

Eric S G Shaqfeh

List of Publications by Year in descending order

Source: [//exaly.com/author-pdf/1552742/publications.pdf](https://exaly.com/author-pdf/1552742/publications.pdf)

Version: 2024-02-01

147
papers

6,849
citations

60835

43
h-index

67958

78
g-index

150
all docs

150
docs citations

150
times ranked

4139
citing authors

#	ARTICLE	IF	CITATIONS
1	Stresslet in a dilute suspension of rigid spheres in an Oldroyd-B fluid. <i>Physical Review Fluids</i> , 2024, 9, .	2.6	0
2	Growing three-dimensional objects with light. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2024, 121, .	7.6	1
3	High-resolution stereolithography: Negative spaces enabled by control of fluid mechanics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2024, 121, .	7.6	0
4	Rheology of non-Brownian particle suspensions in viscoelastic solutions. Part II: Effect of a shear thinning suspending fluid. <i>Journal of Rheology</i> , 2023, 67, 517-540.	2.7	7
5	Rheology of non-Brownian particle suspensions in viscoelastic solutions. Part 1: Effect of the polymer concentration. <i>Journal of Rheology</i> , 2023, 67, 499-516.	2.7	6
6	ParafLOW: A Computational Design Tool for Support-free Multimaterial 3D Printing. , 2023, , .		2
7	Printing atom-efficiently: faster fabrication of farther unsupported overhangs by fluid dynamics simulation. , 2023, , .		1
8	Palette-PrintAR: an augmented reality fluidic design tool for multicolor resin 3D printing. , 2023, , .		0
9	A freely suspended robotic swimmer propelled by viscoelastic normal stresses. <i>Journal of Fluid Mechanics</i> , 2022, 944, .	3.5	9
10	Particle Suspensions in Viscoelastic Fluids: Freely Suspended, Passive, and Active Matter. , 2022, , 8-1-8-34.		0
11	Injection continuous liquid interface production of 3D objects. <i>Science Advances</i> , 2022, 8, .	10.9	48
12	Single-digit-micrometer-resolution continuous liquid interface production. <i>Science Advances</i> , 2022, 8, .	10.9	22
13	A theory for the coexistence of coiled and stretched configurational phases in the extensional flow of entangled polymer melts. <i>Journal of Chemical Physics</i> , 2021, 154, 204907.	3.1	2
14	Self-propulsion of a freely suspended swimmer by a swirling tail in a viscoelastic fluid. <i>Physical Review Fluids</i> , 2021, 6, .	2.6	24
15	Transient and steady shear rheology of particle-laden viscoelastic suspensions. <i>Journal of Rheology</i> , 2021, 65, 1269-1295.	2.7	10
16	Swimming with swirl in a viscoelastic fluid. <i>Journal of Fluid Mechanics</i> , 2020, 900, .	3.5	26
17	A system for the high-throughput measurement of the shear modulus distribution of human red blood cells. <i>Lab on A Chip</i> , 2020, 20, 2927-2936.	6.1	21
18	Oscillatory spontaneous dimpling in evaporating curved thin films. <i>Journal of Fluid Mechanics</i> , 2020, 889, .	3.5	8

