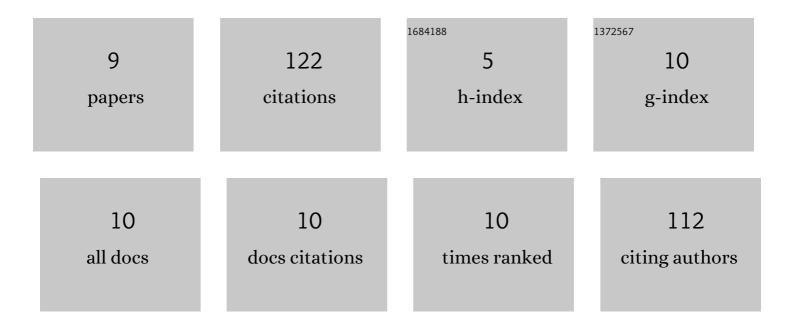
Phani Kumari Paritala

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/705744/publications.pdf Version: 2024-02-01



#	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. Annals of Biomedical Engineering, 2021, 49, 1169-1182.	2.5	14
2	Plaque Longitudinal Heterogeneity in Morphology, Property, and Mechanobiology. Cerebrovascular Diseases, 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. Cerebrovascular Diseases, 2021, 50, 262-269.	1.7	2
4	Optical coherence tomography-based patient-specific coronary artery reconstruction and fluid–structure interaction simulation. Biomechanics and Modeling in Mechanobiology, 2020, 19, 7-20.	2.8	32
5	The importance of blood rheology in patient-specific computational fluid dynamics simulation of stenotic carotid arteries. Biomechanics and Modeling in Mechanobiology, 2020, 19, 1477-1490.	2.8	36
6	Stress-Relaxation and Cyclic Behavior of Human Carotid Plaque Tissue. Frontiers in Bioengineering and Biotechnology, 2020, 8, 60.	4.1	4
7	Prediction of atherosclerotic plaque life – Perceptions from fatigue analysis. Procedia Manufacturing, 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. Frontiers in Bioengineering and Biotechnology, 2019, 7, 349.	4.1	13
9	Numerical investigation of atherosclerotic plaque rupture using optical coherence tomography imaging and XFEM. Engineering Fracture Mechanics, 2018, 204, 531-541.	4.3	14