Gerald G Fuller

List of Publications by Year
in descending order

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162 papers	8,287 citations	31976 53 h-index	56724 83 g-index

162 all docs	162 docs citations	162 times ranked	6599 citing authors

#	Article	IF	Citations
1	Pickering Emulsions with Controllable Stability. Langmuir, 2005, 21, 2158-2162.	3.5	348
2	An Interfacial Stress Rheometer To Study Rheological Transitions in Monolayers at the Airâ^'Water Interface. Langmuir, 1999, 15, 2450-2459.	3.5	321
3	A double wall-ring geometry for interfacial shear rheometry. Rheologica Acta, 2010, 49, 131-144.	2.4	266
4	Interfacial Rheology of Globular and Flexible Proteins at the Hexadecane/Water Interface:Â Comparison of Shear and Dilatation Deformation. Journal of Physical Chemistry B, 2004, 108, 3835-3844.	2.6	258
5	Complex Fluid-Fluid Interfaces: Rheology and Structure. Annual Review of Chemical and Biomolecular Engineering, 2012, 3, 519-543.	6.8	258
6	Extensional Viscosity Measurements for Lowâ€Viscosity Fluids. Journal of Rheology, 1987, 31, 235-249.	2.6	168
7	Shear and Dilatational Relaxation Mechanisms of Globular and Flexible Proteins at the Hexadecane/Water Interface. Langmuir, 2004, 20, 10159-10167.	3.5	167
8	Shearing or Compressing a Soft Glass in 2D: Time-Concentration Superposition. Physical Review Letters, 2003, 90, 236101.	7.8	158
9	Microstructure evolution in magnetorheological suspensions governed by Mason number. Physical Review E, 2003, 68, 041503.	2.1	149
10	Analysis of the magnetic rod interfacial stress rheometer. Journal of Rheology, 2008, 52, 261-285.	2.6	136
11	Nonmonotonic Elasticity of the Crude Oilâ€"Brine Interface in Relation to Improved Oil Recovery. Langmuir, 2016, 32, 2192-2198.	3.5	134
12	Coalescence of Particle-Laden Fluid Interfaces. Langmuir, 2004, 20, 90-94.	3.5	126
13	Shear and Dilational Surface Rheology of Oppositely Charged Polyelectrolyte/Surfactant Microgels Adsorbed at the Airâ^'Water Interface. Influence on Foam Stability. Journal of Physical Chemistry B, 2004, 108, 16473-16482.	2.6	124
14	Formation of Bilayer Disks and Two-Dimensional Foams on a Collapsing/Expanding Liquid-Crystal Monolayer. Langmuir, 1994, 10, 1251-1256.	3.5	113
15	Small Molecule, Non-Peptide p75NTR Ligands Inhibit Aβ-Induced Neurodegeneration and Synaptic Impairment. PLoS ONE, 2008, 3, e3604.	2.5	112
16	Component relaxation dynamics in a miscible polymer blend: poly(ethylene oxide)/poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	4.8	107
17	Structure and dynamics of magnetorheological fluids in rotating magnetic fields. Physical Review E, 2000, 61, 4111-4117.	2.1	105
18	Shear-banding structure orientated in the vorticity direction observed for equimolar micellar solution. Rheologica Acta, 2002, 41, 35-44.	2.4	100

