

Raffaella Santagiuliana

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

129
citations

1478505

6
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

134
citing authors

#	ARTICLE	IF	CITATIONS
1	A tumor growth model with deformable ECM. <i>Physical Biology</i> , 2014, 11, 065004.	1.8	58
2	Simulation of angiogenesis in a multiphase tumor growth model. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2016, 304, 197-216.	6.6	18
3	Drug delivery: Experiments, mathematical modelling and machine learning. <i>Computers in Biology and Medicine</i> , 2020, 123, 103820.	7.0	15
4	The role of cell lysis and matrix deposition in tumor growth modeling. <i>Advanced Modeling and Simulation in Engineering Sciences</i> , 2015, 2, .	1.7	13
5	Coupling tumor growth and bio distribution models. <i>Biomedical Microdevices</i> , 2019, 21, 33.	2.8	13
6	Predicting the role of microstructural and biomechanical cues in tumor growth and spreading. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2018, 34, e2935.	2.1	7
7	Elucidating the Role of Matrix Porosity and Rigidity in Glioblastoma Type IV Progression. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 9076.	2.5	4
8	Multiphase Porous Media Models for Mechanics in Medicine: Applications to Transport Oncophysics and Diabetic Foot. , 2019, , 155-166.		1
9	Mechanics of growing tumors: impact of modeling assumptions and boundary conditions on reliability of numerical results. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2015, 15, 109-110.	0.2	0