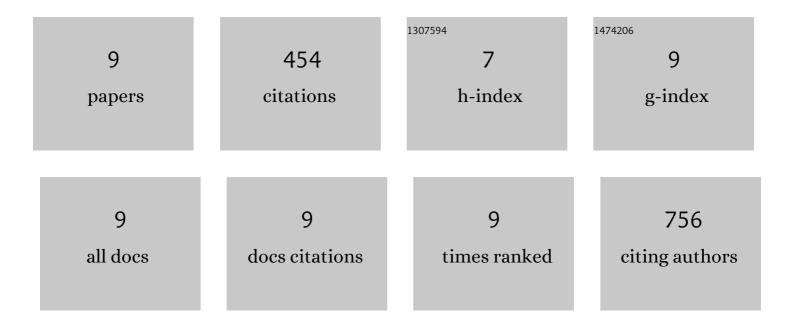
Dominique Tremblay

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A microscale anisotropic biaxial cell stretching device for applications in mechanobiology. Biotechnology Letters, 2014, 36, 657-665.	2.2	43
2	A Novel Stretching Platform for Applications in Cell and Tissue Mechanobiology. Journal of Visualized Experiments, 2014, , .	0.3	5
3	Actin and microtubules play distinct roles in governing the anisotropic deformation of cell nuclei in response to substrate strain. Cytoskeleton, 2013, 70, 837-848.	2.0	35
4	Chronic Over-Expression of Heat Shock Protein 27 Attenuates Atherogenesis and Enhances Plaque Remodeling: A Combined Histological and Mechanical Assessment of Aortic Lesions. PLoS ONE, 2013, 8, e55867.	2.5	37
5	Regional variations in canine descending aortic tissue mechanical properties change with formalin fixation. Cardiovascular Pathology, 2012, 21, 390-397.	1.6	22
6	Remodelling and pathology development associated with aneurysmal ascending aortic tissues. Canadian Journal of Chemical Engineering, 2011, 89, 13-22.	1.7	4
7	Regional dependency of the vascular smooth muscle cell contribution to the mechanical properties of the pig ascending aortic tissue. Journal of Biomechanics, 2010, 43, 2448-2451.	2.1	22
8	Local mechanical and structural properties of healthy and diseased human ascending aorta tissue. Cardiovascular Pathology, 2009, 18, 83-91.	1.6	188
9	A Comparison of Mechanical Properties of Materials Used in Aortic Arch Reconstruction. Annals of Thoracic Surgery, 2009, 88, 1484-1491.	1.3	98