

Dominique Tremblay

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

454
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

756
citing authors

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