#	ARTICLE	IF	CITATIONS
19	Lift and drag force on a spherical particle in a viscoelastic shear flow. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2020, 280, 104279.	2.4	25
20	Extravasation of PEGylated Spherical Nanoparticles through a Circular Pore of Similar Size. <i>Macromolecules</i> , 2020, 53, 2991-3006.	5.1	1
21	Collective effects in the sedimentation of particles in a viscoelastic fluid. <i>Physical Review Fluids</i> , 2020, 5, .	2.6	9
22	Three-dimensional simulations of undulatory and amoeboid swimmers in viscoelastic fluids. <i>Soft Matter</i> , 2019, 15, 4836-4855.	2.8	13
23	In Vitro Measurement and Modeling of Platelet Adhesion on VWF-Coated Surfaces in Channel Flow. <i>Biophysical Journal</i> , 2019, 116, 1136-1151.	0.5	16
24	On the rheology of particle suspensions in viscoelastic fluids. <i>AIChE Journal</i> , 2019, 65, e16575.	3.6	36
25	Pressure-driven flow of a vesicle through a square microchannel. <i>Journal of Fluid Mechanics</i> , 2019, 861, 447-483.	3.5	9
26	Evaporation-driven solutocapillary flow of thin liquid films over curved substrates. <i>Physical Review Fluids</i> , 2019, 4, .	2.6	14
27	Drag coefficient for a sedimenting and rotating sphere in a viscoelastic fluid. <i>Physical Review Fluids</i> , 2019, 4, .	2.6	17
28	Extensional rheology of a dilute particle-laden viscoelastic solution. <i>Physical Review Fluids</i> , 2019, 4, .	2.6	8
29	Taylor dispersion in the presence of cross flow and interfacial mass transfer. <i>Physical Review Fluids</i> , 2019, 4, .	2.6	9
30	Simulation of microparticle inhalation in rhesus monkey airways. <i>Physical Review Fluids</i> , 2019, 4, .	2.6	2
31	Suspension flow through an asymmetric T-junction. <i>Journal of Fluid Mechanics</i> , 2018, 844, 247-273.	3.5	10
32	Effect of Length on the Dynamics of Wall Tethered Polymers in Shear Flow. <i>Macromolecules</i> , 2018, 51, 254-265.	5.1	4
33	The steady motion of a closely fitting vesicle in a tube. <i>Journal of Fluid Mechanics</i> , 2018, 835, 721-761.	3.5	15
34	Immersed-finite-element method for deformable particle suspensions in viscous and viscoelastic media. <i>Physical Review E</i> , 2018, 98, .	2.1	31
35	Mechanism of shear thickening in suspensions of rigid spheres in Boger fluids. Part I: Dilute suspensions. <i>Journal of Rheology</i> , 2018, 62, 1363-1377.	2.7	31
36	Mechanism of shear thickening in suspensions of rigid spheres in Boger fluids. Part II: Suspensions at finite concentration. <i>Journal of Rheology</i> , 2018, 62, 1379-1396.	2.7	35

#	ARTICLE	IF	CITATIONS
37	Extravasation of Brownian Spheroidal Nanoparticles through Vascular Pores. <i>Biophysical Journal</i> , 2018, 115, 1103-1115.	0.5	22
38	Stokes flow of vesicles in a circular tube. <i>Journal of Fluid Mechanics</i> , 2018, 851, 606-635.	3.5	11
39	Einstein viscosity with fluid elasticity. <i>Physical Review Fluids</i> , 2018, 3, .	2.6	41
40	Fully resolved viscoelastic particulate simulations using unstructured grids. <i>Journal of Computational Physics</i> , 2017, 338, 313-338.	3.9	39
41	Heat/mass transport in shear flow over a reactive surface with inert defects. <i>Journal of Fluid Mechanics</i> , 2017, 811, 372-399.	3.5	4
42	Study of the flow unsteadiness in the human airway using large eddy simulation. <i>Physical Review Fluids</i> , 2017, 2, .	2.6	21
43	Theory to predict particle migration and margination in the pressure-driven channel flow of blood. <i>Physical Review Fluids</i> , 2017, 2, .	2.6	54
44	Growth of viscoelastic wings and the reduction of particle mobility in a viscoelastic shear flow. <i>Physical Review Fluids</i> , 2017, 2, .	2.6	8
45	The Effect of Hematocrit on Platelet Adhesion: Experiments and Simulations. <i>Biophysical Journal</i> , 2016, 111, 577-588.	0.5	61
46	Experimental observation of the asymmetric instability of intermediate-reduced-volume vesicles in extensional flow. <i>Soft Matter</i> , 2016, 12, 3787-3796.	2.8	34
47	Numerical simulation of the deterministic vector separation of particles flowing over slanted open cavities. <i>Physical Review Fluids</i> , 2016, 1, .	2.6	0
48	Pearling, wrinkling, and buckling of vesicles in elongational flows. <i>Journal of Fluid Mechanics</i> , 2015, 777, 1-26.	3.5	44
49	Heat/mass transport in shear flow over a heterogeneous surface with first-order surface-reactive domains. <i>Journal of Fluid Mechanics</i> , 2015, 782, 260-299.	3.5	12
50	In Vitro Measurement of Particle Margination in the Microchannel Flow: Effect of Varying Hematocrit. <i>Biophysical Journal</i> , 2015, 108, 2601-2608.	0.5	52
51	Examining platelet adhesion via Stokes flow simulations and microfluidic experiments. <i>Soft Matter</i> , 2015, 11, 355-367.	2.8	15
52	Singular perturbation theory for predicting extravasation of Brownian particles. <i>Journal of Engineering Mathematics</i> , 2014, 84, 155-171.	1.2	3
53	Loop subdivision surface boundary integral method simulations of vesicles at low reduced volume ratio in shear and extensional flow. <i>Physics of Fluids</i> , 2014, 26, .	3.9	24
54	The mechanism of shape instability for a vesicle in extensional flow. <i>Journal of Fluid Mechanics</i> , 2014, 750, 144-190.	3.5	29

