

# Phani Kumari Paritala

## List of Publications by Year in descending order

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

Version: 2024-02-01

9  
papers

122  
citations

1684188  
5  
h-index

1372567  
10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

112  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
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	Plaque Longitudinal Heterogeneity in Morphology, Property, and Mechanobiology. <i>Cerebrovascular Diseases</i> , 2021, 50, 510-519.	1.7	4
8	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
9	Prediction of atherosclerotic plaque life—Perceptions from fatigue analysis. <i>Procedia Manufacturing</i> , 2019, 30, 522-529.	1.9	1