

Gerald Fuller

List of Publications by Year in descending order

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31976
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235
all docs

235
docs citations

235
times ranked

6794
citing authors

#	ARTICLE	IF	CITATIONS
1	A shape stability model for 3D printable biopolymer-bound soil composite. Construction and Building Materials, 2022, 321, 126337.	7.2	2
2	Dewetting characteristics of contact lenses coated with wetting agents. Journal of Colloid and Interface Science, 2022, 614, 24-32.	9.4	10
3	Interfacial Assembly of Graphene Oxide: From Super Elastic Interfaces to Liquidâ€“Liquid Printing. Advanced Materials Interfaces, 2022, 9, .	3.7	15
4	Interfacial Assembly of Graphene Oxide: From Super Elastic Interfaces to Liquidâ€“Liquid Printing (Adv.) Tj ETQq 0.0 rgBT ₁ /Overlock	3.7	1
5	Physicochemical characteristics of droplet interface bilayers. Advances in Colloid and Interface Science, 2022, 304, 102666.	14.7	11
6	A Mucin-Deficient Ocular Surface Mimetic Platform for Interrogating Drug Effects on Biolubrication, Antiadhesion Properties, and Barrier Functionality. ACS Applied Materials & Interfaces, 2022, 14, 18016-18030.	8.0	4
7	Systematic characterization of effect of flow rates and buffer compositions on double emulsion droplet volumes and stability. Lab on A Chip, 2022, 22, 2315-2330.	6.0	8
8	Influence of salt on the formation and separation of droplet interface bilayers. Physics of Fluids, 2022, 34, .	4.0	1
9	In-Use Interfacial Stability of Monoclonal Antibody Formulations Diluted in Saline i.v. Bags. Journal of Pharmaceutical Sciences, 2021, 110, 1687-1692.	3.3	25
10	Axisymmetry breaking, chaos, and symmetry recovery in bubble film thickness profiles due to evaporation-induced Marangoni flows. Physics of Fluids, 2021, 33, 012112.	4.0	7
11	10.1063/5.0035065.1. , 2021, , .		0
12	Surface energy and separation mechanics of droplet interface phospholipid bilayers. Journal of the Royal Society Interface, 2021, 18, 20200860.	3.4	5
13	Instability and symmetry breaking in binary evaporating thin films over a solid spherical dome. Journal of Fluid Mechanics, 2021, 915, .	3.4	3
14	Dynamics of freely suspended drops translating through miscible environments. Physics of Fluids, 2021, 33, 033106.	4.0	3
15	Adsorption and Aggregation of Monoclonal Antibodies at Silicone Oilâ€“Water Interfaces. Molecular Pharmaceutics, 2021, 18, 1656-1665.	4.6	22
16	Mucinâ€“Like Glycoproteins Modulate Interfacial Properties of a Mimetic Ocular Epithelial Surface. Advanced Science, 2021, 8, e2100841.	11.2	9
17	Engineering Insulin Cold Chain Resilience to Improve Global Access. Biomacromolecules, 2021, 22, 3386-3395.	5.4	12
18	Flowering in bursting bubbles with viscoelastic interfaces. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15