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19	Structure and rheology of wormlike micelles. Rheologica Acta, 1996, 35, 139-149.	2.4	99
20	Timeâ€dependent smallâ€angle light scattering of shearâ€induced concentration fluctuations in polymer solutions. Journal of Chemical Physics, 1992, 96, 7742-7757.	3.0	92
21	Time-periodic flow induced structures and instabilities in a viscoelastic surfactant solution. Journal of Non-Newtonian Fluid Mechanics, 1998, 75, 193-208.	2.4	92
22	Connect the Drops:Â Using Solids as Adhesives for Liquids. Langmuir, 2004, 20, 4805-4808.	3.5	90
23	Lung surfactants and different contributions to thin film stability. Soft Matter, 2015, 11, 8048-8057.	2.7	88
24	Adsorption and desorption of flexible polymer chains in flowing systems. Journal of Colloid and Interface Science, 1985, 103, 569-577.	9.4	86
25	The modulation of endothelial cell morphology, function, and survival using anisotropic nanofibrillar collagen scaffolds. Biomaterials, 2013, 34, 4038-4047.	11.4	82
26	Rotational dynamics in dipolar colloidal suspensions: video microscopy experiments and simulations results. Journal of Non-Newtonian Fluid Mechanics, 2002, 102, 135-148.	2.4	80
27	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
28	Note: A Note on Phaseâ€Modulated Flow Birefringence: A Promising Rheoâ€Optical Method. Journal of Rheology, 1984, 28, 61-70.	2.6	77
29	DACH1 stimulates shear stress-guided endothelial cell migration and coronary artery growth through the CXCL12â€“CXCR4 signaling axis. Genes and Development, 2017, 31, 1308-1324.	5.9	77
30	In-Situ Quantification of the Interfacial Rheological Response of Bacterial Biofilms to Environmental Stimuli. PLoS ONE, 2013, 8, e78524.	2.5	76
31	Note: Optical Rheometry Using a Rotary Polarization Modulator. Journal of Rheology, 1989, 33, 761-769.	2.6	72
32	Determining the mechanical response of particle-laden fluid interfaces using surface pressure isotherms and bulk pressure measurements of droplets. Physical Chemistry Chemical Physics, 2007, 9, 6344.	2.8	72
33	Phase transitions induced by electric fields in near-critical polymer solutions. Physical Review Letters, 1993, 71, 2236-2239.	7.8	70
34	Polarizable Particle Aggregation Under Rotating Magnetic Fields Using Scattering Dichroism. Journal of Colloid and Interface Science, 2002, 247, 200-209.	9.4	69
35	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
36	Infrared dichroism measurements of molecular relaxation in binary blend melt rheology. Macromolecules, 1989, 22, 1334-1345.	4.8	67

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37	Rheo-Optical Studies of Shear-Induced Structures in Semidilute Polystyrene Solutions. Macromolecules, 1997, 30, 7232-7236.	4.8	67
38	Structure and Dynamics of Particle Monolayers at a Liquidâ"Liquid Interface Subjected to Extensional Flow. Langmuir, 2002, 18, 4372-4375.	3.5	67
39	Rheological and Thermal Properties of Elastomeric Polypropylene. Macromolecules, 1998, 31, 5343-5351.	4.8	66
40	Droplet Coalescence and Spontaneous Emulsification in the Presence of Asphaltene Adsorption. Langmuir, 2017, 33, 10501-10510.	3.5	66
41	Liquid Crystalline Collagen: A Self-Assembled Morphology for the Orientation of Mammalian Cells. Langmuir, 2009, 25, 3200-3206.	3.5	65
42	Thermoresponsiveness of PDMAEMA. Electrostatic and Stereochemical Effects. Macromolecules, 2013, 46, 2331-2340.	4.8	63
43	Structural and Rheological Properties of Meibomian Lipid. , 2013, 54, 2720.		63
44	Morphology of Thermoplastic Elastomers:Â Elastomeric Polypropylene. Macromolecules, 2002, 35, 2654-2666.	4.8	62
45	The interfacial viscoelastic properties and structures of human and animal Meibomian lipids. Experimental Eye Research, 2010, 90, 598-604.	2.6	62
46	Designing a tubular matrix of oriented collagen fibrils for tissue engineering. Acta Biomaterialia, 2011, 7, 2448-2456.	8.3	61
47	Linking aggregation and interfacial properties in monoclonal antibody-surfactant formulations. Journal of Colloid and Interface Science, 2019, 550, 128-138.	9.4	61
48	Simultaneous dichroism and birefringence measurements of dilute colloidal suspensions in transient shear flow. Journal of Colloid and Interface Science, 1985, 104, 440-455.	9.4	60
49	Aligned nanofibrillar collagen regulates endothelial organization and migration. Regenerative Medicine, 2012, 7, 649-661.	1.7	60
50	The optical and mechanical response of flexible polymer solutions to extensional flow. Journal of Non-Newtonian Fluid Mechanics, 1990, 34, 63-88.	2.4	59
51	Influence of interfacial rheology on drainage from curved surfaces. Soft Matter, 2014, 10, 6917-6925.	2.7	59
52	Tracking the interfacial dynamics of PNiPAM soft microgels particles adsorbed at the airâ€"water interface and in thin liquid films. Rheologica Acta, 2013, 52, 445-454.	2.4	58
53	Interfacial dilatational deformation accelerates particle formation in monoclonal antibody solutions. Soft Matter, 2016, 12, 3293-3302.	2.7	57
54	Spatial patterning of endothelium modulates cell morphology, adhesiveness and transcriptional signature. Biomaterials, 2013, 34, 2928-2937.	11.4	56