#	ARTICLE	IF	CITATIONS
55	Nonlinear instability of a supersonic boundary layer with two-dimensional roughness. Journal of Fluid Mechanics, 2014, 752, 497-520.	3.5	12
56	Coarse-grained theory to predict the concentration distribution of red blood cells in wall-bounded Couette flow at zero Reynolds number. Physics of Fluids, 2013, 25, 061901.	3.9	33
57	The dynamics of a non-dilute vesicle suspension in a simple shear flow. Journal of Fluid Mechanics, 2013, 725, 709-731.	3.5	48
58	The shape stability of a lipid vesicle in a uniaxial extensional flow. Journal of Fluid Mechanics, 2013, 719, 345-361.	3.5	35
59	A Conversation with Andreas Acrivos. Annual Review of Chemical and Biomolecular Engineering, 2013, 4, 1-21.	7.2	4
60	Buckling transitions of an elastic filament in a viscous stagnation point flow. Physics of Fluids, 2012, 24, .	3.9	40
61	Effects of viscoelasticity in the high Reynolds number cylinder wake. Journal of Fluid Mechanics, 2012, 693, 297-318.	3.5	23
62	Flow of power-law fluids in fixed beds of cylinders or spheres. Journal of Fluid Mechanics, 2012, 713, 491-527.	3.5	8
63	Shear-induced particle migration and margination in a cellular suspension. Physics of Fluids, 2012, 24, .	3.9	160
64	Shear-induced platelet margination in a microchannel. Physical Review E, 2011, 83, 061924.	2.1	117
65	The Shear Flow Processing of Controlled DNA Tethering and Stretching for Organic Molecular Electronics. ACS Nano, 2011, 5, 275-282.	15.3	11
66	The dynamics of a vesicle in a wall-bound shear flow. Physics of Fluids, 2011, 23, .	3.9	52
67	Numerical Simulation of Polymer Injection in Turbulent Flow Past a Circular Cylinder. Journal of Fluids Engineering, Transactions of the ASME, 2011, 133, .	1.6	2
68	The dynamics of a vesicle in simple shear flow. Journal of Fluid Mechanics, 2011, 674, 578-604.	3.5	106
69	Floquet stability analysis of viscoelastic flow over a cylinder. Journal of Non-Newtonian Fluid Mechanics, 2011, 166, 554-565.	2.4	21
70	A computational study of the influence of viscoelasticity on the interfacial dynamics of dip coating flow. Journal of Non-Newtonian Fluid Mechanics, 2011, 166, 614-627.	2.4	16
71	Disturbance evolution in a Mach 4.8 boundary layer with two-dimensional roughness-induced separation and shock. Journal of Fluid Mechanics, 2010, 648, 435-469.	3.5	63
72	Simulations of three-dimensional viscoelastic flows past a circular cylinder at moderate Reynolds numbers. Journal of Fluid Mechanics, 2010, 651, 415-442.	3.5	83