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19	Determining the yield stress of a Biopolymer-bound Soil Composite for extrusion-based 3D printing applications. <i>Construction and Building Materials</i> , 2021, 305, 124730.	7.2	5
20	Mechanical and microstructural insights of <i>Vibrio cholerae</i> and <i>Escherichia coli</i> dual-species biofilm at the air-liquid interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110786.	5.0	16
21	Single bubble and drop techniques for characterizing foams and emulsions. <i>Advances in Colloid and Interface Science</i> , 2020, 286, 102295.	14.7	28
22	Hyperspectral imaging for dynamic thin film interferometry. <i>Scientific Reports</i> , 2020, 10, 11378.	3.3	13
23	Understanding the adsorption and potential tear film stability properties of recombinant human lubricin and bovine submaxillary mucins in an in vitro tear film model. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 195, 111257.	5.0	17
24	Evaporation-induced Rayleigh–Taylor instabilities in polymer solutions. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190533.	3.4	6
25	Bubble Coalescence at Wormlike Micellar Solution–Air Interfaces. <i>Langmuir</i> , 2020, 36, 11836-11844.	3.5	11
26	The Froth Thickens. <i>Physics Magazine</i> , 2020, 13, .	0.1	0
27	Surfactant-laden bubble dynamics under porous polymer films. <i>Journal of Colloid and Interface Science</i> , 2020, 575, 298-305.	9.4	9
28	Asphaltene-induced spontaneous emulsification: Effects of interfacial co-adsorption and viscoelasticity. <i>Journal of Rheology</i> , 2020, 64, 799-816.	2.6	27
29	Viscoelastic interfaces comprising of cellulose nanocrystals and lauroyl ethyl arginate for enhanced foam stability. <i>Soft Matter</i> , 2020, 16, 3981-3990.	2.7	13
30	Tuning Corneal Epithelial Cell Adhesive Strength with Varying Crosslinker Content in Silicone Hydrogel Materials. <i>Translational Vision Science and Technology</i> , 2020, 9, 3.	2.2	5
31	Oscillatory spontaneous dimpling in evaporating curved thin films. <i>Journal of Fluid Mechanics</i> , 2020, 889, .	3.4	7
32	Perpendicular alignment of lymphatic endothelial cells in response to spatial gradients in wall shear stress. <i>Communications Biology</i> , 2020, 3, 57.	4.4	25
33	Foam stability in filtered lubricants containing antifoams. <i>Journal of Colloid and Interface Science</i> , 2020, 567, 1-9.	9.4	17
34	Polymeric-nanofluids stabilized emulsions: Interfacial versus bulk rheology. <i>Journal of Colloid and Interface Science</i> , 2020, 576, 252-263.	9.4	32
35	Unraveling <i>Escherichia coli</i> 's Cloak: Identification of Phosphoethanolamine Cellulose, Its Functions, and Applications. <i>Microbiology Insights</i> , 2019, 12, 117863611986523.	2.0	5
36	Evolution of rivulets during spreading of an impinging water jet on a rotating, precoated substrate. <i>Physics of Fluids</i> , 2019, 31, 082104.	4.0	3

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37	Carbon compositional analysis of hydrogel contact lenses by solid-state NMR spectroscopy. Solid State Nuclear Magnetic Resonance, 2019, 102, 47-52.	2.3	2
38	Binding partner- and force-promoted changes in β -catenin conformation probed by native cysteine labeling. Scientific Reports, 2019, 9, 15375.	3.3	20
39	Ablation of water drops suspended in asphaltene/heptol solutions due to spontaneous emulsification. Science Advances, 2019, 5, eaax8227.	10.3	19
40	Mechanical Properties of Solidifying Assemblies of Nanoparticle Surfactants at the Oil-Water Interface. Langmuir, 2019, 35, 13340-13350.	3.5	25
41	The influence of protein deposition on contact lens tear film stability. Colloids and Surfaces B: Biointerfaces, 2019, 180, 229-236.	5.0	24
42	Linking aggregation and interfacial properties in monoclonal antibody-surfactant formulations. Journal of Colloid and Interface Science, 2019, 550, 128-138.	9.4	61
43	Lymphatic endothelial cell calcium pulses are sensitive to spatial gradients in wall shear stress. Molecular Biology of the Cell, 2019, 30, 923-931.	2.1	7
44	Evaporation-driven solutocapillary flow of thin liquid films over curved substrates. Physical Review Fluids, 2019, 4, .	2.5	13
45	Spreading of rinsing liquids across a horizontal rotating substrate. Physical Review Fluids, 2019, 4, .	2.5	4
46	Monoclonal Antibody Interfaces: Dilatation Mechanics and Bubble Coalescence. Langmuir, 2018, 34, 630-638.	3.5	51
47	Phosphoethanolamine cellulose enhances curli-mediated adhesion of uropathogenic <i>Escherichia coli</i> to bladder epithelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10106-10111.	7.1	40
48	The shape evolution of liquid droplets in miscible environments. Journal of Fluid Mechanics, 2018, 852, 422-452.	3.4	9
49	Evaporation-induced foam stabilization in lubricating oils. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7919-7924.	7.1	43
50	Influence of interfacial elasticity on liquid entrainment in thin foam films. Physical Review Fluids, 2018, 3, .	2.5	18
51	Temperature controlled tensiometry using droplet microfluidics. Lab on A Chip, 2017, 17, 717-726.	6.0	29
52	Droplet Coalescence and Spontaneous Emulsification in the Presence of Asphaltene Adsorption. Langmuir, 2017, 33, 10501-10510.	3.5	66
53	DACH1 stimulates shear stress-guided endothelial cell migration and coronary artery growth through the CXCL12-CXCR4 signaling axis. Genes and Development, 2017, 31, 1308-1324.	5.9	77
54	Interfacial mechanisms for stability of surfactant-laden films. PLoS ONE, 2017, 12, e0175753.	2.5	35