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55	Molecular Determinants of Mechanical Properties of V.Âcholerae Biofilms atÂthe Air-Liquid Interface. Biophysical Journal, 2014, 107, 2245-2252.	0.5	55
56	Investigation of xanthan gum solution behavior under shear flow using rheooptical techniques. Macromolecules, 1993, 26, 504-511.	4.8	54
57	Time Scaling Regimes in Aggregation of Magnetic Dipolar Particles: Scattering Dichroism Results. Physical Review Letters, 2001, 87, 115501.	7.8	52
58	Temperature-Induced Transitions in the Structure and Interfacial Rheology of Human Meibum. Biophysical Journal, 2012, 102, 369-376.	0.5	51
59	Interfacial Rheology of Natural Silk Fibroin at Air/Water and Oil/Water Interfaces. Langmuir, 2012, 28, 459-467.	3.5	51
60	Monoclonal Antibody Interfaces: Dilatation Mechanics and Bubble Coalescence. Langmuir, 2018, 34, 630-638.	3.5	51
61	Nanoscale Patterning of Extracellular Matrix Alters Endothelial Function under Shear Stress. Nano Letters, 2016, 16, 410-419.	9.1	50
62	Ellipsometry studies of adsorbed polymer chains subjected to flow. Macromolecules, 1984, 17, 375-380.	4.8	49
63	Rheo-optical studies of the effect of weak Brownian rotations in sheared suspensions. Journal of Fluid Mechanics, 1986, 168, 119.	3.4	49
64	The dynamics of dilute colloidal suspensions subject to time-dependent flow fields by conservative dichroism. Journal of Colloid and Interface Science, 1984, 100, 506-518.	9.4	47
65	Concentration fluctuation enhancement in polymer solutions by extensional flow. Macromolecules, 1993, 26, 7182-7188.	4.8	45
66	Two-Dimensional Melts:Â Polymer Chains at the Airâ^'Water Interface. Macromolecules, 2005, 38, 6672-6679.	4.8	45
67	Lipid-Induced Î²-Amyloid Peptide Assemblage Fragmentation. Biophysical Journal, 2006, 91, 4071-4080.	0.5	45
68	Dynamic fluid-film interferometry as a predictor of bulk foam properties. Soft Matter, 2016, 12, 9266-9279.	2.7	45
69	The dichroism and birefringence of a hardâ€sphere suspension under shear. Journal of Chemical Physics, 1988, 89, 1580-1587.	3.0	42
70	Deformation and Relaxation Processes of Mono- and Bilayer Domains of Liquid Crystalline Langmuir Films on Water. Langmuir, 1996, 12, 5630-5635.	3.5	42
71	Molecular Structure of Interfacial Human Meibum Films. Langmuir, 2012, 28, 11858-11865.	3.5	42
72	Consequences of Interfacial Viscoelasticity on Thin Film Stability. Langmuir, 2012, 28, 14238-14244.	3.5	40

