

# Jens Harting

## List of Publications by Citations

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150  
papers

3,582  
citations

34  
h-index

55  
g-index

160  
ext. papers

4,042  
ext. citations

4  
avg, IF

5.77  
L-index

#	Paper	IF	Citations
150	Multiphase lattice Boltzmann simulations for porous media applications. <i>Computational Geosciences</i> , <b>2016</b> , 20, 777-805	2.7	223
149	Experimental and numerical investigation of nanofluid forced convection inside a wide microchannel heat sink. <i>Applied Thermal Engineering</i> , <b>2012</b> , 36, 260-268	5.8	196
148	Eulerian-Eulerian two-phase numerical simulation of nanofluid laminar forced convection in a microchannel. <i>International Journal of Heat and Fluid Flow</i> , <b>2011</b> , 32, 107-116	2.4	192
147	Slip flow over structured surfaces with entrapped microbubbles. <i>Physical Review Letters</i> , <b>2008</b> , 100, 246001	7.4	159
146	From bijels to Pickering emulsions: a lattice Boltzmann study. <i>Physical Review E</i> , <b>2011</b> , 83, 046707	2.4	120
145	Simulation of claylike colloids. <i>Physical Review E</i> , <b>2005</b> , 72, 011408	2.4	110
144	Classification of phase transitions in small systems. <i>Physical Review Letters</i> , <b>2000</b> , 84, 3511-4	7.4	109
143	Implementation of on-site velocity boundary conditions for D3Q19 lattice Boltzmann simulations. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2010</b> , 2010, P01018	1.9	92
142	Roughness induced boundary slip in microchannel flows. <i>Physical Review Letters</i> , <b>2007</b> , 99, 176001	7.4	77
141	Effects of nanoparticles and surfactant on droplets in shear flow. <i>Soft Matter</i> , <b>2012</b> , 8, 6542	3.6	74
140	Lattice Boltzmann simulations of apparent slip in hydrophobic microchannels. <i>Europhysics Letters</i> , <b>2006</b> , 75, 328-334	1.6	67
139	Interplay of inertia and deformability on rheological properties of a suspension of capsules. <i>Journal of Fluid Mechanics</i> , <b>2014</b> , 751, 725-745	3.7	66
138	Large-scale lattice Boltzmann simulations of complex fluids: advances through the advent of computational Grids. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2005</b> , 363, 1895-915	3	63
137	Assembling ellipsoidal particles at fluid interfaces using switchable dipolar capillary interactions. <i>Advanced Materials</i> , <b>2014</b> , 26, 6715-9	24	56
136	Numerical simulations of complex fluid-fluid interface dynamics. <i>European Physical Journal: Special Topics</i> , <b>2013</b> , 222, 177-198	2.3	51
135	Random-roughness hydrodynamic boundary conditions. <i>Physical Review Letters</i> , <b>2010</b> , 105, 016001	7.4	51
134	How does confinement affect the dynamics of viscous vesicles and red blood cells?. <i>Soft Matter</i> , <b>2012</b> , 8, 9246	3.6	50