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55	Instability and Breakup of Model Tear Films. , 2016, 57, 949.		35
56	Sphingosine 1-phosphate receptor 1 regulates the directional migration of lymphatic endothelial cells in response to fluid shear stress. Journal of the Royal Society Interface, 2016, 13, 20160823.	3.4	13
57	Interfacial dilatational deformation accelerates particle formation in monoclonal antibody solutions. Soft Matter, 2016, 12, 3293-3302.	2.7	57
58	Growth Kinetics and Mechanics of Hydrate Films by Interfacial Rheology. Langmuir, 2016, 32, 4203-4209.	3.5	21
59	Mechanical Behavior of a <i>Bacillus subtilis</i> Pellicle. Journal of Physical Chemistry B, 2016, 120, 6080-6088.	2.6	20
60	Dynamic fluid-film interferometry as a predictor of bulk foam properties. Soft Matter, 2016, 12, 9266-9279.	2.7	45
61	Impact of Compressibility on the Control of Bubble-Pressure Tensiometers. Langmuir, 2016, 32, 12031-12038.	3.5	10
62	Interfacial Rheology of Hydrogen-Bonded Polymer Multilayers Assembled at Liquid Interfaces: Influence of Anchoring Energy and Hydrophobic Interactions. Langmuir, 2016, 32, 6089-6096.	3.5	20
63	Nonmonotonic Elasticity of the Crude Oil–Brine Interface in Relation to Improved Oil Recovery. Langmuir, 2016, 32, 2192-2198.	3.5	134
64	Nanoscale Patterning of Extracellular Matrix Alters Endothelial Function under Shear Stress. Nano Letters, 2016, 16, 410-419.	9.1	50
65	Multiplexed Fluid Flow Device to Study Cellular Response to Tunable Shear Stress Gradients. Annals of Biomedical Engineering, 2016, 44, 2261-2272.	2.5	16
66	Spreading of miscible liquids. Physical Review Fluids, 2016, 1, .	2.5	8
67	Placing Marangoni instabilities under arrest. Physical Review Fluids, 2016, 1, .	2.5	2
68	Influence of Lipid Coatings on Surface Wettability Characteristics of Silicone Hydrogels. Langmuir, 2015, 31, 3820-3828.	3.5	15
69	Dewetting and deposition of thin films with insoluble surfactants from curved silicone hydrogel substrates. Journal of Colloid and Interface Science, 2015, 449, 428-435.	9.4	10
70	Multiphase flow of miscible liquids: jets and drops. Experiments in Fluids, 2015, 56, 1.	2.4	13
71	Integrated microfluidic platform for instantaneous flow and localized temperature control. RSC Advances, 2015, 5, 85620-85629.	3.6	15
72	Lung surfactants and different contributions to thin film stability. Soft Matter, 2015, 11, 8048-8057.	2.7	88