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73	Electrophoresis of DNA Adsorbed to a Cationic Supported Bilayer. Langmuir, 2001, 17, 7396-7401.	3.5	39
74	Lung Surfactant Gelation Induced by Epithelial Cells Exposed to Air Pollution or Oxidative Stress. American Journal of Respiratory Cell and Molecular Biology, 2005, 33, 161-168.	2.9	39
75	Dynamics of colloidal particles in sheared, non-Newtonian fluids. Journal of Non-Newtonian Fluid Mechanics, 1990, 34, 89-121.	2.4	38
76	Rheooptical response of rodlike chains subject to transient shear flow. 2. Two-color flow birefringence measurements on collagen protein. Macromolecules, 1985, 18, 793-804.	4.8	37
77	Uniaxial and biaxial extensional viscosity measurements of dilute and semi-dilute solutions of rigid rod polymers. Journal of Non-Newtonian Fluid Mechanics, 1988, 30, 303-316.	2.4	37
78	Direct Visualization of Flow-Induced Anisotropy in a Fatty Acid Monolayer. Langmuir, 1996, 12, 1594-1599.	3.5	37
79	Phase Behavior and Viscoelastic Properties of Trisilanolcyclohexyl-POSS at the Air/Water Interface. Langmuir, 2005, 21, 2375-2385.	3.5	36
80	Effect of Lysozyme Adsorption on the Interfacial Rheology of DPPC and Cholesteryl Myristate Films. Langmuir, 2008, 24, 11728-11733.	3.5	36
81	Surface Rheology of a Polymer Monolayer: Effects of Polymer Chain Length and Compression Rate. Langmuir, 2009, 25, 7457-7464.	3.5	36
82	Influence of phase transition and photoisomerization on interfacial rheology. Physical Review E, 2003, 67, 041601.	2.1	35
83	Dynamic transitions and oscillatory melting of a two-dimensional crystal subjected to shear flow. Journal of Rheology, 2004, 48, 159-173.	2.6	35
84	Instability and Breakup of Model Tear Films. , 2016, 57, 949.		35
85	Interfacial mechanisms for stability of surfactant-laden films. PLoS ONE, 2017, 12, e0175753.	2.5	35
86	Oligomers as molecular probes of orientational coupling interactions in polymer melts and networks. Polymer, 1992, 33, 2949-2960.	3.8	34
87	Elastomeric Polypropylenes from Unbridged 2-Phenylindene Zirconocene Catalysts:â€‰ Temperature Dependence of Crystallinity and Relaxation Properties. Macromolecules, 1999, 32, 3334-3340.	4.8	33
88	Interfacial Rheology of Graft-Type Polymeric Siloxane Surfactantsâ€. Langmuir, 2003, 19, 6349-6356.	3.5	32
89	Disruption of Escherichia coli Amyloid-Integrated Biofilm Formation at the Airâ€“Liquid Interface by a Polysorbate Surfactant. Langmuir, 2013, 29, 920-926.	3.5	32
90	Polymeric-nanofluids stabilized emulsions: Interfacial versus bulk rheology. Journal of Colloid and Interface Science, 2020, 576, 252-263.	9.4	32

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91	Why inhaling salt water changes what we exhale. Journal of Colloid and Interface Science, 2007, 307, 71-78.	9.4	31
92	Interfacial Rheology and Structure of Straight-Chain and Branched Fatty Alcohol Mixtures. Langmuir, 2006, 22, 5321-5327.	3.5	29
93	Electric-field-induced structure in polymer solutions near the critical point. Macromolecules, 1992, 25, 7234-7246.	4.8	28
94	In Situ Optical Studies of Flow-Induced Orientation in a Two-Dimensional Polymer Solution. Macromolecules, 1996, 29, 705-712.	4.8	27
95	Asphaltene-induced spontaneous emulsification: Effects of interfacial co-adsorption and viscoelasticity. Journal of Rheology, 2020, 64, 799-816.	2.6	27
96	Mechanical Properties of Solidifying Assemblies of Nanoparticle Surfactants at the Oilâ€“Water Interface. Langmuir, 2019, 35, 13340-13350.	3.5	25
97	Perpendicular alignment of lymphatic endothelial cells in response to spatial gradients in wall shear stress. Communications Biology, 2020, 3, 57.	4.4	25
98	Small angle light scattering as a probe of flow-induced particle orientation. Journal of Colloid and Interface Science, 1985, 108, 149-157.	9.4	24
99	Extensional Flow of a Two-Dimensional Polymer Liquid Crystal. Macromolecules, 1996, 29, 8473-8478.	4.8	24
100	The influence of protein deposition on contact lens tear film stability. Colloids and Surfaces B: Biointerfaces, 2019, 180, 229-236.	5.0	24
101	Surface Rheological Transitions in Langmuir Monolayers of Bi-Competitive Fatty Acids. Langmuir, 2002, 18, 6597-6601.	3.5	23
102	Insertion Mechanism of a Poly(ethylene oxide)-poly(butylene oxide) Block Copolymer into a DPPC Monolayer. Langmuir, 2011, 27, 11444-11450.	3.5	23
103	Scaling analysis and mathematical theory of the interfacial stress rheometer. Journal of Rheology, 2014, 58, 999-1038.	2.6	23
104	The optical anisotropy of sheared hematite suspensions. Journal of Colloid and Interface Science, 1988, 124, 441-451.	9.4	22
105	Contraction and expansion flows of Langmuir monolayers. Journal of Non-Newtonian Fluid Mechanics, 2000, 89, 187-207.	2.4	22
106	Interfacial Rheology and Structure of Straight-Chain and Branched Hexadecanol Mixtures. Industrial & Engineering Chemistry Research, 2006, 45, 6880-6884.	3.7	22
107	Interfacial Flow Processing of Collagen. Langmuir, 2010, 26, 3514-3521.	3.5	22
108	Adsorption and Aggregation of Monoclonal Antibodies at Silicone Oilâ€“Water Interfaces. Molecular Pharmaceutics, 2021, 18, 1656-1665.	4.6	22

