Longitudinal Versus Circumferential Biomechanical Bel
Ascending Aorta

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Citation Report

#	Article	IF	Citations
1	Lengthwise Regional Mechanics of the Human Aneurysmal Ascending Thoracic Aorta. Acta Biomaterialia, 2023, 162, 266-277.	10.5	13
2	Experimental Protocols to Test Aortic Soft Tissues: A Systematic Review. Bioengineering, 2024, 11, 745.	5.1	7
3	Why the Aortic Organ Fails Longitudinally: A Molecular Mirror to Biomechanical Insight. Journal of Thoracic and Cardiovascular Surgery, 2026, 171, e33-e34.	3.6	2
4	Enhancing Aortic Anastomotic Integrity: Ex Vivo Evaluation of Reinforcement Techniques Using Teflon-Felt Sandwich With Mattress Sutures. Indian Journal of Thoracic and Cardiovascular Surgery, 2025, 41, 1544-1552.	0.8	2
5	Biomechanical Variation of the Vessel Wall Along the Length of the Healthy Aorta—Linking Geometric, Flow-, and Pressure-Mediated Adaptations. Journal of Biomechanical Engineering, 2026, .	1.7	5
6	Family-Wide Dysregulation of Phosphodiesterases Alters cAMP/cGMP Microdomains in Thoracic Aortic Aneurysm. Journal of Cardiovascular Development and Disease, 2026, 13, 23.	2.9	3
7	Molecular Drivers of Aortic Remodeling After Left Ventricular Assist Device. ASAIO Journal, 2026, 72, 10.1097/MAT.0000000000002659.	2.2	0
8	Regional Mechanical and Microstructural Variations in Ascending Thoracic Aortic Aneurysms Influenced by Tricuspid and Bicuspid Aortic Valves. Acta Biomaterialia, 2026, 213, 356-385.	10.5	3