

Ioannis Zacharoudiou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9404068/publications.pdf>

Version: 2024-02-01

10
papers

299
citations

1040056

9
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Capillary filling and Haines jump dynamics using free energy Lattice Boltzmann simulations. <i>Advances in Water Resources</i> , 2016, 92, 43-56.	3.8	59
2	Confinement Induced Splay-to-Bend Transition of Colloidal Rods. <i>Physical Review Letters</i> , 2012, 109, 108303.	7.8	40
3	The impact of drainage displacement patterns and Haines jumps on CO ₂ storage efficiency. <i>Scientific Reports</i> , 2018, 8, 15561.	3.3	38
4	Direct simulation of pore-scale two-phase visco-capillary flow on large digital rock images using a phase-field lattice Boltzmann method on general-purpose graphics processing units. <i>Computational Geosciences</i> , 2019, 23, 849-880.	2.4	38
5	Prediction of fluid topology and relative permeability in imbibition in sandstone rock by direct numerical simulation. <i>Advances in Water Resources</i> , 2018, 122, 49-59.	3.8	37
6	Pore-filling events in single junction micro-models with corresponding lattice Boltzmann simulations. <i>Journal of Fluid Mechanics</i> , 2017, 824, 550-573.	3.4	31
7	Viscous fingering at ultralow interfacial tension. <i>Soft Matter</i> , 2013, 9, 10599.	2.7	24
8	Multiphase-Flow and Reactive-Transport Validation Studies at the Pore Scale by Use of Lattice Boltzmann Computer Simulations. <i>SPE Journal</i> , 2017, 22, 940-949.	3.1	21
9	Pore-scale Modeling of Drainage Displacement Patterns in Association With Geological Sequestration of CO ₂ . <i>Water Resources Research</i> , 2020, 56, e2019WR026332.	4.2	10
10	Multiphase Flow and Reactive Transport at the Pore Scale Using Lattice-Boltzmann Computer Simulations. , 2014, , .		1