

Alen Tosenberger

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

270
citations

1040056

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h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling of thrombus growth in flow with a DPD-PDE method. Journal of Theoretical Biology, 2013, 337, 30-41.	1.7	60
2	Modelling of platelet-fibrin clot formation in flow with a DPD-PDE method. Journal of Mathematical Biology, 2016, 72, 649-681.	1.9	55
3	Numerical Modelling of Cell Distribution in Blood Flow. Mathematical Modelling of Natural Phenomena, 2014, 9, 69-84.	2.4	29
4	Particle Dynamics Methods of Blood Flow Simulations. Mathematical Modelling of Natural Phenomena, 2011, 6, 320-332.	2.4	24
5	A Conceptual Model of Morphogenesis and Regeneration. Acta Biotheoretica, 2015, 63, 283-294.	1.5	23
6	Modeling of the effects of IL-17 and TNF- α on endothelial cells and thrombus growth. Comptes Rendus - Biologies, 2017, 340, 456-473.	0.2	19
7	On a Model of Pattern Regeneration Based on Cell Memory. PLoS ONE, 2015, 10, e0118091.	2.5	18
8	On the regimes of blood coagulation. Applied Mathematics Letters, 2016, 51, 74-79.	2.7	17
9	Target morphology and cell memory: a model of regenerative pattern formation. Neural Regeneration Research, 2015, 10, 1901.	3.0	12
10	Influence of Fibrinogen Deficiency on Clot Formation in Flow by Hybrid Model. Mathematical Modelling of Natural Phenomena, 2015, 10, 36-47.	2.4	10
11	Existence of Reaction-Diffusion Waves with Nonlinear Boundary Conditions. Mathematical Modelling of Natural Phenomena, 2013, 8, 2-17.	2.4	3