

# Phani Kumari Paritala

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/705744/publications.pdf>

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9  
papers

122  
citations

1684188

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1372567

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112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the Impact of Calcification on Plaque Vulnerability from the Aspect of Mechanical Interaction Between Blood Flow and Artery Based on MRI. <i>Annals of Biomedical Engineering</i> , 2021, 49, 1169-1182.	2.5	14
2	Plaque Longitudinal Heterogeneity in Morphology, Property, and Mechanobiology. <i>Cerebrovascular Diseases</i> , 2021, 50, 510-519.	1.7	4
3	Case Report: Evaluating Biomechanical Risk Factors in Carotid Stenosis by Patient-Specific Fluid-Structural Interaction Biomechanical Analysis. <i>Cerebrovascular Diseases</i> , 2021, 50, 262-269.	1.7	2
4	Optical coherence tomography-based patient-specific coronary artery reconstruction and fluid-structure interaction simulation. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 7-20.	2.8	32
5	The importance of blood rheology in patient-specific computational fluid dynamics simulation of stenotic carotid arteries. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 1477-1490.	2.8	36
6	Stress-Relaxation and Cyclic Behavior of Human Carotid Plaque Tissue. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 60.	4.1	4
7	Prediction of atherosclerotic plaque life - Perceptions from fatigue analysis. <i>Procedia Manufacturing</i> , 2019, 30, 522-529.	1.9	1
8	Carotid Bifurcation With Tandem Stenosis - A Patient-Specific Case Study Combined in vivo Imaging, in vitro Histology and in silico Simulation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 349.	4.1	13
9	Numerical investigation of atherosclerotic plaque rupture using optical coherence tomography imaging and XFEM. <i>Engineering Fracture Mechanics</i> , 2018, 204, 531-541.	4.3	14