Noninvasive measurement of regional pulse wave veloc ultrasound imaging

Journal of Hypertension

34, 2026-2037

DOI: 10.1097/hjh.0000000000001060

Citation Report

#	Article	IF	Citations
1	An ultrasound elastography method to determine the local stiffness of arteries with guided circumferential waves. Journal of Biomechanics, 2017, 51, 97-104.	0.9	23
2	Do treatment-induced changes in arterial stiffness affect left ventricular structure? A meta-analysis. Journal of Hypertension, 2019, 37, 253-263.	0.3	13
3	Pulse Wave Imaging for Assessing Arterial Stiffness Change in A Mouse Model of Thoracic Aortic Dissection in Marfan Syndrome. , 2019, , .		1
4	Constitutive interpretation of arterial stiffness in clinical studies: a methodological review. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H693-H709.	1.5	28
5	Demonstration of circumferential heterogeneity in displacement and strain in the abdominal aortic wall by spiral cine DENSE MRI. Journal of Magnetic Resonance Imaging, 2019, 49, 731-743.	1.9	12
6	Local Pulse Wave Velocity: Theory, Methods, Advancements, and Clinical Applications. IEEE Reviews in Biomedical Engineering, 2020, 13, 74-112.	13.1	90
7	Reflected wave intensity increases based on aortic diameter after endovascular aortic therapy in a goat model. Scientific Reports, 2021, 11, 3830.	1.6	1
8	Pressure-Corrected Carotid Stiffness and Youngâ€™s Modulus: Evaluation in an Outpatient Clinic Setting. American Journal of Hypertension, 2021, 34, 737-743.	1.0	13
9	Association of incremental pulse wave velocity with cardiometabolic risk factors. Scientific Reports, 2021, 11, 15413.	1.6	5
10	Feasibility of Bilinear Mechanical Characterization of the Abdominal Aorta in a Hypertensive Mouse Model. Ultrasound in Medicine and Biology, 2021, 47, 3480-3490.	0.7	4
11	Noninvasive Aortic Ultrafast Pulse Wave Velocity Associated With Framingham Risk Model: in vivo Feasibility Study. Frontiers in Cardiovascular Medicine, 2022, 9, 749098.	1.1	0
12	Arterial Stiffness Assessment in Healthy Participants Using Shear Wave Elastography. Current Medical Imaging, 2022, 18, 1086-1092.	0.4	3
13	Predictive value of novel inflammatory markers platelet-to-lymphocyte ratio, neutrophil-to-lymphocyte ratio, and monocyte-to-lymphocyte ratio in arterial stiffness in patients with diabetes: A propensity scoreâ€“matched analysis. Frontiers in Endocrinology, 0, 13, .	1.5	4