133	Two-dimensional vesicle dynamics under shear flow: effect of confinement. <i>Physical Review E</i> , <b>2011</b> , 83, 066319	2.4	49
132	Inversion of hematocrit partition at microfluidic bifurcations. <i>Microvascular Research</i> , <b>2016</b> , 105, 40-6	3.7	48
131	Lattice Boltzmann simulations in microfluidics: probing the no-slip boundary condition in hydrophobic, rough, and surface nanobubble laden microchannels. <i>Microfluidics and Nanofluidics</i> , <b>2010</b> , 8, 1	2.8	48
130	Lattice Boltzmann simulations of anisotropic particles at liquid interfaces. <i>Computers and Fluids</i> , <b>2013</b> , 80, 184-189	2.8	46
129	Tensorial slip of superhydrophobic channels. <i>Physical Review E</i> , <b>2012</b> , 85, 016324	2.4	44
128	Interplay between shell effects and electron correlations in quantum dots. <i>Physical Review B</i> , <b>2000</b> , 62, 10207-10211	3.3	43
127	Calculation of thermodynamic properties of finite Bose-Einstein systems. <i>Physical Review A</i> , <b>1999</b> , 60, 1519-1522	2.6	42
126	Soft particles at a fluid interface. <i>Soft Matter</i> , <b>2016</b> , 12, 1062-73	3.6	41
125	Colloids dragged through a polymer solution: Experiment, theory, and simulation. <i>Journal of Chemical Physics</i> , <b>2008</b> , 129, 084902	3.9	41
124	Inertial focusing of finite-size particles in microchannels. <i>Journal of Fluid Mechanics</i> , <b>2018</b> , 840, 613-630	3.7	40
123	Quantitative analysis of numerical estimates for the permeability of porous media from lattice-Boltzmann simulations. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2010</b> , 2010, P11026	3.9	40
122	Detachment energies of spheroidal particles from fluid-fluid interfaces. <i>Journal of Chemical Physics</i> , <b>2014</b> , 141, 154902	3.9	39
121	Contact Angle Determination in Multicomponent Lattice Boltzmann Simulations. <i>Communications in Computational Physics</i> , <b>2011</b> , 9, 1165-1178	2.4	39
120	Timescales of emulsion formation caused by anisotropic particles. <i>Soft Matter</i> , <b>2014</b> , 10, 4977-89	3.6	37
119	Simplified particulate model for coarse-grained hemodynamics simulations. <i>Physical Review E</i> , <b>2010</b> , 82, 056710	2.4	37
118	Classification of phase transitions of finite Bose-Einstein condensates in power-law traps by Fisher zeros. <i>Physical Review A</i> , <b>2001</b> , 64,	2.6	36
117	Steering in computational science: Mesoscale modelling and simulation. <i>Contemporary Physics</i> , <b>2003</b> , 44, 417-434	3.3	35
116	Large-scale grid-enabled lattice Boltzmann simulations of complex fluid flow in porous media and under shear. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2004</b> , 362, 1703-22	3	33

115	Interface deformations affect the orientation transition of magnetic ellipsoidal particles adsorbed at fluid-fluid interfaces. <i>Soft Matter</i> , <b>2014</b> , 10, 6742-8	3.6	32
114	Simulation of fluid flow in hydrophobic rough microchannels. <i>International Journal of Computational Fluid Dynamics</i> , <b>2008</b> , 22, 475-480	1.2	31
113	Shear viscosity of claylike colloids in computer simulations and experiments. <i>Physical Review E</i> , <b>2006</b> , 74, 021403	2.4	31
112	Hydrodynamic interactions induce anomalous diffusion under partial confinement. <i>Soft Matter</i> , <b>2014</b> , 10, 2945-8	3.6	29
111	Tunable dipolar capillary deformations for magnetic Janus particles at fluid-fluid interfaces. <i>Soft Matter</i> , <b>2015</b> , 11, 3581-8	3.6	29
110	Simulations of slip flow on nanobubble-laden surfaces. <i>Journal of Physics Condensed Matter</i> , <b>2011</b> , 23, 184106	1.8	29
109	Agglomeration and filtration of colloidal suspensions with DVLO interactions in simulation and experiment. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 349, 186-95	9.3	29
108	Direct Assembly of Magnetic Janus Particles at a Droplet Interface. <i>ACS Nano</i> , <b>2017</b> , 11, 11232-11239	16.7	28
107	Prediction of anomalous blood viscosity in confined shear flow. <i>Physical Review Letters</i> , <b>2014</b> , 112, 238304	9.4	27
106	LB3D: A parallel implementation of the Lattice-Boltzmann method for simulation of interacting amphiphilic fluids. <i>Computer Physics Communications</i> , <b>2017</b> , 217, 149-161	4.2	26
105	Forced transport of deformable containers through narrow constrictions. <i>Physical Review E</i> , <b>2014</b> , 90, 033006	2.4	26
104	Transport phenomena and structuring in shear flow of suspensions near solid walls. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2004</b> , 2004, P12003	1.9	26
103	Bio-inspired Acousto-magnetic Microswarm Robots with Upstream Motility. <i>Nature Machine Intelligence</i> , <b>2021</b> , 3, 116-124	22.5	26
102	Contact angle dependence on the fluid-wall dispersive energy. <i>Langmuir</i> , <b>2010</b> , 26, 10913-7	4	24
101	Flow past superhydrophobic surfaces with cosine variation in local slip length. <i>Physical Review E</i> , <b>2013</b> , 87, 023005	2.4	23
100	Emergence of rheological properties in lattice Boltzmann simulations of gyroid mesophases. <i>Europhysics Letters</i> , <b>2006</b> , 73, 533-539	1.6	23
99	Heat transfer by nanofluids in wavy microchannels. <i>Advanced Powder Technology</i> , <b>2018</b> , 29, 925-933	4.6	20
98	Complex dynamics of a bilamellar vesicle as a simple model for leukocytes. <i>Soft Matter</i> , <b>2013</b> , 9, 8057	3.6	20

