

Sarah Johnson

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

190
citations

1478505

6
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	Aspects of ischemic stroke biomechanics derived using ex-vivo and in-vitro methods relating to mechanical thrombectomy. <i>Journal of Biomechanics</i> , 2022, 131, 110900.	2.1	5
2	Investigating the Mechanical Behavior of Clot Analogues Through Experimental and Computational Analysis. <i>Annals of Biomedical Engineering</i> , 2021, 49, 420-431.	2.5	26
3	In Vitro Clot Modeling and Clinical Applications. , 2021, , 19-43.		0
4	A new compressible hyperelastic model for the multi-axial deformation of blood clot occlusions in vessels. <i>Biomechanics and Modeling in Mechanobiology</i> , 2021, 20, 1317-1335.	2.8	16
5	Blood clot fracture properties are dependent on red blood cell and fibrin content. <i>Acta Biomaterialia</i> , 2021, 127, 213-228.	8.3	43
6	Measuring the effect of thrombosis, thrombus maturation and thrombolysis on clot mechanical properties in an in-vitro model. <i>Journal of Biomechanics</i> , 2021, 129, 110731.	2.1	8
7	Mechanical behavior of in vitro blood clots and the implications for acute ischemic stroke treatment. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 853-857.	3.3	46
8	Development of an in vitro model of calcified cerebral emboli in acute ischemic stroke for mechanical thrombectomy evaluation. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 1002-1007.	3.3	10
9	Review of Mechanical Testing and Modelling of Thrombus Material for Vascular Implant and Device Design. <i>Annals of Biomedical Engineering</i> , 2017, 45, 2494-2508.	2.5	31
10	A Review of the Advancements in the in-vitro Modelling of Acute Ischemic Stroke and Its Treatment. <i>Frontiers in Medical Technology</i> , 0, 4, .	2.5	3