

# Rheology of giant micelles

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Analytical solution for the Hagen-Poiseuille flow of a hard sphere gas with nonlinear shear viscosity. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007, 2007, P06017-P06017.	0.9	1
2	Alternating Vorticity Bands in a Solution of Wormlike Micelles. <i>Physical Review Letters</i> , 2007, 99, 158302.	2.9	34
3	Nonlinear microrheology of wormlike micelle solutions using ferromagnetic nanowire probes. <i>Physical Review E</i> , 2007, 76, 031505.	0.8	44
4	Rheooscillations of a Bottlebrush Polymer Solution Due to Shear-Induced Phase Transitions between a Shear Molten State and a Line Hexatic Phase. <i>Macromolecules</i> , 2007, 40, 7680-7688.	2.2	7
5	Wormlike micelles: where do we stand? Recent developments, linear rheology and scattering techniques. <i>Soft Matter</i> , 2007, 3, 956.	1.2	734
6	Perspectives on shear banding in complex fluids. <i>Rheologica Acta</i> , 2008, 47, 283-300.	1.1	383
7	Surfactant-based gels. <i>Advances in Colloid and Interface Science</i> , 2008, 144, 66-74.	7.0	108
8	Ultrasound velocimetry in a shear-thickening wormlike micellar solution: Evidence for the coexistence of radial and vorticity shear bands. <i>European Physical Journal E</i> , 2008, 26, 3-12.	0.7	24
9	Influence of system size and solvent flow on the distribution of wormlike micelles in a contraction-expansion geometry. <i>European Physical Journal E</i> , 2008, 26, 63-71.	0.7	10
10	Dynamics and rheology of wormlike micelles emerging from particulate computer simulations. <i>Journal of Chemical Physics</i> , 2008, 129, 074903.	1.2	56
11	Modeling the inhomogeneous response and formation of shear bands in steady and transient flows of entangled liquids. <i>Journal of Rheology</i> , 2008, 52, 591-623.	1.3	61
12	Gradient and vorticity banding. <i>Rheologica Acta</i> , 2008, 47, 257-281.	1.1	148
13	A study of the nonlinear rheology of complex fluids using diffusing wave spectroscopy. <i>Journal of Rheology</i> , 2008, 52, 1113-1129.	1.3	12
14	A rheo-optical study of shear rate and optical anisotropy in wormlike micelles solutions. <i>Soft Matter</i> , 2008, 4, 784.	1.2	15
15	Flow of wormlike micelles in an expansion-contraction geometry. <i>Soft Matter</i> , 2008, 4, 870.	1.2	34
16	Rheo-NMR of Wormlike Micelles Formed from Nonionic Pluronic Surfactants. <i>Macromolecules</i> , 2008, 41, 804-814.	2.2	20
17	Use of Particle-Tracking Velocimetry and Flow Birefringence To Study Nonlinear Flow Behavior of Entangled Wormlike Micellar Solution: From Wall Slip, Bulk Disentanglement to Chain Scission. <i>Macromolecules</i> , 2008, 41, 1455-1464.	2.2	83
18	Regular and chaotic states in a local map description of sheared nematic liquid crystals. <i>Physical Review E</i> , 2008, 78, 011706.	0.8	1

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19	Structure and dynamics of cylindrical micelles at equilibrium and under shear flow. <i>Physical Review E</i> , 2009, 79, 041501.	0.8	14
20	Nonmonotonic Models are Not Necessary to Obtain Shear Banding Phenomena in Entangled Polymer Solutions. <i>Physical Review Letters</i> , 2009, 102, 067801.	2.9	100
21	Glass rheology: From mode-coupling theory to a dynamical yield criterion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15186-15191.	3.3	135
22	From Polymers to Colloids: Engineering the Dynamic Properties of Hairy Particles. <i>Advances in Polymer Science</i> , 2009, , 1-54.	0.4	36
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30	A mode coupling theory for Brownian particles in homogeneous steady shear flow. <i>Journal of Rheology</i> , 2009, 53, 957-1000.	1.3	112
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37	Synthesis and characterization of HAp nanorods from a cationic surfactant template method. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 2543-2549.	1.7	46

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39	Interfacially Driven Instability in the Microchannel Flow of a Shear-Banding Fluid. <i>Physical Review Letters</i> , 2010, 104, 248303.	2.9	42
40	Direct Observation of Flow-Concentration Coupling in a Shear-Banding Fluid. <i>Physical Review Letters</i> , 2010, 105, 084501.	2.9	50
41	Comparison of shear-induced conductivity anisotropy in a micellar system in the isotropic and the nematic phase. <i>Liquid Crystals</i> , 2010, 37, 695-700.	0.9	2
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51	Transient shear banding in entangled polymers: A study using the Rolie-Poly model. <i>Journal of Rheology</i> , 2011, 55, 1007-1032.	1.3	80
52	High bandwidth linear viscoelastic properties of complex fluids from the measurement of their free surface fluctuations. <i>Soft Matter</i> , 2011, 7, 7843.	1.2	20
53	Shear-induced phase separation (SIPS) with shear banding in solutions of cationic surfactant and salt. <i>Journal of Rheology</i> , 2011, 55, 1375-1397.	1.3	25
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55	Spatially resolved quantitative rheo-optics of complex fluids in a microfluidic device. <i>Journal of Rheology</i> , 2011, 55, 1127-1159.	1.3	46

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57	Laminar oscillatory flow of Maxwell and Oldroyd-B fluids: Theoretical analysis. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2011, 166, 1315-1326.	1.0	33
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86	Thixotropy, yielding and ultrasonic Doppler velocimetry in pulp fibre suspensions. <i>Rheologica Acta</i> , 2012, 51, 201-214.	1.1	40
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90	High frequency linear rheology of complex fluids measured from their surface thermal fluctuations. <i>Journal of Rheology</i> , 2013, 57, 441-455.	1.3	10
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108	Inertio-elastic instability of non shear-banding wormlike micelles. <i>Soft Matter</i> , 2014, 10, 1450.	1.2	20
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119	Anomalous shear banding revisited with Rheo-NMR and Rheo-USV. <i>Rheologica Acta</i> , 2015, 54, 619-636.	1.1	9
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121	Rheological Behavior of Oil-Swollen Wormlike Surfactant Micelles. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15938-15946.	1.2	38
122	Introduction to Complex Fluids. <i>Biological and Medical Physics Series</i> , 2015, , 3-52.	0.3	32
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130	The rheology and microstructure of branched micelles under shear. <i>Journal of Rheology</i> , 2015, 59, 1299-1328.	1.3	53
131	Real-time monitoring of self-assembling worm-like micelle formation by organic transistors. <i>RSC Advances</i> , 2015, 5, 16554-16561.	1.7	10
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151	A flow visualization and superposition rheology study of shear-banding wormlike micelle solutions. <i>Soft Matter</i> , 2016, 12, 1051-1061.	1.2	32
152	CO <sub>2</sub> /pH-Controllable Viscoelastic Nanostructured Fluid Based on Stearic Acid Soap and Bola-Type Quaternary Ammonium Salt. <i>Langmuir</i> , 2016, 32, 2311-2320.	1.6	44
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