Danko Z Milasinovic

List of Publications by Year
in descending order

		1478505	1372567
16 papers	**106** citations	**6** h-index	**10** g-index
16 all docs	**16** docs citations	**16** times ranked	**129** citing authors

#	Article	IF	Citations
1	The Simultaneous Role of an Alveolus as Flow Mixer and Flow Feeder for the Deposition of Inhaled Submicron Particles. Journal of Biomechanical Engineering, 2012, 134, 121001.	1.3	24
2	Impact of aortic repair based on flow field computer simulation within the thoracic aorta. Computer Methods and Programs in Biomedicine, 2011, 101, 243-252.	4.7	23
3	Computer modelling of maximal displacement forces in endoluminal thoracic aortic stent graft. Computer Methods in Biomechanics and Biomedical Engineering, 2014, 17, 1012-1020.	1.6	13
4	dfemtoolz: An open-source C++ framework for efficient imposition of material and boundary conditions in finite element biomedical simulations. Computer Physics Communications, 2020, 249, 106996.	7.5	8
5	Software tools for automatic generation of finite element mesh and application of biomechanical calculation in medicine. Hemijska Industrija, 2008, 62, 177-180.	0.7	8
6	Numerical simulation of the flow field and mass transport pattern within the coronary artery. Computer Methods in Biomechanics and Biomedical Engineering, 2011, 14, 379-388.	1.6	7
7	OpenMandible: An open-source framework for highly realistic numerical modelling of lower mandible physiology. Dental Materials, 2021, 37, 612-624.	3.5	7
8	Numerical and experimental analysis of factors leading to suture dehiscence after Billroth II gastric resection. Computer Methods and Programs in Biomedicine, 2014, 117, 71-79.	4.7	6
9	Virtual ABI: A computationally derived ABI index for noninvasive assessment of femoro-popliteal bypass surgery outcome. Computer Methods and Programs in Biomedicine, 2021, 208, 106242.	4.7	4
10	Computer model and clinical relevance of abdominal aorta aneurysm with compliant nonlinear material wall. , 2010, , .		2
11	Software tools for manipulating fe mesh, virtual surgery and post-processing. Hemijska Industrija, 2009, 63, 275-279.	0.7	2
12	Hemodynamics of Femoro-Popliteal â€œBi-Passâ€•Surgery using FEA Methods. , 2021, , .		1
13	Haemodynamics of femoropopliteal bypass surgery using finite element analysis method. Medicinski Casopis, 2021, 55, 66-70.	0.1	1
14	Computer modeling of drag forces in endoluminal stent-graft. , 2011, , .		0
15	Afferent loop syndrome CFD simulation after Billroth II gastric resection. , 2011, , .		0
16	Role of computer analysis in prediction of surgical outcome after Billroth II gastric resection. , 2015, , .		0