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Mechanical mechanisms of thrombosis in intact bent microvessels of rat mesentery

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#	Paper	IF	Citations
51	A Study on Mechanical Damage of Tumor Microvasculature Induced by Alternate Cooling and Heating. <i>Journal of Thermal Science and Engineering Applications</i> , 2009 , 1,	1.9	4
50	Effects of curvature and cell-cell interaction on cell adhesion in microvessels. <i>Biomechanics and Modeling in Mechanobiology</i> , 2010 , 9, 629-40	3.8	26
49	Mechanical buckling of veins under internal pressure. <i>Annals of Biomedical Engineering</i> , 2010 , 38, 1345-53.	1.7	45
48	A Nonlinear Thin-Wall Model for Vein Buckling. <i>Cardiovascular Engineering and Technology</i> , 2010 , 1, 282-289	2.8	17
47	Hemodynamics of the hepatic venous three-vessel confluences using particle image velocimetry. <i>Annals of Biomedical Engineering</i> , 2011 , 39, 2398-416	4.7	10
46	Effects of divalent cations on cell adhesion between human neutrophil and endothelial ligand VCAM-1: a lattice Boltzmann analysis. <i>Procedia Computer Science</i> , 2011 , 4, 1039-1047	1.6	
45	Effects of Geometric Variations on the Buckling of Arteries. <i>International Journal of Applied Mechanics</i> , 2011 , 3, 385-406	2.4	29
44	Tortuosity triggers platelet activation and thrombus formation in microvessels. <i>Journal of Biomechanical Engineering</i> , 2011 , 133, 121004	2.1	43
43	Effect of wall compliance and permeability on blood-flow rate in counter-current microvessels formed from anastomosis during tumor-induced angiogenesis. <i>Journal of Biomechanical Engineering</i> , 2012 , 134, 041003	2.1	7
42	Twisted blood vessels: symptoms, etiology and biomechanical mechanisms. <i>Journal of Vascular Research</i> , 2012 , 49, 185-97	1.9	249
41	Microvascular transport and tumor cell adhesion in the microcirculation. <i>Annals of Biomedical Engineering</i> , 2012 , 40, 2442-55	4.7	3
40	Mechanical buckling of artery under pulsatile pressure. <i>Journal of Biomechanics</i> , 2012 , 45, 1192-8	2.9	29
39	Effects of wall shear stress and its gradient on tumor cell adhesion in curved microvessels. <i>Biomechanics and Modeling in Mechanobiology</i> , 2012 , 11, 641-53	3.8	31
38	Impact of coronary tortuosity on the coronary blood flow: a 3D computational study. <i>Journal of Biomechanics</i> , 2013 , 46, 1833-41	2.9	24
37	Platelet size and density affect shear-induced thrombus formation in tortuous arterioles. <i>Physical Biology</i> , 2013 , 10, 056003	3	27
36	Artery buckling: new phenotypes, models, and applications. <i>Annals of Biomedical Engineering</i> , 2013 , 41, 1399-410	4.7	59
35	Transport of Water and Solutes Across Endothelial Barriers and Tumor Cell Adhesion in the Microcirculation. 2013 , 119-180		

