

Sandra Lerouge

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

699
citations

933447

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1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

715
citing authors

#	ARTICLE	IF	CITATIONS
1	Shear Banding of Complex Fluids. Annual Review of Fluid Mechanics, 2016, 48, 81-103.	25.0	222
2	Shear-Induced Transitions and Instabilities in Surfactant Wormlike Micelles. Advances in Polymer Science, 2009, , 1-71.	0.8	101
3	Correlations between Rheological and Optical Properties of a Micellar Solution under Shear Banding Flow. Langmuir, 2000, 16, 6464-6474.	3.5	92
4	Rheology of complex fluids by particle image velocimetry in microchannels. Applied Physics Letters, 2006, 89, 024104.	3.3	78
5	Birefringence Banding in a Micellar Solution or the Complexity of Heterogeneous Flows. Langmuir, 2004, 20, 11355-11365.	3.5	47
6	Kinetics of the Shear-Thickening Transition Observed in Dilute Surfactant Solutions and Investigated by Flow Birefringence. Langmuir, 2002, 18, 7279-7286.	3.5	40
7	Turbulent flows in highly elastic wormlike micelles. Soft Matter, 2013, 9, 735-749.	2.7	36
8	Flows of living polymer fluids. Soft Matter, 2014, 10, 8789-8799.	2.7	26
9	Stress diffusion in shear banding wormlike micelles. Journal of Rheology, 2015, 59, 1335-1362.	2.6	26
10	Shear-banding in wormlike micelles: Beware of elastic instabilities. Journal of Rheology, 2016, 60, 917-926.	2.6	22
11	Shear-banding fluid(s) under time-dependent shear flows. Part I: Spatiotemporal dynamics. Journal of Rheology, 2021, 65, 1187-1200.	2.6	9