

Yuanyuan Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

309
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

331
citing authors

#	ARTICLE	IF	CITATIONS
1	Metastable modular metastructures for on-demand reconfiguration of band structures and nonreciprocal wave propagation. <i>Physical Review E</i> , 2018, 97, 022209.	2.1	59
2	Dorsal-ventral patterned neural cyst from human pluripotent stem cells in a neurogenic niche. <i>Science Advances</i> , 2019, 5, eaax5933.	10.3	59
3	Effects of gravity, inertia, and surfactant on steady plug propagation in a two-dimensional channel. <i>Physics of Fluids</i> , 2007, 19, 082107.	4.0	41
4	Liquid plug propagation in flexible microchannels: A small airway model. <i>Physics of Fluids</i> , 2009, 21, 71903.	4.0	38
5	Effects of Inertia and Gravity on Liquid Plug Splitting at a Bifurcation. <i>Journal of Biomechanical Engineering</i> , 2006, 128, 707-716.	1.3	29
6	Experimental study of flow fields in an airway closure model. <i>Journal of Fluid Mechanics</i> , 2010, 647, 391-402.	3.4	24
7	Effect of Gravity on Liquid Plug Transport Through an Airway Bifurcation Model. <i>Journal of Biomechanical Engineering</i> , 2005, 127, 798-806.	1.3	22
8	Numerical study of flow fields in an airway closure model. <i>Journal of Fluid Mechanics</i> , 2011, 677, 483-502.	3.4	18
9	Vitreous Cryopreservation of Human Umbilical Vein Endothelial Cells with Low Concentration of Cryoprotective Agents for Vascular Tissue Engineering. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 964-973.	2.1	12
10	Advances in neural organoid systems and their application in neurotoxicity testing of environmental chemicals. <i>Genes and Environment</i> , 2021, 43, 39.	2.1	7