34	Mechanical buckling of arterioles in collateral development. <i>Journal of Theoretical Biology</i> , 2013 , 316, 42-8	2.3	4
33	Anisotropic particles align perpendicular to the flow direction in narrow microchannels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 6706-11	11.5	116
32	Neutrophils and emerging targets for treatment in chronic obstructive pulmonary disease. <i>Expert Review of Clinical Immunology</i> , 2013 , 9, 1055-68	5.1	53
31	Effect of Red Blood Cells on Platelet Activation and Thrombus Formation in Tortuous Arterioles. <i>Frontiers in Bioengineering and Biotechnology</i> , 2013 , 1, 18	5.8	12
30	Computation of hemodynamics in tortuous left coronary artery: a morphological parametric study. <i>Journal of Biomechanical Engineering</i> , 2014 , 136, 101006	2.1	23
29	Differential arrest and adhesion of tumor cells and microbeads in the microvasculature. <i>Biomechanics and Modeling in Mechanobiology</i> , 2014 , 13, 537-50	3.8	23
28	Computational fluid dynamics in coronary artery disease. <i>Computerized Medical Imaging and Graphics</i> , 2014 , 38, 651-63	7.6	27
27	Murine Kidney Transplant Technique. <i>Journal of Visualized Experiments</i> , 2015 , e52848	1.6	6
26	Endothelial surface glycocalyx can regulate flow-induced nitric oxide production in microvessels in vivo. <i>PLoS ONE</i> , 2015 , 10, e0117133	3.7	76
25	Revised Arterial Anastomosis for Improving Murine Kidney Transplant Outcomes. <i>Journal of Investigative Surgery</i> , 2015 , 28, 208-14	1.2	9
24	Flow-driven assembly of VWF fibres and webs in in vitro microvessels. <i>Nature Communications</i> , 2015 , 6, 7858	17.4	81
23	Inhibition of endothelial nitric oxide synthase decreases breast cancer cell MDA-MB-231 adhesion to intact microvessels under physiological flows. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 310, H1735-47	5.2	26
22	Modeling thrombus formation and growth. <i>Biotechnology and Bioengineering</i> , 2017 , 114, 2154-2172	4.9	16
21	Computational fluid dynamics characterization of pulsatile flow in central and Sano shunts connected to the pulmonary arteries: importance of graft angulation on shear stress-induced, platelet-mediated thrombosis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017 , 25, 414-421	1.8	9
20	Differences in subependymal vein anatomy may predispose preterm infants to GMH-IVH. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018 , 103, F59-F65	4.7	22
19	Molecular, Cellular, and Tissue Engineering of the Vascular System. <i>Advances in Experimental Medicine and Biology</i> , 2018 ,	3.6	4
18	Tumor Metastasis in the Microcirculation. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1097, 201-218	3.6	8
17	Modeling Cell Adhesion and Extravasation in Microvascular System. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1097, 219-234	3.6	1

16	Curvature distribution and autocorrelations in elliptic cylinders and cones. <i>AIP Advances</i> , 2019 , 9, 085304	4.5	1
15	Three-dimensional distribution of wall shear stress and its gradient in red cell-resolved computational modeling of blood flow in in vivo-like microvascular networks. <i>Physiological Reports</i> , 2019 , 7, e14067	2.6	16
14	An Integrated View on Vascular Dysfunction in Alzheimer's Disease. <i>Neurodegenerative Diseases</i> , 2019 , 19, 109-127	2.3	30
13	Impact of coronary tortuosity on the artery hemodynamics. <i>Biocybernetics and Biomedical Engineering</i> , 2020 , 40, 126-147	5.7	8
12	The mechanical responses of advecting cells in confined flow. <i>Biomicrofluidics</i> , 2020 , 14, 031501	3.2	5
11	Tortuosity-powered microfluidic device for assessment of thrombosis and antithrombotic therapy in whole blood. <i>Scientific Reports</i> , 2020 , 10, 5742	4.9	5
10	Tortuosity of superior cerebral veins: Comparative magnetic resonance imaging morphometrics in normal subjects and arteriovenous malformation patients. <i>Clinical Anatomy</i> , 2021 , 34, 326-332	2.5	0
9	Numerical study on the adhesion of a circulating tumor cell in a curved microvessel. <i>Biomechanics and Modeling in Mechanobiology</i> , 2021 , 20, 243-254	3.8	2
8	Impact of Coronary Artery Tortuosity on Outcomes Following Stenting: A Pooled Analysis From 6 Trials. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 1009-1018	5	1
7	Motion of a tumour cell under the blood flow at low Reynolds number in a curved microvessel. <i>Molecular Simulation</i> , 2021 , 47, 1-9	2	2
6	Numerical Simulation of Thrombotic Occlusion in Tortuous Arterioles. 2017 , 2, 095-111		2
5	Microvascular Permeability and Tumor Metastasis. 2013 , 49-68		
4	Numerical Simulation of Thrombotic Occlusion in Tortuous Arterioles. <i>Journal of Cardiology and Cardiovascular Medicine</i> , 2017 , 2, 95-111	0.1	1
3	Photoacoustic waves of a fluidic elliptic cylinder: Analytic solution and finite element method study. 10 ,		0
2	The Endothelial Glycocalyx and Retinal Hemodynamics. 2022 , 29, 663-677		1
1	Simulation of blood flow in human arteries as porous media. 1-11		0