

# Santanu Chandra

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10621329/publications.pdf>

Version: 2024-02-01

6  
papers

398  
citations

1478280

6  
h-index

1872570

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational assessment of bicuspid aortic valve wall-shear stress: implications for calcific aortic valve disease. <i>Biomechanics and Modeling in Mechanobiology</i> , 2012, 11, 1085-1096.	1.4	109
2	Ex Vivo Evidence for the Contribution of Hemodynamic Shear Stress Abnormalities to the Early Pathogenesis of Calcific Bicuspid Aortic Valve Disease. <i>PLoS ONE</i> , 2012, 7, e48843.	1.1	77
3	The Role of Geometric and Biomechanical Factors in Abdominal Aortic Aneurysm Rupture Risk Assessment. <i>Annals of Biomedical Engineering</i> , 2013, 41, 1459-1477.	1.3	72
4	Fluid-Structure Interaction Modeling of Abdominal Aortic Aneurysms: The Impact of Patient-Specific Inflow Conditions and Fluid/Solid Coupling. <i>Journal of Biomechanical Engineering</i> , 2013, 135, 81001.	0.6	71
5	A Pull-Back Algorithm to Determine the Unloaded Vascular Geometry in Anisotropic Hyperelastic AAA Passive Mechanics. <i>Annals of Biomedical Engineering</i> , 2013, 41, 694-708.	1.3	58
6	A Methodology for the Derivation of Unloaded Abdominal Aortic Aneurysm Geometry With Experimental Validation. <i>Journal of Biomechanical Engineering</i> , 2016, 138, .	0.6	11