97	From creeping to inertial flow in porous media: a lattice Boltzmann finite element study. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2013</b> , 2013, P02038	1.9	20
96	Setting the pace of microswimmers: when increasing viscosity speeds up self-propulsion. <i>New Journal of Physics</i> , <b>2017</b> , 19, 053024	2.9	19
95	Recent advances in the simulation of particle-laden flows. <i>European Physical Journal: Special Topics</i> , <b>2014</b> , 223, 2253-2267	2.3	19
94	Two-dimensional lattice Boltzmann simulations of vesicles with viscosity contrast. <i>Rheologica Acta</i> , <b>2016</b> , 55, 465-475	2.3	18
93	Controlled capillary assembly of magnetic Janus particles at fluid-fluid interfaces. <i>Soft Matter</i> , <b>2016</b> , 12, 6566-74	3.6	18
92	Dynamic wetting: status and prospective of single particle based experiments and simulations. <i>New Biotechnology</i> , <b>2015</b> , 32, 420-32	6.4	17
91	Domain and droplet sizes in emulsions stabilized by colloidal particles. <i>Physical Review E</i> , <b>2014</b> , 90, 042307	4.7	17
90	Order-disorder transition in nanoscopic semiconductor quantum rings. <i>Physical Review Letters</i> , <b>2001</b> , 86, 3120-3	7.4	17
89	Parallelised Hoshen-Kopelman algorithm for lattice-Boltzmann simulations. <i>Computer Physics Communications</i> , <b>2015</b> , 189, 92-98	4.2	16
88	Detection and tracking of defects in the gyroid mesophase. <i>Computer Physics Communications</i> , <b>2005</b> , 165, 97-109	4.2	16
87	Curvature estimation from a volume-of-fluid indicator function for the simulation of surface tension and wetting with a free-surface lattice Boltzmann method. <i>Physical Review E</i> , <b>2016</b> , 93, 043302	2.4	14
86	Diffusion dominated evaporation in multicomponent lattice Boltzmann simulations. <i>Journal of Chemical Physics</i> , <b>2017</b> , 146, 054111	3.9	13
85	Hydraulic properties of porous sintered glass bead systems. <i>Granular Matter</i> , <b>2017</b> , 19, 1	2.6	13
84	Hydro-micromechanical modeling of wave propagation in saturated granular crystals. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , <b>2019</b> , 43, 1115-1139	4	13
83	From Dot to Ring: The Role of Friction in the Deposition Pattern of a Drying Colloidal Suspension Droplet. <i>Langmuir</i> , <b>2018</b> , 34, 5303-5311	4	13
82	Micro-rheology on (polymer-grafted) colloids using optical tweezers. <i>Journal of Physics Condensed Matter</i> , <b>2011</b> , 23, 184114	1.8	12
81	Stress response and structural transitions in sheared gyroidal and lamellar amphiphilic mesophases: Lattice-Boltzmann simulations. <i>Physical Review E</i> , <b>2006</b> , 73, 031503	2.4	12
80	Stability diagram for dense suspensions of model colloidal Al <sub>2</sub> O <sub>3</sub> particles in shear flow. <i>Physical Review E</i> , <b>2007</b> , 75, 051404	2.4	12

