# Rupert W Nash

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| **7**<br>papers | **279**<br>citations | 1478505<br>**6**<br>h-index | 1720034<br>**7**<br>g-index |
| **8**<br>all docs | **8**<br>docs citations | **8**<br>times ranked | **454**<br>citing authors |

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