

Rupert W Nash

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

279
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

454
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Modeling Patient-Specific Magnetic Drug Targeting Within the Intracranial Vasculature. <i>Frontiers in Physiology</i> , 2018, 9, 331. | 2.8 | 25 |
| 2 | PolNet: A Tool to Quantify Network-Level Cell Polarity and Blood Flow in Vascular Remodeling. <i>Biophysical Journal</i> , 2018, 114, 2052-2058. | 0.5 | 29 |
| 3 | Weighted Decomposition in High-Performance Lattice-Boltzmann Simulations: Are Some Lattice Sites More Equal than Others?. <i>Lecture Notes in Computer Science</i> , 2015, , 28-38. | 1.3 | 3 |
| 4 | Choice of boundary condition for lattice-Boltzmann simulation of moderate-Reynolds-number flow in complex domains. <i>Physical Review E</i> , 2014, 89, 023303. | 2.1 | 48 |
| 5 | Computer simulations reveal complex distribution of haemodynamic forces in a mouse retina model of angiogenesis. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140543. | 3.4 | 87 |
| 6 | Impact of blood rheology on wall shear stress in a model of the middle cerebral artery. <i>Interface Focus</i> , 2013, 3, 20120094. | 3.0 | 41 |
| 7 | Analysing and modelling the performance of the HemeLB lattice-Boltzmann simulation environment. <i>Journal of Computational Science</i> , 2013, 4, 412-422. | 2.9 | 46 |