79	Interplay between microdynamics and macrorheology in vesicle suspensions. <i>Soft Matter</i> , <b>2014</b> , 10, 4735-4742	3.4	11
78	Lattice-Boltzmann simulations of the drag force on a sphere approaching a superhydrophobic striped plane. <i>Journal of Chemical Physics</i> , <b>2014</b> , 140, 034707	3.9	11
77	Micro- and nanoscale fluid flow on chemical channels. <i>Soft Matter</i> , <b>2012</b> , 8, 9221	3.6	11
76	Anomalous distribution functions in sheared suspensions. <i>Europhysics Letters</i> , <b>2008</b> , 83, 30001	1.6	11
75	Active elastohydrodynamics of vesicles in narrow blind constrictions. <i>Physical Review Fluids</i> , <b>2017</b> , 2,	2.8	11
74	Insights from molecular dynamics simulations on structural organization and diffusive dynamics of an ionic liquid at solid and vacuum interfaces. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 553, 350-363	3.3	10
73	FORMATION AND GROWTH OF CLUSTERS IN COLLOIDAL SUSPENSIONS. <i>International Journal of Modern Physics C</i> , <b>2007</b> , 18, 501-510	1.1	10
72	Evaluation of Pressure Boundary Conditions for Permeability Calculations Using the Lattice-Boltzmann Method. <i>Advances in Applied Mathematics and Mechanics</i> , <b>2010</b> , 2, 685-700	2.1	10
71	Optimal motion of triangular magnetocapillary swimmers. <i>Journal of Chemical Physics</i> , <b>2019</b> , 151, 124703	3.9	10
70	Self-Similar Liquid Lens Coalescence. <i>Physical Review Letters</i> , <b>2020</b> , 124, 194502	7.4	9
69	Mesosopic electrohydrodynamic simulations of binary colloidal suspensions. <i>Journal of Chemical Physics</i> , <b>2018</b> , 148, 144101	3.9	9
68	Desorption energy of soft particles from a fluid interface. <i>Soft Matter</i> , <b>2020</b> , 16, 8655-8666	3.6	9
67	Capillary assemblies in a rotating magnetic field. <i>Soft Matter</i> , <b>2019</b> , 15, 9093-9103	3.6	9
66	A phase-field model for the evaporation of thin film mixtures. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 6638-6652	3.6	8
65	Structural transitions and arrest of domain growth in sheared binary immiscible fluids and microemulsions. <i>Physical Review E</i> , <b>2007</b> , 75, 041504	2.4	8
64	Blood Crystal: Emergent Order of Red Blood Cells Under Wall-Confined Shear Flow. <i>Physical Review Letters</i> , <b>2018</b> , 120, 268102	7.4	8
63	The effect of the liquid layer thickness on the dissolution of immersed surface droplets. <i>Soft Matter</i> , <b>2019</b> , 15, 6461-6468	3.6	7
62	Rotational behaviour of red blood cells in suspension: a mesoscale simulation study. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2011</b> , 369, 2337-44	3	7