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109	Surface Rheology of Hydrophobically Modified PEG Polymers Associating with a Phospholipid Monolayer at the Airâ^'Water Interface. Langmuir, 2008, 24, 4056-4064.	3.5	21
110	Growth Kinetics and Mechanics of Hydrate Films by Interfacial Rheology. Langmuir, 2016, 32, 4203-4209.	3.5	21
111	Branched viscoelastic surfactant solutions and their response to elongational flow. Rheologica Acta, 1997, 36, 632-638.	2.4	20
112	Dynamic Response of Stereoblock Elastomeric Polypropylene Studied by Rheooptics and X-ray Scattering. 1. Influence of Isotacticity. Macromolecules, 2002, 35, 8488-8497.	4.8	20
113	Component Stressâ^'Strain Behavior and Small-Angle Neutron Scattering Investigation of Stereoblock Elastomeric Polypropyleneâ€. Macromolecules, 2003, 36, 1178-1187.	4.8	20
114	Mechanical Behavior of a Bacillus subtilis Pellicle. Journal of Physical Chemistry B, 2016, 120, 6080-6088.	2.6	20
115	Some experimental results on the development of Couette flow for non-Newtonian fluids. Journal of Non-Newtonian Fluid Mechanics, 1985, 17, 233-243.	2.4	19
116	Phase Behavior and Flow Properties of â€œHairy-Rodâ€•Monolayers. Langmuir, 2000, 16, 726-734.	3.5	18
117	Surface Shear Rheology of a Polymerizable Lipopolymer Monolayer. Langmuir, 2002, 18, 2166-2173.	3.5	18
118	Thin Film Formation of Silica Nanoparticle/Lipid Composite Films at the Fluidâ^'Fluid Interface. Langmuir, 2010, 26, 17867-17873.	3.5	18
119	Influence of interfacial elasticity on liquid entrainment in thin foam films. Physical Review Fluids, 2018, 3, .	2.5	18
120	CHAIN ROTATIONAL DYNAMICS IN MR SUSPENSIONS. International Journal of Modern Physics B, 2002, 16, 2293-2299.	2.0	17
121	Understanding the adsorption and potential tear film stability properties of recombinant human lubricin and bovine submaxillary mucins in an in vitro tear film model. Colloids and Surfaces B: Biointerfaces, 2020, 195, 111257.	5.0	17
122	Dynamic Response of Stereoblock Elastomeric Polypropylene Studied by Rheooptics and X-ray Scattering. 2. Orthogonally Oriented Crystalline Chains. Macromolecules, 2002, 35, 8498-8508.	4.8	16
123	Multiplexed Fluid Flow Device to Study Cellular Response to Tunable Shear Stress Gradients. Annals of Biomedical Engineering, 2016, 44, 2261-2272.	2.5	16
124	Mechanical and microstructural insights of Vibrio cholerae and Escherichia coli dual-species biofilm at the air-liquid interface. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110786.	5.0	16
125	Langmuir Monolayers of Straight-Chain and Branched Hexadecanol and Eicosanol Mixtures. Langmuir, 2008, 24, 14005-14014.	3.5	15
126	Influence of surface rheology on dynamic wetting of droplets coated with insoluble surfactants. Soft Matter, 2011, 7, 7747.	2.7	15

