

Publications

Folding Langmuir Monolayers, Phys. Rev Lett. 89, 146107 (2002).

Shear Induced Stress Relaxations in a Two Dimensional Foam, Phys Rev. Lett. 89, 098303 (2002).

Comparison of steady-state shear viscosity and complex shear modulus in Langmuir monolayers, Langmuir 19, 3542 (2003)

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Asymmetric Response of a Plastic Bead Raft, Phys. Rev. Lett, 97, 110601 (2006)

Characterization of anomalous flow and phase behavior in a Langmuir monolayer of 2-hydroxy-tetracosanoic acid, J. Phys. Chem. B (2006)

Statistical Regularities in Limit Order Placement, Quantitative Finance (2007)

Stretching fields and mixing near the transition to nonperiodic two-dimensional flow, Phys. Rev. E 77, 056315 (2008)

Sporepedia: A Case Study in the Popularity Dynamics of Social Media, International Conference on Weblogs and Social Media (2010)

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Soliton Propagation in Curved Two Dimensional Membranes, Paradigms in Nonlinear Science, Copenhagen, Denmark, September 2002

The Effectiveness of Low Yield Nuclear Weapons at Destroying Chemical Weapons Stored In Underground Bunkers, Science and International Security, Moscow, Russia, July 2003

Existence of an Effective Temperature in Complex Fluids, APS March Meeting, Montreal Canada, 2004

Stress Relaxations in Complex Fluids, American Physical Society, APS March Meeting, Los Angeles CA, 2005

Coherent Structures in Decaying Two-Dimensional Turbulence, APS March Meeting, Baltimore, 2006

Limit Order Distribution in Continuous Double Auction Markets, Econophysics Meeting, Santa Fe Institute, August 2006

Stretching Statistics in Aperiodic Flow, APS Division of Fluid Dynamics, Tampa, FL, November 2006

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