

Lydia Aslanidou

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

221
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

407
citing authors

#	ARTICLE	IF	CITATIONS
1	Considerations for analysis of endothelial shear stress and strain in FSI models of atherosclerosis. <i>Journal of Biomechanics</i> , 2021, 128, 110720.	2.1	4
2	Co-localization of microstructural damage and excessive mechanical strain at aortic branches in angiotensin-II-infused mice. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 81-97.	2.8	11
3	Early Morphofunctional Changes in AngII-Infused Mice Contribute to Regional Onset of Aortic Aneurysm and Dissection. <i>Journal of Vascular Research</i> , 2020, 57, 367-375.	1.4	4
4	Synchrotron-based visualization and segmentation of elastic lamellae in the mouse carotid artery during quasi-static pressure inflation. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190179.	3.4	7
5	Propagation-based phase-contrast synchrotron imaging of aortic dissection in mice: from individual elastic lamella to 3D analysis. <i>Scientific Reports</i> , 2018, 8, 2223.	3.3	23
6	Should We Ignore What We Cannot Measure? How Non-Uniform Stretch, Non-Uniform Wall Thickness and Minor Side Branches Affect Computational Aortic Biomechanics in Mice. <i>Annals of Biomedical Engineering</i> , 2018, 46, 159-170.	2.5	9
7	Synchrotron-based phase contrast imaging of cardiovascular tissue in mice—grating interferometry or phase propagation?. <i>Biomedical Physics and Engineering Express</i> , 2018, 5, 015010.	1.2	3
8	Angiotensin II infusion into ApoE ^{-/-} mice: a model for aortic dissection rather than abdominal aortic aneurysm?. <i>Cardiovascular Research</i> , 2017, 113, 1230-1242.	3.8	78
9	Ascending Aortic Aneurysm in Angiotensin II-Infused Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 673-681.	2.4	65
10	A 1D model of the arterial circulation in mice. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2016, 33, 13-28.	1.5	17