

Konstantin Kutscher

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2921459/publications.pdf>

Version: 2024-02-01

9
papers

100
citations

1684188
5
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	A Direct Effective Viscosity Approach for Modeling and Simulating Bingham Fluids with the Cumulant Lattice Boltzmann Method. Open Journal of Fluid Dynamics, 2021, 11, 34-54.	0.5	1
2	Massively Parallel Lattice Boltzmann Simulations of Turbulent Flow over and Inside Porous Media. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2021, , 513-527.	0.3	1
3	Multiscale simulation of turbulent flow interacting with porous media based on a massively parallel implementation of the cumulant lattice Boltzmann method. Computers and Fluids, 2019, 193, 103733.	2.5	31
4	VALIDATION OF A VRANS-MODEL FOR TURBULENT FLOW OVER A POROUS FLAT PLATE BY CUMULANT LATTICE BOLTZMANN DNS/LES AND EXPERIMENTS. Journal of Porous Media, 2018, 21, 471-482.	1.9	8
5	A HIERARCHICAL APPROACH TO DETERMINING ACOUSTIC ABSORPTION PROPERTIES OF POROUS MEDIA COMBINING PORE-RESOLVED AND MACROSCOPIC MODELS. Journal of Porous Media, 2018, 21, 83-100.	1.9	2
6	Implicit Large Eddy Simulation of Flow in a Micro-Orifice with the Cumulant Lattice Boltzmann Method. Computation, 2017, 5, 23.	2.0	13
7	Distributed cumulant lattice Boltzmann simulation of the dispersion process of ceramic agglomerates. Journal of Computational Methods in Sciences and Engineering, 2016, 16, 231-252.	0.2	16
8	Simulation of micro aggregate breakage in turbulent flows by the cumulant lattice Boltzmann method. Computers and Fluids, 2016, 140, 222-231.	2.5	28
9	PS5-4 CFD analyses for the flow in cancellous bone with LBM(PS5: Poster Short Presentation V,Poster) Tj ETQq1 1 Technology in Biomechanics, 2015, 2015.8, 302.	0.784314 0.0	rgBT /Over 0