

James Jewkes

List of Publications by Year in descending order

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10
papers

330
citations

1478505

6
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

330
citing authors

#	ARTICLE	IF	CITATIONS
1	Computation of hemodynamics in the left coronary artery with variable angulations. <i>Journal of Biomechanics</i> , 2011, 44, 1869-1878.	2.1	144
2	Computational Fluid Dynamics Analysis of the Effect of Plaques in the Left Coronary Artery. <i>Computational and Mathematical Methods in Medicine</i> , 2012, 2012, 1-9.	1.3	64
3	Haemodynamic analysis of the effect of different types of plaques in the left coronary artery. <i>Computerized Medical Imaging and Graphics</i> , 2013, 37, 197-206.	5.8	35
4	Impact of plaques in the left coronary artery on wall shear stress and pressure gradient in coronary side branches. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2014, 17, 108-118.	1.6	33
5	Hemodynamic impacts of various types of stenosis in the left coronary artery bifurcation: A patient-specific analysis. <i>Physica Medica</i> , 2013, 29, 447-452.	0.7	28
6	Investigation of the haemodynamic environment of bifurcation plaques within the left coronary artery in realistic patient models based on CT images. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2012, 35, 231-236.	1.3	16
7	Particle image velocimetry and infrared thermography of turbulent jet impingement on an oscillating surface. <i>Experimental Thermal and Fluid Science</i> , 2018, 98, 576-593.	2.7	4
8	Reynolds Averaged and Large Eddy Computations of Flow and Heat Transfer Under Round Jet Impingement. , 2014, , .		3
9	Simplified CFD Model for Assessing the Cooling Channel Design in 3D Printed High-Pressure Tools for Aluminium Alloy Casting. , 0, , .		2
10	Haemodynamic Effect of Coronary Angulations on Subsequent Development of Coronary Artery Disease: A Preliminary Study. , 2010, , .		1