Danko Z Milasinovic

List of Publications by Year
in descending order

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

#	Article	IF	Citations
1	OpenMandible: An open-source framework for highly realistic numerical modelling of lower mandible physiology. Dental Materials, 2021, 37, 612-624.	3.5	7
2	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
3	Hemodynamics of Femoro-Popliteal â€œBi-Passâ€•Surgery using FEA Methods. , 2021, , .		1
4	Haemodynamics of femoropopliteal bypass surgery using finite element analysis method. Medicinski Casopis, 2021, 55, 66-70.	0.1	1
5	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
6	Role of computer analysis in prediction of surgical outcome after Billroth II gastric resection. , 2015, , .		0
7	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
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	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
10	Computer modeling of drag forces in endoluminal stent-graft. , 2011, , .		0
11	Afferent loop syndrome CFD simulation after Billroth II gastric resection. , 2011, , .		0
12	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
13	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
14	Computer model and clinical relevance of abdominal aorta aneurysm with compliant nonlinear material wall. , 2010, , .		2
15	Software tools for manipulating fe mesh, virtual surgery and post-processing. Hemijska Industrija, 2009, 63, 275-279.	0.7	2
16	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