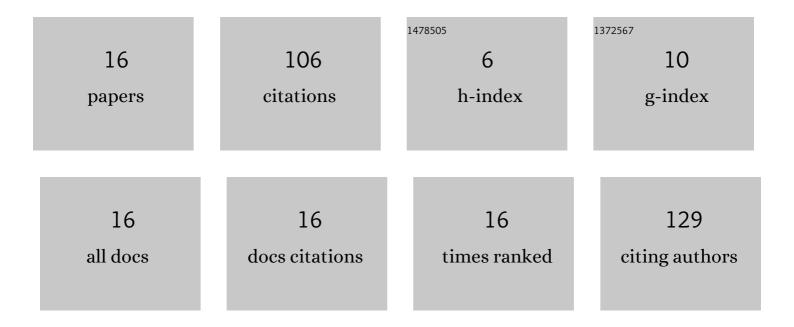
## Danko Z Milasinovic

List of Publications by Year in descending order

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| #  | 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 "Bi-Pass―Surgery using FEA Methods. , 2021, , .   |     | 1         |
| 4  | Haemodynamics of femoropopliteal bypass surgery using finite element analysis method. Medicinski<br>Casopis, 2021, 55, 66-70.  | 0.1 | 1         |
| 5  | dfemtoolz: An open-source C++ framework for efficient imposition of material and boundary<br>conditions in finite element biomedical simulations. Computer Physics Communications, 2020, 249,<br>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.<br>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<br>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.<br>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. Hemiiska Industrija, 2008, 62, 177-180.   | 0.7 | 8         |