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73	Interplay of Hydrogen Bonding and Hydrophobic Interactions to Control the Mechanical Properties of Polymer Multilayers at the Oil-Water Interface. ACS Macro Letters, 2015, 4, 25-29.	4.8	28
74	Quantification of stromal vascular cell mechanics with a linear cell monolayer rheometer. Journal of Rheology, 2015, 59, 33-50.	2.6	5
75	Abstract 396: Nanoscale Extracellular Matrix Alters Endothelial Function Under Disturbed Flow. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	2.4	0
76	Corneal Cell Adhesion to Contact Lens Hydrogel Materials Enhanced via Tear Film Protein Deposition. PLoS ONE, 2014, 9, e105512.	2.5	15
77	Microvascular Endothelial Cells Migrate Upstream and Align Against the Shear Stress Field Created by Impinging Flow. Biophysical Journal, 2014, 106, 366-374.	0.5	79
78	Enhanced particle removal using viscoelastic fluids. Journal of Rheology, 2014, 58, 63-88.	2.6	7
79	Instabilities and elastic recoil of the two-fluid circular hydraulic jump. Experiments in Fluids, 2014, 55, 1.	2.4	6
80	Molecular Determinants of Mechanical Properties of V. Cholerae Biofilms at the Air-Liquid Interface. Biophysical Journal, 2014, 107, 2245-2252.	0.5	55
81	Influence of interfacial rheology on drainage from curved surfaces. Soft Matter, 2014, 10, 6917-6925.	2.7	59
82	Scaling analysis and mathematical theory of the interfacial stress rheometer. Journal of Rheology, 2014, 58, 999-1038.	2.6	23
83	Synthesis Route for the Self-Assembly of Submicrometer-Sized Colloidosomes with Tailorable Nanopores. Chemistry of Materials, 2013, 25, 3464-3471.	6.7	47
84	Spatial patterning of endothelium modulates cell morphology, adhesiveness and transcriptional signature. Biomaterials, 2013, 34, 2928-2937.	11.4	56
85	Thermoresponsiveness of PDMAEMA. Electrostatic and Stereochemical Effects. Macromolecules, 2013, 46, 2331-2340.	4.8	63
86	The modulation of endothelial cell morphology, function, and survival using anisotropic nanofibrillar collagen scaffolds. Biomaterials, 2013, 34, 4038-4047.	11.4	82
87	Tracking the interfacial dynamics of PNIPAM soft microgels particles adsorbed at the air-water interface and in thin liquid films. Rheologica Acta, 2013, 52, 445-454.	2.4	58
88	Disruption of Escherichia coli Amyloid-Integrated Biofilm Formation at the Air-Liquid Interface by a Polysorbate Surfactant. Langmuir, 2013, 29, 920-926.	3.5	32
89	3-Hydroxybutyric Acid Interacts with Lipid Monolayers at Concentrations That Impair Consciousness. Langmuir, 2013, 29, 1948-1955.	3.5	6
90	In-Situ Quantification of the Interfacial Rheological Response of Bacterial Biofilms to Environmental Stimuli. PLoS ONE, 2013, 8, e78524.	2.5	76

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91	Structural and Rheological Properties of Meibomian Lipid. , 2013, 54, 2720.		63
92	Role of shear-thinning on the dynamics of rinsing flow by an impinging jet. Physics of Fluids, 2012, 24, .	4.0	21
93	Temperature-Induced Transitions in the Structure and Interfacial Rheology of Human Meibum. Biophysical Journal, 2012, 102, 369-376.	0.5	51
94	Interfacial Rheology of Natural Silk Fibroin at Air/Water and Oil/Water Interfaces. Langmuir, 2012, 28, 459-467.	3.5	51
95	Interfacial and Fluorescence Studies on Stereoblock Poly(<i>N</i> -isopropylacryl amide)s. Langmuir, 2012, 28, 14792-14798.	3.5	9
96	Consequences of Interfacial Viscoelasticity on Thin Film Stability. Langmuir, 2012, 28, 14238-14244.	3.5	40
97	Aligned nanofibrillar collagen regulates endothelial organization and migration. Regenerative Medicine, 2012, 7, 649-661.	1.7	60
98	Quantitative Analysis of Amyloid-Integrated Biofilms Formed by Uropathogenic Escherichia coli at the Air-Liquid Interface. Biophysical Journal, 2012, 103, 464-471.	0.5	68
99	Extensional rheometry at interfaces: Analysis of the Cambridge Interfacial Tensiometer. Journal of Rheology, 2012, 56, 1225.	2.6	16
100	Molecular Structure of Interfacial Human Meibum Films. Langmuir, 2012, 28, 11858-11865.	3.5	42
101	Complex Fluid-Fluid Interfaces: Rheology and Structure. Annual Review of Chemical and Biomolecular Engineering, 2012, 3, 519-543.	6.8	258
102	Abstract 269: Collagen Topographical Patterning Modulates Endothelial Cell Morphology, Gene Expression and Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, .	2.4	0
103	Influence of surface rheology on dynamic wetting of droplets coated with insoluble surfactants. Soft Matter, 2011, 7, 7747.	2.7	15
104	Interfacial shear rheology of highly confined glassy polymers. Soft Matter, 2011, 7, 1994.	2.7	26
105	Editorial: dynamics and rheology of complex fluidâ€fluid interfaces. Soft Matter, 2011, 7, 7583.	2.7	15
106	Insertion Mechanism of a Poly(ethylene oxide)-poly(butylene oxide) Block Copolymer into a DPPC Monolayer. Langmuir, 2011, 27, 11444-11450.	3.5	23
107	Designing a tubular matrix of oriented collagen fibrils for tissue engineering. Acta Biomaterialia, 2011, 7, 2448-2456.	8.3	61
108	Role of fluid elasticity on the dynamics of rinsing flow by an impinging jet. Physics of Fluids, 2011, 23, .	4.0	24