#	ARTICLE	IF	CITATIONS
73	Lateral drift and concentration instability in a suspension of bubbles induced by Marangoni stresses at zero Reynolds number. <i>Physics of Fluids</i> , 2010, 22, 101702.	3.9	10
74	Effect of Solvent Quality on the Coil~Stretch Transition. <i>Macromolecules</i> , 2010, 43, 10679-10691.	5.1	35
75	The conformational dynamics of λ -DNA in the anti-Brownian electrokinetic trap: Brownian dynamics and Monte Carlo simulation. <i>Journal of Chemical Physics</i> , 2009, 131, 224905.	3.1	3
76	Experimental and Numerical Studies of Tethered DNA Shear Dynamics in the Flow-Gradient Plane. <i>Macromolecules</i> , 2009, 42, 9170-9182.	5.1	23
77	Slip-Link Simulations of Entangled, Finitely Extensible, Wormlike Chains in Shear Flow. <i>Macromolecules</i> , 2009, 42, 7168-7183.	5.1	16
78	The effect of Brownian motion on the stability of sedimenting suspensions of polarizable rods in an electric field. <i>Journal of Fluid Mechanics</i> , 2009, 624, 361-388.	3.5	12
79	Brownian demixing and wall effects in sedimenting suspensions of orientable particles. <i>Physical Review E</i> , 2008, 78, 055301.	2.1	2
80	Ergodicity-breaking and the unraveling dynamics of a polymer in linear and nonlinear extensional flows. <i>Journal of Rheology</i> , 2007, 51, 561-574.	2.7	12
81	The dynamics of the coil-stretch transition for long, flexible polymers in planar mixed flows. <i>Journal of Rheology</i> , 2007, 51, 947-969.	2.7	15
82	Dynamics of DNA Polymers in Post Arrays:~Comparison of Single Molecule Experiments and Simulations. <i>Macromolecules</i> , 2007, 40, 3848-3859.	5.1	33
83	The Individualistic Dynamics of Entangled DNA in Solution. <i>Macromolecules</i> , 2007, 40, 2461-2476.	5.1	102
84	Direct numerical simulation of polymer-induced drag reduction in turbulent boundary layer flow of inhomogeneous polymer solutions. <i>Journal of Fluid Mechanics</i> , 2006, 566, 153.	3.5	56
85	Hydrodynamic interactions in the induced-charge electrophoresis of colloidal rod dispersions. <i>Journal of Fluid Mechanics</i> , 2006, 563, 223.	3.5	107
86	Effect of flexibility on the shear-induced migration of short-chain polymers in parabolic channel flow. <i>Journal of Fluid Mechanics</i> , 2006, 557, 297.	3.5	49
87	The growth of concentration fluctuations in dilute dispersions of orientable and deformable particles under sedimentation. <i>Journal of Fluid Mechanics</i> , 2006, 553, 347.	3.5	44
88	International Workshop on Mesoscale and Multiscale Description of Complex Fluids ~ IWMMCOF ~™06. <i>Applied Rheology</i> , 2006, 16, 340-341.	5.2	0
89	The effect of stratification on the wave number selection in the instability of sedimenting spheroids. <i>Physics of Fluids</i> , 2006, 18, 121503.	3.9	19
90	Stabilization of a suspension of sedimenting rods by induced-charge electrophoresis. <i>Physics of Fluids</i> , 2006, 18, 121701.	3.9	27

#	ARTICLE	IF	CITATIONS
91	A smooth particle-mesh Ewald algorithm for Stokes suspension simulations: The sedimentation of fibers. <i>Physics of Fluids</i> , 2005, 17, 033301.	3.9	140
92	An experimental and numerical investigation of drag reduction in a turbulent boundary layer using a rigid rodlike polymer. <i>Physics of Fluids</i> , 2005, 17, 085101.	3.9	43
93	The dynamic mechanism for turbulent drag reduction using rigid fibers based on Lagrangian conditional statistics. <i>Physics of Fluids</i> , 2005, 17, 063102.	3.9	30
94	Viscoelastic effects on interfacial dynamics in air-liquid displacement under gravity stabilization. <i>Journal of Fluid Mechanics</i> , 2005, 531, 59-83.	3.5	8
95	Dynamics of DNA in the Flow-Gradient Plane of Steady Shear Flow: Observations and Simulations. <i>Macromolecules</i> , 2005, 38, 1967-1978.	5.1	130
96	Shear Thinning and Tumbling Dynamics of Single Polymers in the Flow-Gradient Plane. <i>Macromolecules</i> , 2005, 38, 581-592.	5.1	160
97	Effect of Hydrodynamic Interactions on DNA Dynamics in Extensional Flow: Simulation and Single Molecule Experiment. <i>Macromolecules</i> , 2004, 37, 9242-9256.	5.1	159
98	Numerical simulation of turbulent drag reduction using rigid fibres. <i>Journal of Fluid Mechanics</i> , 2004, 518, 281-317.	3.5	89
99	On the coherent drag-reducing and turbulence-enhancing behaviour of polymers in wall flows. <i>Journal of Fluid Mechanics</i> , 2004, 514, 271-280.	3.5	224
100	On the polymer entropic force singularity and its relation to extensional stress relaxation and filament recoil. <i>Journal of Rheology</i> , 2004, 48, 209-221.	2.7	19
101	Shear Forces between Tethered Polymer Chains as a Function of Compression, Sliding Velocity, and Solvent Quality. <i>Macromolecules</i> , 2003, 36, 389-398.	5.1	107
102	Visualization of Molecular Fluctuations near the Critical Point of the Coil-Stretch Transition in Polymer Elongation. <i>Macromolecules</i> , 2003, 36, 4544-4548.	5.1	89
103	The configurational phase transitions of flexible polymers in planar mixed flows near simple shear. <i>Journal of Chemical Physics</i> , 2003, 119, 2908-2914.	3.1	22
104	Observation of Polymer Conformation Hysteresis in Extensional Flow. <i>Science</i> , 2003, 301, 1515-1519.	20.9	327
105	A computational study of DNA separations in sparse disordered and periodic arrays of posts. <i>Journal of Chemical Physics</i> , 2003, 118, 2941.	3.1	51
106	Dynamic simulations of the inhomogeneous sedimentation of rigid fibres. <i>Journal of Fluid Mechanics</i> , 2002, 468, 205-237.	3.5	103
107	An experimental and simulation study of dilute polymer solutions in exponential shear flow: Comparison to uniaxial and planar extensional flows. <i>Journal of Rheology</i> , 2001, 45, 321-349.	2.7	9
108	Dynamics of dilute and semidilute DNA solutions in the start-up of shear flow. <i>Journal of Rheology</i> , 2001, 45, 421-450.	2.7	136

