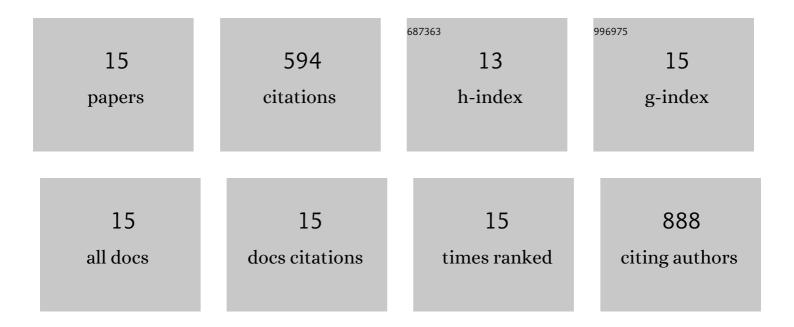
Léonie Rouleau

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Effect of manufacturing and experimental conditions on the mechanical and surface properties of silicone elastomer scaffolds used in endothelial mechanobiological studies. BioMedical Engineering OnLine, 2017, 16, 90.	2.7	20
2	Conjugation of multivalent ligands to gold nanoshells and designing a dual modality imaging probe. Journal of Materials Chemistry B, 2015, 3, 1788-1800.	5.8	13
3	Miktoarm star conjugated multifunctional gold nanoshells: synthesis and an evaluation of biocompatibility and cellular uptake. Journal of Materials Chemistry B, 2014, 2, 6334-6344.	5.8	7
4	VCAMâ€ <scp>1</scp> â€ŧargeting gold nanoshell probe for photoacoustic imaging of atherosclerotic plaque in mice. Contrast Media and Molecular Imaging, 2013, 8, 27-39.	0.8	64
5	Regional variations in canine descending aortic tissue mechanical properties change with formalin fixation. Cardiovascular Pathology, 2012, 21, 390-397.	1.6	22
6	Differential Response of Endothelial Cells to Simvastatin When Conditioned with Steady, Non-Reversing Pulsatile or Oscillating Shear Stress. Annals of Biomedical Engineering, 2011, 39, 402-413.	2.5	14
7	Low-cost three-dimensional imaging system combining fluorescence and ultrasound. Journal of Biomedical Optics, 2011, 16, 126010.	2.6	19
8	Neutrophil Adhesion on Endothelial Cells in a Novel Asymmetric Stenosis Model: Effect of Wall Shear Stress Gradients. Annals of Biomedical Engineering, 2010, 38, 2791-2804.	2.5	32
9	Concentration and Time Effects of Dextran Exposure on Endothelial Cell Viability, Attachment, and Inflammatory Marker Expression In Vitro. Annals of Biomedical Engineering, 2010, 38, 1451-1462.	2.5	34
10	The Response of Human Aortic Endothelial Cells in a Stenotic Hemodynamic Environment: Effect of Duration, Magnitude, and Spatial Gradients in Wall Shear Stress. Journal of Biomechanical Engineering, 2010, 132, 071015.	1.3	28
11	Endothelial Cell Morphologic Response to Asymmetric Stenosis Hemodynamics: Effects of Spatial Wall Shear Stress Gradients. Journal of Biomechanical Engineering, 2010, 132, 081013.	1.3	42
12	Effect of simvastatin on Kruppel-like factor2, endothelial nitric oxide synthase and thrombomodulin expression in endothelial cells under shear stress. Life Sciences, 2010, 87, 92-99.	4.3	32
13	Local mechanical and structural properties of healthy and diseased human ascending aorta tissue. Cardiovascular Pathology, 2009, 18, 83-91.	1.6	188
14	The development of 3-D, in vitro, endothelial culture models for the study of coronary artery disease. BioMedical Engineering OnLine, 2009, 8, 30.	2.7	48
15	Normal Wound Healing in Mice Deficient for Fibulin-5, an Elastin Binding Protein Essential for Dermal Elastic Fiber Assembly. Journal of Investigative Dermatology, 2006, 126, 2707-2714.	0.7	31