

Wanho Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10712513/publications.pdf>

Version: 2024-02-01

14
papers

145
citations

1478505

6
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of extracellular matrix and microenvironment in regulation of tumor growth and LAR-mediated invasion in glioblastoma. PLoS ONE, 2018, 13, e0204865.	2.5	40
2	The role of myosin II in glioma invasion: A mathematical model. PLoS ONE, 2017, 12, e0171312.	2.5	27
3	Volume preserving immersed boundary methods for two-phase fluid flows. International Journal for Numerical Methods in Fluids, 2012, 69, 842-858.	1.6	20
4	Computational models of valveless pumping using the immersed boundary method. Computer Methods in Applied Mechanics and Engineering, 2008, 197, 2329-2339.	6.6	14
5	Localized axial Green's function method for the convection-diffusion equations in arbitrary domains. Journal of Computational Physics, 2014, 275, 390-414.	3.8	13
6	Axial Green Function Method for Axisymmetric Electromagnetic Field Computation. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	13
7	Simulations of Valveless Pumping in an Open Elastic Tube. SIAM Journal of Scientific Computing, 2009, 31, 1901-1925.	2.8	5
8	Dynamical Motion Driven by Periodic Forcing on an Open Elastic Tube in Fluid. Communications in Computational Physics, 2012, 12, 494-514.	1.7	5
9	An Immersed Boundary Heart Model Coupled with a Multicompartment Lumped Model of the Circulatory System. SIAM Journal of Scientific Computing, 2010, 32, 1809-1831.	2.8	4
10	A Multiscale Model of Cardiovascular System Including an Immersed Whole Heart in the Cases of Normal and Ventricular Septal Defect (VSD). Bulletin of Mathematical Biology, 2015, 77, 1349-1376.	1.9	3
11	The Role of Microenvironment in Regulation of Cell Infiltration in Glioblastoma. Modeling and Simulation in Science, Engineering and Technology, 2018, , 27-60.	0.6	1
12	Axial green function method for axisymmetric electromagnetic field computation. , 2016, , .		0
13	Immersed Boundary Method for Simulating Interfacial Problems. Mathematics, 2020, 8, 1982.	2.2	0
14	MULTIDIMENSIONAL OPEN SYSTEM FOR VALVELESS PUMPING. Bulletin of the Korean Mathematical Society, 2015, 52, 1973-2000.	0.3	0