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109	A double wall-ring geometry for interfacial shear rheometry. <i>Rheologica Acta</i> , 2010, 49, 131-144.	2.4	266
110	Charge Interaction between Particle-Laden Fluid Interfaces. <i>Langmuir</i> , 2010, 26, 3160-3164.	3.5	13
111	Thin Film Formation of Silica Nanoparticle/Lipid Composite Films at the Fluid~Fluid Interface. <i>Langmuir</i> , 2010, 26, 17867-17873.	3.5	18
112	Interfacial Flow Processing of Collagen. <i>Langmuir</i> , 2010, 26, 3514-3521.	3.5	22
113	The interfacial viscoelastic properties and structures of human and animal Meibomian lipids. <i>Experimental Eye Research</i> , 2010, 90, 598-604.	2.6	62
114	Liquid Crystalline Collagen: A Self-Assembled Morphology for the Orientation of Mammalian Cells. <i>Langmuir</i> , 2009, 25, 3200-3206.	3.5	65
115	Surface Rheology of a Polymer Monolayer: Effects of Polymer Chain Length and Compression Rate. <i>Langmuir</i> , 2009, 25, 7457-7464.	3.5	36
116	Isovaleric, Methylmalonic, and Propionic Acid Decrease Anesthetic EC50 in Tadpoles, Modulate Glycine Receptor Function, and Interact with the Lipid 1,2-Dipalmitoyl-Sn-Glycero-3-Phosphocholine. <i>Anesthesia and Analgesia</i> , 2009, 108, 1538-1545.	2.2	9
117	Interaction of human whole saliva and astringent dietary compounds investigated by interfacial shear rheology. <i>Food Hydrocolloids</i> , 2008, 22, 1068-1078.	10.7	96
118	Langmuir Monolayers of Straight-Chain and Branched Hexadecanol and Eicosanol Mixtures. <i>Langmuir</i> , 2008, 24, 14005-14014.	3.5	15
119	Effect of Lysozyme Adsorption on the Interfacial Rheology of DPPC and Cholesteryl Myristate Films. <i>Langmuir</i> , 2008, 24, 11728-11733.	3.5	36
120	Surface Rheology of Hydrophobically Modified PEG Polymers Associating with a Phospholipid Monolayer at the Air~Water Interface. <i>Langmuir</i> , 2008, 24, 4056-4064.	3.5	21
121	Analysis of the magnetic rod interfacial stress rheometer. <i>Journal of Rheology</i> , 2008, 52, 261-285.	2.6	136
122	Determining the mechanical response of particle-laden fluid interfaces using surface pressure isotherms and bulk pressure measurements of droplets. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 6344.	2.8	72
123	Mechanical Properties and Structure of Particle Coated Interfaces:~Influence of Particle Size and Bidisperse 2D Suspensions. <i>Langmuir</i> , 2007, 23, 3975-3980.	3.5	49
124	Why inhaling salt water changes what we exhale. <i>Journal of Colloid and Interface Science</i> , 2007, 307, 71-78.	9.4	31
125	Packing, Flipping, and Buckling Transitions in Compressed Monolayers of Ellipsoidal Latex Particles. <i>Langmuir</i> , 2006, 22, 6605-6612.	3.5	156
126	Effects of Temperature and Chemical Modification on Polymer Langmuir Films~. <i>Journal of Physical Chemistry B</i> , 2006, 110, 22285-22290.	2.6	8