61	Inertial migration of oblate spheroids in a plane channel. <i>Physics of Fluids</i> , <b>2020</b> , 32, 112017	4.4	7
60	Modeling of capillary-driven flows in axisymmetric geometries. <i>Computers and Fluids</i> , <b>2019</b> , 178, 132-140.	2.8	7
59	Direct simulation of liquid-gas-solid flow with a free surface lattice Boltzmann method. <i>International Journal of Computational Fluid Dynamics</i> , <b>2017</b> , 31, 463-475	1.2	6
58	Quantification of the performance of chaotic micromixers on the basis of finite time Lyapunov exponents. <i>Microfluidics and Nanofluidics</i> , <b>2012</b> , 13, 19-27	2.8	6
57	On the effect of surfactant adsorption and viscosity change on apparent slip in hydrophobic microchannels. <i>Progress in Computational Fluid Dynamics</i> , <b>2008</b> , 8, 197	0.7	6
56	Controllable Capillary Assembly of Magnetic Ellipsoidal Janus Particles into Tunable Rings, Chains and Hexagonal Lattices. <i>Advanced Materials</i> , <b>2021</b> , 33, e2006390	2.4	6
55	Effect of body deformability on microswimming. <i>Soft Matter</i> , <b>2017</b> , 13, 3984-3993	3.6	5
54	Role of the Interplay between Spinodal Decomposition and Crystal Growth in the Morphological Evolution of Crystalline Bulk Heterojunctions. <i>Energy Technology</i> , <b>2020</b> , 8, 1901468	3.5	5
53	Hydrodynamic interactions in active colloidal crystal microrheology. <i>Physical Review E</i> , <b>2012</b> , 86, 057302	2.4	5
52	Computational steering of cluster formation in Brownian suspensions. <i>Computers and Mathematics With Applications</i> , <b>2009</b> , 58, 995-1002	2.7	5
51	Optimal cell transport in straight channels and networks. <i>Physical Review Fluids</i> , <b>2018</b> , 3,	2.8	5
50	Inertial migration of neutrally buoyant particles in superhydrophobic channels. <i>Physical Review Fluids</i> , <b>2020</b> , 5,	2.8	5
49	Lattice Boltzmann method for thin-liquid-film hydrodynamics. <i>Physical Review E</i> , <b>2019</b> , 100, 033313	2.4	5
48	Effect of temperature difference between channel walls on the heat transfer characteristics of nanoscale-confined gas. <i>International Journal of Thermal Sciences</i> , <b>2019</b> , 137, 13-25	4.1	5
47	Mesoscale simulation of soft particles with tunable contact angle in multicomponent fluids. <i>Physical Review E</i> , <b>2019</b> , 100, 033309	2.4	4
46	Numerical simulations of self-diffusiophoretic colloids at fluid interfaces. <i>Soft Matter</i> , <b>2020</b> , 16, 3536-3547	3.7	4
45	Interplay of confinement and density on the heat transfer characteristics of nanoscale-confined gas. <i>International Journal of Heat and Mass Transfer</i> , <b>2018</b> , 126, 331-341	4.9	4
44	Multi Relaxation Time Lattice Boltzmann Simulations of Multiple Component Fluid Flows in Porous Media <b>2013</b> , 39-49		4

43	Simulations of Blood Flow in Plain Cylindrical and Constricted Vessels with Single Cell Resolution. <i>Macromolecular Theory and Simulations</i> , <b>2011</b> , 20, 562-570	1.5	4
42	Effect of wall stiffness, mass and potential interaction strength on heat transfer characteristics of nanoscale-confined gas. <i>International Journal of Heat and Mass Transfer</i> , <b>2020</b> , 147, 118929	4.9	4
41	A general perturbative approach for bead-based microswimmers reveals rich self-propulsion phenomena. <i>New Journal of Physics</i> , <b>2019</b> , 21, 113017	2.9	4
40	Strict Equivalence between Maxwell-Stefan and Fast-Mode Theory for Multicomponent Polymer Mixtures. <i>Macromolecules</i> , <b>2019</b> , 52, 6035-6044	5.5	3
39	Toward a continuum model for particle-induced velocity fluctuations in suspension flow through a stenosed geometry. <i>International Journal of Modern Physics C</i> , <b>2014</b> , 25, 1441013	1.1	3
38	Squeezing multiple soft particles into a constriction: Transition to clogging.. <i>Physical Review E</i> , <b>2021</b> , 104, 065101	2.4	3
37	Heat Conduction Characteristic of Rarefied Gas in Nanochannel. <i>Journal of Applied Fluid Mechanics</i> , <b>2020</b> , 13, 1-13	1.5	3
36	Catalytic flow with a coupled finite difference $\square$ lattice Boltzmann scheme. <i>Computer Physics Communications</i> , <b>2020</b> , 256, 107443	4.2	3
35	Capillary-bridge forces between solid particles: Insights from lattice Boltzmann simulations. <i>AIChE Journal</i> , <b>2021</b> , 67, e17350	3.6	3
34	Interplay of wall force field and wall physical characteristics on interfacial phenomena of a nano-confined gas medium. <i>International Journal of Thermal Sciences</i> , <b>2020</b> , 153, 106394	4.1	3
33	Probing sedimentation non-ideality of particulate systems using analytical centrifugation. <i>Soft Matter</i> , <b>2021</b> , 17, 2803-2814	3.6	3
32	Transport of neutral and charged nanorods across varying-section channels. <i>Soft Matter</i> , <b>2021</b> , 17, 2062-2070	3.7	3
31	Lattice Boltzmann simulations of liquid film drainage between smooth surfaces. <i>IMA Journal of Applied Mathematics</i> , <b>2011</b> , 76, 761-773	1	2
30	Computer Simulation of Particle Suspensions <b>2006</b> , 113-143		2
29	Structural characterization of an ionic liquid in bulk and in nano-confined environment using data from MD simulations. <i>Data in Brief</i> , <b>2020</b> , 28, 104794	1.2	2
28	Capillary interactions between soft capsules protruding through thin fluid films. <i>Soft Matter</i> , <b>2020</b> , 16, 10910-10920	3.6	2
27	Equilibrium Orientation and Adsorption of an Ellipsoidal Janus Particle at a Fluid-Fluid Interface. <i>Colloids and Interfaces</i> , <b>2020</b> , 4, 55	3	2
26	How antagonistic salts cause nematic ordering and behave like diblock copolymers. <i>Journal of Chemical Physics</i> , <b>2019</b> , 150, 064912	3.9	2