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127	Editorial: dynamics and rheology of complex fluidâ€“fluid interfaces. Soft Matter, 2011, 7, 7583.	2.7	15
128	Corneal Cell Adhesion to Contact Lens Hydrogel Materials Enhanced via Tear Film Protein Deposition. PLoS ONE, 2014, 9, e105512.	2.5	15
129	Influence of Lipid Coatings on Surface Wettability Characteristics of Silicone Hydrogels. Langmuir, 2015, 31, 3820-3828.	3.5	15
130	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
131	Interfacial Assembly of Graphene Oxide: From Super Elastic Interfaces to Liquidâ€inâ€Liquid Printing. Advanced Materials Interfaces, 2022, 9, .	3.7	15
132	Transient Birefringence of Elastomeric Polypropylene Subjected to Step Shear Strain. Macromolecules, 1999, 32, 8094-8099.	4.8	14
133	Non-Newtonian Rheology of Liquid Crystalline Polymer Monolayers. Langmuir, 2000, 16, 4325-4332.	3.5	14
134	Conservative dichroism of a sheared suspension in the Rayleigh-Gans light scattering approximation. Journal of Colloid and Interface Science, 1987, 119, 335-351.	9.4	13
135	Influence of Subphase Conditions on Interfacial Viscoelastic Properties of Synthetic Lipids with Gentiobiose Head Groups. Journal of Physical Chemistry B, 2004, 108, 3211-3214.	2.6	13
136	Multiphase flow of miscible liquids: jets and drops. Experiments in Fluids, 2015, 56, 1.	2.4	13
137	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
138	Viscoelastic interfaces comprising of cellulose nanocrystals and lauroyl ethyl arginate for enhanced foam stability. Soft Matter, 2020, 16, 3981-3990.	2.7	13
139	Evaporation-driven solutocapillary flow of thin liquid films over curved substrates. Physical Review Fluids, 2019, 4, .	2.5	13
140	Oriented collagen as a potential cochlear implant electrode surface coating to achieve directed neurite outgrowth. European Archives of Oto-Rhino-Laryngology, 2012, 269, 1111-1116.	1.6	12
141	Development of a double-beam rheo-optical analyzer for full tensor measurement of optical anisotropy in complex fluid flow. Rheologica Acta, 2002, 41, 448-455.	2.4	11
142	The orientation dynamics of rigid rod suspensions under extensional flow. Journal of Rheology, 2003, 47, 371-388.	2.6	11
143	The stress jump of a semirigid macromolecule after shear: Comparison of the elastic stress to the birefringence. Journal of Rheology, 1995, 39, 659-672.	2.6	10
144	Optical rheometry of complex fluid interfaces. Current Opinion in Colloid and Interface Science, 1997, 2, 153-157.	7.4	10

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145	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
146	Structure and optical anisotropies of critical polymer solutions in electric fields. Journal of Chemical Physics, 1994, 101, 1679-1686.	3.0	9
147	Isotropicâ^'Nematic Phase Transitions of Lyotropic, Two-Dimensional Liquid Crystalline Polymer Solutions. Macromolecules, 2001, 34, 6972-6977.	4.8	9
148	Interfacial and Fluorescence Studies on Stereoblock Poly(N-isopropylacryl amide)s. Langmuir, 2012, 28, 14792-14798.	3.5	9
149	Component Relaxation Processes within Elastomeric Polypropylene. Macromolecules, 1999, 32, 8100-8106.	4.8	8
150	Effects of Temperature and Chemical Modification on Polymer Langmuir Filmsâ€. Journal of Physical Chemistry B, 2006, 110, 22285-22290.	2.6	8
151	Spreading of miscible liquids. Physical Review Fluids, 2016, 1, .	2.5	8
152	Surface Pressure-Induced Isotropicâ^'Nematic Transition in Polymer MonolayersEffect of Solvent Molecules. Langmuir, 2000, 16, 4319-4324.	3.5	7
153	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
154	3-Hydroxybutyric Acid Interacts with Lipid Monolayers at Concentrations That Impair Consciousness. Langmuir, 2013, 29, 1948-1955.	3.5	6
155	Field-induced anisotropy in concentrated systems of rigid particles and macromolecules. Journal of Statistical Physics, 1991, 62, 1025-1039.	1.2	3
156	A rheoâ€optical study of nearâ€critical polymer solutions under oscillatory shear flow. Journal of Rheology, 1995, 39, 893-906.	2.6	3
157	The effect of segment/boundary hydrodynamic interactions on the dynamics of adsorbed polymer chains subjected to flow. Journal of Colloid and Interface Science, 1985, 107, 308-313.	9.4	2
158	Placing Marangoni instabilities under arrest. Physical Review Fluids, 2016, 1, .	2.5	2
159	<title>Structure and dynamics of liquid crystalline droplets suspended in polymer liquids</title>. , 1994, 2175, 71.		1
160	Influence of salt on the formation and separation of droplet interface bilayers. Physics of Fluids, 2022, 34, .	4.0	1
161	Investigating miscible polymer blend dynamics with optical and mechanical rheometry. Journal of Non-Crystalline Solids, 1994, 172-174, 668-673.	3.1	0
162	A New Class of Shear Induced Structure in Viscoelastic Micellar Solutions. , 1998, , 525-526.		0