

Sarah Johnson

List of Publications by Year in descending order

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