

# Elena Cutră

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1177586/publications.pdf>

Version: 2024-02-01

8  
papers

115  
citations

1684188

5  
h-index

1720034

7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Patient-specific biomechanical model of hypoplastic left heart to predict post-operative cardio-circulatory behaviour. <i>Medical Engineering and Physics</i> , 2017, 47, 85-92.	1.7	5
2	Distributed and Lumped Parameter Models for the Characterization of High Throughput Bioreactors. <i>PLoS ONE</i> , 2016, 11, e0162774.	2.5	16
3	Integrated Stent Models Based on Dimension Reduction: Review and Future Perspectives. <i>Annals of Biomedical Engineering</i> , 2016, 44, 604-617.	2.5	13
4	Combined approach for the biomechanical characterization of skin lesions. , 2015, 2015, 913-6.		0
5	A multiscale model for the study of cardiac biomechanics in single-ventricle surgeries: a clinical case. <i>Interface Focus</i> , 2015, 5, 20140079.	3.0	16
6	Stent deformation, physical stress, and drug elution obtained with provisional stenting, conventional culotte and Tryton-based culotte to treat bifurcations: a virtual simulation study. <i>EuroIntervention</i> , 2014, 9, 1441-1453.	3.2	25
7	Drug delivery patterns for different stenting techniques in coronary bifurcations: a comparative computational study. <i>Biomechanics and Modeling in Mechanobiology</i> , 2013, 12, 657-669.	2.8	35
8	A Mechanical Simulator of Cardiac Wall Kinematics. <i>ASAIO Journal</i> , 2010, 56, 164-171.	1.6	5