

Guanglei Xiong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1992448/publications.pdf>

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7
papers

155
citations

1684188

5
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

309
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of blood flow in deformable vessels using subject-specific geometry and spatially varying wall properties. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2011, 27, 1000-1016.	2.1	51
2	Myocardial perfusion analysis in cardiac computed tomography angiographic images at rest. <i>Medical Image Analysis</i> , 2015, 24, 77-89.	11.6	46
3	Effect of Varying Hemodynamic and Vascular Conditions on Fractional Flow Reserve: An In Vitro Study. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	19
4	Comprehensive Modeling and Visualization of Cardiac Anatomy and Physiology from CT Imaging and Computer Simulations. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2017, 23, 1014-1028.	4.4	14
5	Influence of virtual intervention and blood rheology on mass transfer through thoracic aortic aneurysm. <i>Journal of Biomechanics</i> , 2015, 48, 3312-3322.	2.1	13
6	Robotics-driven printing of curved 3D structures for manufacturing cardiac therapeutic devices. , 2015, , .		7
7	Watertight modeling and segmentation of bifurcated Coronary arteries for blood flow simulation using CT imaging. <i>Computerized Medical Imaging and Graphics</i> , 2016, 53, 43-53.	5.8	5