

Dominique Tremblay

List of Publications by Year in descending order

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papers

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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | A microscale anisotropic biaxial cell stretching device for applications in mechanobiology. <i>Biotechnology Letters</i> , 2014, 36, 657-665. | 2.2 | 43 |
| 2 | A Novel Stretching Platform for Applications in Cell and Tissue Mechanobiology. <i>Journal of Visualized Experiments</i> , 2014, , . | 0.3 | 5 |
| 3 | 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 |
| 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 | Regional variations in canine descending aortic tissue mechanical properties change with formalin fixation. <i>Cardiovascular Pathology</i> , 2012, 21, 390-397. | 1.6 | 22 |
| 6 | Remodelling and pathology development associated with aneurysmal ascending aortic tissues. <i>Canadian Journal of Chemical Engineering</i> , 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. <i>Journal of Biomechanics</i> , 2010, 43, 2448-2451. | 2.1 | 22 |
| 8 | Local mechanical and structural properties of healthy and diseased human ascending aorta tissue. <i>Cardiovascular Pathology</i> , 2009, 18, 83-91. | 1.6 | 188 |
| 9 | 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 |