

Shashank Acharya

List of Publications by Year in descending order

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8
papers

74
citations

1684188
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all docs

8
docs citations

8
times ranked

29
citing authors

#	ARTICLE	IF	CITATIONS
1	Stabilization approaches for the hyperelastic immersed boundary method for problems of large-deformation incompressible elasticity. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 365, 112978.	6.6	18
2	Mechanics informed fluoroscopy of esophageal transport. <i>Biomechanics and Modeling in Mechanobiology</i> , 2021, 20, 925-940.	2.8	11
3	Assessment of esophageal body peristaltic work using functional lumen imaging probe panometry. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, G217-G226.	3.4	9
4	Pumping Patterns and Work Done During Peristalsis in Finite-Length Elastic Tubes. <i>Journal of Biomechanical Engineering</i> , 2021, 143, .	1.3	9
5	Myotomy technique and esophageal contractility impact blown-out myotomy formation in achalasia: an in silico investigation. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 322, G500-G512.	3.4	9
6	A fully resolved multiphysics model of gastric peristalsis and bolus emptying in the upper gastrointestinal tract. <i>Computers in Biology and Medicine</i> , 2022, 143, 104948.	7.0	7
7	Estimation of mechanical work done to open the esophagogastric junction using functional lumen imaging probe panometry. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, G780-G790.	3.4	6
8	Repetitive antegrade contraction: a novel response to sustained esophageal distension is modulated by cholinergic influence. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, G696-G702.	3.4	5