#	ARTICLE	IF	CITATIONS
109	Electrophoresis of DNA Adsorbed to a Cationic Supported Bilayer. <i>Langmuir</i> , 2001, 17, 7396-7401.	3.7	40
110	Relating the Microscopic and Macroscopic Response of a Polymeric Fluid in a Shearing Flow. <i>Physical Review Letters</i> , 2000, 85, 2018-2021.	8.0	81
111	Observations of ribbing instabilities in elastic fluid flows with gravity stabilization. <i>Journal of Fluid Mechanics</i> , 1999, 399, 49-83.	3.5	29
112	Rheology of Polymer Brushes: A Brownian Dynamics Study. <i>Macromolecules</i> , 1998, 31, 5474-5486.	5.1	87
113	A numerical study of the sedimentation of fibre suspensions. <i>Journal of Fluid Mechanics</i> , 1998, 376, 149-182.	3.5	85
114	The conformation change of model polymers in stochastic flow fields: Flow through fixed beds. <i>Physics of Fluids</i> , 1997, 9, 1222-1234.	3.9	13
115	Drop breakup in the flow through fixed beds via stochastic simulation in model Gaussian fields. <i>Physics of Fluids</i> , 1997, 9, 3209-3226.	3.9	8
116	Dynamic simulation of freely draining flexible polymers in steady linear flows. <i>Journal of Fluid Mechanics</i> , 1997, 334, 251-291.	3.5	190
117	Cross-streamline migration of slender Brownian fibres in plane Poiseuille flow. <i>Journal of Fluid Mechanics</i> , 1997, 332, 23-39.	3.5	30
118	Oscillatory shear of a confined fiber suspension. <i>Journal of Rheology</i> , 1997, 41, 445-466.	2.7	8
119	Rheology of Wet Polymer Brushes via Brownian Dynamics Simulation: Steady vs Oscillatory Shear. <i>Physical Review Letters</i> , 1997, 78, 1182-1185.	8.0	62
120	A numerical study of the rheological properties of suspensions of rigid, non-Brownian fibres. <i>Journal of Fluid Mechanics</i> , 1996, 329, 155-186.	3.5	100
121	Experimental Investigation of the Sedimentation of a Dilute Fiber Suspension. <i>Physical Review Letters</i> , 1996, 77, 290-293.	8.0	83
122	The effect of hydrodynamic interactions on the orientation distribution in a fiber suspension subject to simple shear flow. <i>Physics of Fluids</i> , 1995, 7, 487-506.	3.9	119
123	A nonlocal theory for stress in bound, Brownian suspensions of slender, rigid fibres. <i>Journal of Fluid Mechanics</i> , 1995, 296, 271-324.	3.5	41
124	The extensional viscosity and effective thermal conductivity of a dispersion of aligned disks. <i>Physics of Fluids</i> , 1994, 6, 1955-1962.	3.9	7
125	Observations of polymer conformation during flow through a fixed fibre bed. <i>Journal of Fluid Mechanics</i> , 1994, 281, 319-356.	3.5	20
126	Observations of purely elastic instabilities in the Taylor-Dean flow of a Boger fluid. <i>Journal of Fluid Mechanics</i> , 1994, 262, 27-73.	3.5	72