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127	Well-Controlled Living Polymerization of Perylene-Labeled Polyisoprenes and Their Use in Single-Molecule Imaging. <i>Macromolecules</i> , 2006, 39, 8121-8127.	4.8	20
128	Interfacial Rheology and Structure of Straight-Chain and Branched Hexadecanol Mixtures. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 6880-6884.	3.7	22
129	Interfacial Rheology and Structure of Straight-Chain and Branched Fatty Alcohol Mixtures. <i>Langmuir</i> , 2006, 22, 5321-5327.	3.5	29
130	Particle-Laden Interfaces: Rheology, Coalescence, Adhesion and Buckling. , 2006, , 169-185.		4
131	Lung Surfactant Gelation Induced by Epithelial Cells Exposed to Air Pollution or Oxidative Stress. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005, 33, 161-168.	2.9	39
132	Pickering Emulsions with Controllable Stability. <i>Langmuir</i> , 2005, 21, 2158-2162.	3.5	348
133	Shape and Buckling Transitions in Solid-Stabilized Drops. <i>Langmuir</i> , 2005, 21, 10016-10020.	3.5	106
134	Two-Dimensional Melts: Polymer Chains at the Air/Water Interface. <i>Macromolecules</i> , 2005, 38, 6672-6679.	4.8	45
135	Investigation of shear-banding structure in wormlike micellar solution by point-wise flow-induced birefringence measurements. <i>Journal of Rheology</i> , 2005, 49, 537-550.	2.6	47
136	Development characteristics of drag-reducing surfactant solution flow in a duct. <i>Rheologica Acta</i> , 2004, 43, 232-239.	2.4	30
137	Shear and Dilational Surface Rheology of Oppositely Charged Polyelectrolyte/Surfactant Microgels Adsorbed at the Air/Water Interface. Influence on Foam Stability. <i>Journal of Physical Chemistry B</i> , 2004, 108, 16473-16482.	2.6	124
138	Influence of Subphase Conditions on Interfacial Viscoelastic Properties of Synthetic Lipids with Gentiobiose Head Groups. <i>Journal of Physical Chemistry B</i> , 2004, 108, 3211-3214.	2.6	13
139	Shear and Dilatational Relaxation Mechanisms of Globular and Flexible Proteins at the Hexadecane/Water Interface. <i>Langmuir</i> , 2004, 20, 10159-10167.	3.5	167
140	Rheological Behavior of Precursor PPV Monolayers. <i>Langmuir</i> , 2004, 20, 11517-11522.	3.5	5
141	Connect the Drops: Using Solids as Adhesives for Liquids. <i>Langmuir</i> , 2004, 20, 4805-4808.	3.5	90
142	Coalescence of Particle-Laden Fluid Interfaces. <i>Langmuir</i> , 2004, 20, 90-94.	3.5	126
143	Dynamic transitions and oscillatory melting of a two-dimensional crystal subjected to shear flow. <i>Journal of Rheology</i> , 2004, 48, 159-173.	2.6	35
144	Interfacial Rheology of Globular and Flexible Proteins at the Hexadecane/Water Interface: A Comparison of Shear and Dilatation Deformation. <i>Journal of Physical Chemistry B</i> , 2004, 108, 3835-3844.	2.6	258

