

Wanho Lee

List of Publications by Year in descending order

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