#	ARTICLE	IF	CITATIONS
127	Effect of surface re-emission on the surface roughness of film growth in low pressure chemical vapor deposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1993, 11, 557-568.	2.2	21
128	The effects of inertia on the viscoelastic Dean and Taylor-Couette flow instabilities with application to coating flows. <i>Physics of Fluids A, Fluid Dynamics</i> , 1992, 4, 2415-2431.	1.6	57
129	Averaged equation and diagrammatic approximations to the average concentration of a tracer dispersed by a Gaussian random velocity field. <i>Physics of Fluids A, Fluid Dynamics</i> , 1992, 4, 887-894.	1.6	20
130	A purely elastic instability in Dean and Taylor-Couette flow. <i>Physics of Fluids A, Fluid Dynamics</i> , 1992, 4, 524-543.	1.6	93
131	Polymer stretch in dilute fixed beds of fibres or spheres. <i>Journal of Fluid Mechanics</i> , 1992, 244, 17.	3.5	20
132	The effects of gap width and dilute solution properties on the viscoelastic Taylor-Couette instability. <i>Journal of Fluid Mechanics</i> , 1992, 235, 285.	3.5	101
133	Viscoelastic Poiseuille flow through a curved channel: A new elastic instability. <i>Physics of Fluids A, Fluid Dynamics</i> , 1991, 3, 1691-1694.	1.6	35
134	Viscoelastic Poiseuille flow through a curved channel: A new elastic instability. <i>Physics of Fluids A, Fluid Dynamics</i> , 1991, 3, 2043-2046.	1.6	24
135	Observations of axisymmetric tracer particle orientation during flow through a dilute fixed bed of fibers. <i>Physics of Fluids A, Fluid Dynamics</i> , 1991, 3, 2516-2528.	1.6	12
136	Oriental dispersion of fibers in extensional flows. <i>Physics of Fluids A, Fluid Dynamics</i> , 1990, 2, 1077-1093.	1.6	44
137	The hydrodynamic stress in a suspension of rods. <i>Physics of Fluids A, Fluid Dynamics</i> , 1990, 2, 7-24.	1.6	271
138	A purely elastic instability in Taylor-Couette flow. <i>Journal of Fluid Mechanics</i> , 1990, 218, 573.	3.5	455
139	The average rotation rate of a fiber in the linear flow of a semidilute suspension. <i>Physics of Fluids A, Fluid Dynamics</i> , 1990, 2, 2093-2102.	1.6	41
140	Simulation of reactive ion etching pattern transfer. <i>Journal of Applied Physics</i> , 1989, 66, 4664-4675.	2.3	108
141	Factors controlling the etching rate and etching profile in the O ₂ reactive ion etching pattern transfer step in multilevel lithography. <i>Polymer Engineering and Science</i> , 1989, 29, 878-881.	3.1	10
142	The instability of a dispersion of sedimenting spheroids. <i>Journal of Fluid Mechanics</i> , 1989, 209, 521-542.	3.5	137
143	Heat and mass transport in composites of aligned slender fibers. <i>Physics of Fluids A, Fluid Dynamics</i> , 1989, 1, 3-20.	1.6	35
144	Nonlocal transport models of the self-consistent potential distribution in a plasma sheath with charge transfer collisions. <i>Journal of Applied Physics</i> , 1988, 64, 6200-6209.	2.3	31

#	ARTICLE	IF	CITATIONS
145	The combined effects of hydrodynamic interactions and Brownian motion on the orientation of particles flowing through fixed beds. <i>Physics of Fluids</i> , 1988, 31, 2769.	1.4	13
146	A nonlocal theory for the heat transport in composites containing highly conducting fibrous inclusions. <i>Physics of Fluids</i> , 1988, 31, 2405-2425.	1.4	31
147	Effect of elasticity on mixing torque requirements for rushton turbine impellers. <i>AIChE Journal</i> , 1984, 30, 485-486.	3.6	13