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145	Flow-Induced Anisotropy and Reversible Aggregation in Two-Dimensional Suspensions. <i>Langmuir</i> , 2003, 19, 9134-9141.	3.5	92
146	Component Stress~Strain Behavior and Small-Angle Neutron Scattering Investigation of Stereoblock Elastomeric Polypropylene. <i>Macromolecules</i> , 2003, 36, 1178-1187.	4.8	20
147	Interfacial Rheology of Graft-Type Polymeric Siloxane Surfactants. <i>Langmuir</i> , 2003, 19, 6349-6356.	3.5	32
148	Microstructure evolution in magnetorheological suspensions governed by Mason number. <i>Physical Review E</i> , 2003, 68, 041503.	2.1	149
149	Microstructural changes of a binary polymer blend in simple shear flow across the phase boundary. <i>Journal of Rheology</i> , 2003, 47, 143-161.	2.6	7
150	The orientation dynamics of rigid rod suspensions under extensional flow. <i>Journal of Rheology</i> , 2003, 47, 371-388.	2.6	11
151	Shearing or Compressing a Soft Glass in 2D: Time-Concentration Superposition. <i>Physical Review Letters</i> , 2003, 90, 236101.	7.8	158
152	Influence of phase transition and photoisomerization on interfacial rheology. <i>Physical Review E</i> , 2003, 67, 041601.	2.1	35
153	CHAIN ROTATIONAL DYNAMICS IN MR SUSPENSIONS. <i>International Journal of Modern Physics B</i> , 2002, 16, 2293-2299.	2.0	17
154	Structure and Dynamics of Particle Monolayers at a Liquid~Liquid Interface Subjected to Extensional Flow. <i>Langmuir</i> , 2002, 18, 4372-4375.	3.5	67
155	Surface Rheological Transitions in Langmuir Monolayers of Bi-Competitive Fatty Acids. <i>Langmuir</i> , 2002, 18, 6597-6601.	3.5	23
156	Morphology of Thermoplastic Elastomers:~Elastomeric Polypropylene. <i>Macromolecules</i> , 2002, 35, 2654-2666.	4.8	62
157	Dynamic Response of Stereoblock Elastomeric Polypropylene Studied by Rheooptics and X-ray Scattering. 2. Orthogonally Oriented Crystalline Chains. <i>Macromolecules</i> , 2002, 35, 8498-8508.	4.8	16
158	Dynamic Response of Stereoblock Elastomeric Polypropylene Studied by Rheooptics and X-ray Scattering. 1. Influence of Isotacticity. <i>Macromolecules</i> , 2002, 35, 8488-8497.	4.8	20
159	Rheology of glycocalix model at air/water interface. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 1949-1952.	2.8	26
160	Surface Shear Rheology of a Polymerizable Lipopolymer Monolayer. <i>Langmuir</i> , 2002, 18, 2166-2173.	3.5	18
161	Polarizable Particle Aggregation Under Rotating Magnetic Fields Using Scattering Dichroism. <i>Journal of Colloid and Interface Science</i> , 2002, 247, 200-209.	9.4	69
162	Development of a double-beam rheo-optical analyzer for full tensor measurement of optical anisotropy in complex fluid flow. <i>Rheologica Acta</i> , 2002, 41, 448-455.	2.4	11

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163	CHAIN ROTATIONAL DYNAMICS IN MR SUSPENSIONS. , 2002, , .		0
164	Two-Dimensional Physical Networks of Lipopolymers at the Air/Water Interface:Â Correlation of Molecular Structure and Surface Rheological Behavior. Langmuir, 2001, 17, 2801-2806.	3.5	45
165	IsotropicâNematic Phase Transitions of Lyotropic, Two-Dimensional Liquid Crystalline Polymer Solutions. Macromolecules, 2001, 34, 6972-6977.	4.8	9
166	Rheological Properties of LipopolymerâPhospholipid Mixtures at the AirâWater Interface:â A Novel Form of Two-Dimensional Physical Gelation. Macromolecules, 2001, 34, 3024-3032.	4.8	25
167	Rheooptical determination of aspect ratio and polydispersity of nonspherical particles. AIChE Journal, 2001, 47, 790-798.	3.6	38
168	ORIENTATION DYNAMICS OF MAGNETORHEOLOGICAL FLUIDS SUBJECT TO ROTATING EXTERNAL FIELDS. International Journal of Modern Physics B, 2001, 15, 758-766.	2.0	10
169	Time Scaling Regimes in Aggregation of Magnetic Dipolar Particles: Scattering Dichroism Results. Physical Review Letters, 2001, 87, 115501.	7.8	52
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171	Structure and dynamics of magnetorheological fluids in rotating magnetic fields. Physical Review E, 2000, 61, 4111-4117.	2.1	105
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