25	Structure and rheology of suspensions of spherical strain-hardening capsules. <i>Journal of Fluid Mechanics</i> , <b>2021</b> , 911,	3.7	2
24	Thermally induced stress in a nanoconfined gas medium. <i>Journal of Molecular Modeling</i> , <b>2020</b> , 26, 180	2	1
23	Mesoscale Simulations of Janus Particles and Deformable Capsules in Flow <b>2018</b> , 369-385		1
22	Mesoscale Simulations of Anisotropic Particles at Fluid-Fluid Interfaces <b>2016</b> , 565-577		1
21	Capillary Interactions: Assembling Ellipsoidal Particles at Fluid Interfaces Using Switchable Dipolar Capillary Interactions (Adv. Mater. 39/2014). <i>Advanced Materials</i> , <b>2014</b> , 26, 6800-6800	24	1
20	Numerical Modeling of Fluid Flow in Porous Media and in Driven Colloidal Suspensions <b>2009</b> , 349-363		1
19	Phase-Field Simulation of Liquid-Vapor Equilibrium and Evaporation of Fluid Mixtures. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 55988-56003	9.5	1
18	Two-dimensional Cahn-Hilliard simulations for coarsening kinetics of spinodal decomposition in binary mixtures. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 24823-24833	3.6	1
17	Optimization of Chaotic Micromixers Using Finite Time Lyapunov Exponents <b>2012</b> , 325-336		1
16	Scallop Theorem and Swimming at the Mesoscale. <i>Physical Review Letters</i> , <b>2021</b> , 126, 224501	7.4	1
15	Monolayer Structures of Supramolecular Antagonistic Salt Aggregates. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 2351-2359	3.4	1
14	Phoretic colloids close to and trapped at fluid interfaces. <i>ChemNanoMat</i> , <b>2021</b> , 7, 1073	3.5	1
13	Lattice Boltzmann simulations of drying suspensions of soft particles. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2021</b> , 379, 20200399	3	1
12	Instability of particle inertial migration in shear flow. <i>Physics of Fluids</i> , <b>2021</b> , 33, 092008	4.4	1
11	Capillary Interactions, Aggregate Formation, and the Rheology of Particle-Laden Flows: A Lattice Boltzmann Study. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2022</b> , 61, 1863-1870	3.9	0
10	Regimes of motion of magnetocapillary swimmers. <i>European Physical Journal E</i> , <b>2021</b> , 44, 59	1.5	0
9	Lattice Boltzmann simulations of stochastic thin film dewetting. <i>Physical Review E</i> , <b>2021</b> , 104, 034801	2.4	0
8	Mesoscale Simulations of Fluid-Fluid Interfaces <b>2015</b> , 545-558		

- 7 Simulations of Particle Suspensions at the Institute for Computational Physics **2007**, 83-92
- 6 Rheological Properties of Binary and Ternary Amphiphilic Fluid Mixtures **2007**, 355-364
- 5 Lattice Boltzmann Simulations of Microemulsions and Binary Immiscible Fluids Under Shear **2008**, 457-470
- 4 Structural Transitions in Colloidal Suspensions **2008**, 45-65
- 3 Using Computational Steering to Explore the Parameter Space of Stability in a Suspension **2010**, 33-48
- 2 Simplified Models for Coarse-Grained Hemodynamics Simulations **2013**, 53-64
- 1 Direct numerical simulation of wave propagation in saturated random granular packings using coupled LBM-DEM. *EPJ Web of Conferences*, **2021**, 249, 14003 0.3