction in aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 650-657.	0.5	14
2	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
3	The Authors'™ reply: instantaneous pressure-flow relationships in aortic stenosis. <i>Heart</i> , 2020, 106, 1778.2-1779.	1.2	2
4	Determinants and prognostic value of echocardiographic first-phase ejection fraction in aortic stenosis. <i>Heart</i> , 2020, 106, 1236-1243.	1.2	22
5	Hemodynamic Characterization of Primary Hypertension in Children and Adolescents. <i>Journal of the American Heart Association</i> , 2020, 9, e015097.	1.6	20
6	Central blood pressure and measures of early vascular disease in children with ADPKD. <i>Pediatric Nephrology</i> , 2019, 34, 1791-1797.	0.9	11
7	Hemodynamic Mechanism of the Age-Related Increase in Pulse Pressure in Women. <i>Hypertension</i> , 2019, 73, 1018-1024.	1.3	19
8	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
9	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
10	Report from the Annual Conference of the British Society of Echocardiography, November 2017, Edinburgh International Conference Centre, Edinburgh. <i>Echo Research and Practice</i> , 2019, 6, M1-M2.	0.6	0
11	P37 Increased Pressure Dependency of Pulse Wave Velocity with Age. <i>Artery Research</i> , 2019, 25, S78-S78.	0.3	0
12	P130 Cardiac Resynchronization Therapy Improves Early Ventricular Contraction and Reduces Time to Onset of Relaxation. <i>Artery Research</i> , 2019, 25, S171-S171.	0.3	0
13	4.5 Increased Central Pulse Pressure in Children Results From Increased Early Ejection Velocity and Increased Aortic Pulse Wave Velocity. <i>Artery Research</i> , 2019, 25, S34-S34.	0.3	0
14	P46 Haemodynamics Determinants of Central Pressure during Systole. <i>Artery Research</i> , 2019, 25, S86-S86.	0.3	0
15	P66 REDUCTION IN AUGMENTATION PRESSURE IS ASSOCIATED WITH IMPROVEMENT OF EARLY VENTRICULAR EJECTION AFTER AORTIC VALVE REPLACEMENT. <i>Artery Research</i> , 2018, 24, 97.	0.3	0
16	P32 DETERMINING CARDIAC AND ARTERIAL CONTRIBUTIONS TO CENTRAL PULSE PRESSURE. <i>Artery Research</i> , 2018, 24, 88.	0.3	0
17	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. <i>Artery Research</i> , 2018, 24, 74.	0.3	0
18	Forward and Backward Pressure Waveform Morphology in Hypertension. <i>Hypertension</i> , 2017, 69, 375-381.	1.3	43

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19	Identifying Hemodynamic Determinants of Pulse Pressure. Hypertension, 2017, 70, 1176-1182.	1.3	40
20	Reduced First-Phase Ejection Fraction and Sustained Myocardial Wall Stress in Hypertensive Patients With Diastolic Dysfunction. Hypertension, 2017, 69, 633-640.	1.3	51
21	Myocardial Deformation Measured by 3-Dimensional Speckle Tracking in Children and Adolescents With Systemic Arterial Hypertension. Hypertension, 2017, 70, 1142-1147.	1.3	34
22	P121 IDENTIFYING HAEMODYNAMIC DETERMINANTS OF PULSE PRESSURE: AN INTEGRATED NUMERICAL AND PHYSIOLOGICAL APPROACH. Artery Research, 2017, 20, 78.	0.3	0
23	P20 AUGMENTATION INDEX ASSOCIATES WITH IMPAIRED EARLY VENTRICULAR EJECTION. Artery Research, 2017, 20, 98.	0.3	0
24	3.1 REDUCING ARTERIAL STIFFNESS INDEPENDENTLY OF BP: PROOF OF CONCEPT? CAVI, PWV AND CARDIAC DATA IN THE 6-MONTH VASERA TRIAL. Artery Research, 2016, 16, 51.	0.3	0
25	8.9 REDUCTION IN MYOCARDIAL WALL STRESS AND DELAYED MYOCARDIAL RELAXATION DURING EXERCISE. Artery Research, 2016, 16, 67.	0.3	0
26	P6.6 NITROGLYCERIN IMPROVES SYSTOLIC MYOCARDIAL EFFICIENCY. Artery Research, 2015, 12, 26.	0.3	0
27	Elevated Ejection-Phase Myocardial Wall Stress in Children With Chronic Kidney Disease. Hypertension, 2015, 66, 823-829.	1.3	11
28	Echocardiography Predicts Major Adverse Cardiovascular Events after Renal Transplantation. Nephron Clinical Practice, 2014, 126, 75-80.	2.3	6
29	Cardiac valve disease and low-dose dopamine agonist therapy: an artefact of reporting bias?. Clinical Endocrinology, 2011, 74, 608-610.	1.2	32