

Feifei Qin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1974581/publications.pdf>

Version: 2024-02-01

25
papers

402
citations

623734

14
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Pore-scale simulation of drying in porous media using a hybrid lattice Boltzmann: pore network model. <i>Drying Technology</i> , 2022, 40, 719-734.	3.1	11
2	Droplet evaporation in finite-size systems: Theoretical analysis and mesoscopic modeling. <i>Physical Review E</i> , 2022, 105, 025101.	2.1	18
3	Pore-Scale Study on Convective Drying of Porous Media. <i>Langmuir</i> , 2022, 38, 6023-6035.	3.5	19
4	All-printed point-of-care immunosensing biochip for one drop blood diagnostics. <i>Lab on A Chip</i> , 2022, 22, 3008-3014.	6.0	7
5	A Dynamic Pore Network Model for Imbibition Simulation Considering Corner Film Flow. <i>Water Resources Research</i> , 2022, 58, .	4.2	6
6	Lattice Boltzmann modeling of heat conduction enhancement by colloidal nanoparticle deposition in microporous structures. <i>Physical Review E</i> , 2021, 103, 023311.	2.1	2
7	Spontaneous Imbibition in a Square Tube With Corner Films: Theoretical Model and Numerical Simulation. <i>Water Resources Research</i> , 2021, 57, e2020WR029190.	4.2	17
8	Three influential factors on colloidal nanoparticle deposition for heat conduction enhancement in 3D chip stacks. <i>Applied Thermal Engineering</i> , 2021, 187, 116585.	6.0	4
9	Self-Driven Multiplex Reaction: Reactant and Product Diffusion via a Transpiration-Inspired Capillary. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 22031-22039.	8.0	3
10	Lattice Boltzmann Modeling of Drying of Porous Media Considering Contact Angle Hysteresis. <i>Transport in Porous Media</i> , 2021, 140, 395-420.	2.6	23
11	Magnetic-actuated "capillary container" for versatile three-dimensional fluid interface manipulation. <i>Science Advances</i> , 2021, 7, .	10.3	19
12	Drying of porous materials at pore scale using lattice Boltzmann and pore network models. <i>Journal of Physics: Conference Series</i> , 2021, 2069, 012001.	0.4	1
13	Improved pore network models to simulate single-phase flow in porous media by coupling with lattice Boltzmann method. <i>Advances in Water Resources</i> , 2020, 145, 103738.	3.8	39
14	Evaporation Induced Spontaneous Microvortexes through Engineering of the Marangoni Flow. <i>Angewandte Chemie</i> , 2020, 132, 23892-23897.	2.0	1
15	Frontispiz: Non-Lithography Hydrodynamic Printing of Micro/Nanostructures on Curved Surfaces. <i>Angewandte Chemie</i> , 2020, 132, .	2.0	0
16	Evaporation Induced Spontaneous Microvortexes through Engineering of the Marangoni Flow. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23684-23689.	13.8	16
17	Frontispiece: Non-Lithography Hydrodynamic Printing of Micro/Nanostructures on Curved Surfaces. <i>Angewandte Chemie - International Edition</i> , 2020, 59, .	13.8	0
18	Non-Lithography Hydrodynamic Printing of Micro/Nanostructures on Curved Surfaces. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14234-14240.	13.8	17

#	ARTICLE	IF	CITATIONS
19	Non-Contact Lithography Hydrodynamic Printing of Micro/Nanostructures on Curved Surfaces. <i>Angewandte Chemie</i> , 2020, 132, 14340-14346.	2.0	0
20	Controlled 3D nanoparticle deposition by drying of colloidal suspension in designed thin micro-porous architectures. <i>International Journal of Heat and Mass Transfer</i> , 2020, 158, 120000.	4.8	23
21	Simulation of quasi-static drainage displacement in porous media on pore-scale: Coupling lattice Boltzmann method and pore network model. <i>Journal of Hydrology</i> , 2020, 588, 125080.	5.4	48
22	Tricoupled hybrid lattice Boltzmann model for nonisothermal drying of colloidal suspensions in micropore structures. <i>Physical Review E</i> , 2019, 99, 053306.	2.1	16
23	Study of non-isothermal liquid evaporation in synthetic micro-pore structures with hybrid lattice Boltzmann model. <i>Journal of Fluid Mechanics</i> , 2019, 866, 33-60.	3.4	53
24	LBM Simulation of Self-Assembly of Clogging Structures by Evaporation of Colloidal Suspension in 2D Porous Media. <i>Transport in Porous Media</i> , 2019, 128, 929-943.	2.6	17
25	Entropic multiple-relaxation-time multirange pseudopotential lattice Boltzmann model for two-phase flow. <i>Physics of Fluids</i> , 2018, 30, .	4.0	42