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See Camille N. Mahyaoui *et al.*, pp. 4859–4867. Image reproduced by permission of C. N. Mahyaoui, P. Davidson, C. Meyer and I. Dozov from *Soft Matter*, 2024, 20, 4859.



Inside cover

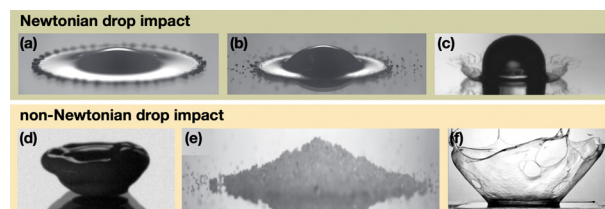
See Jie Feng *et al.*, pp. 4868–4877. Image reproduced by permission of Jie Feng from *Soft Matter*, 2024, 20, 4868.

REVIEW

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Drop impact dynamics of complex fluids: a review

Phalguni Shah and Michelle M. Driscoll*

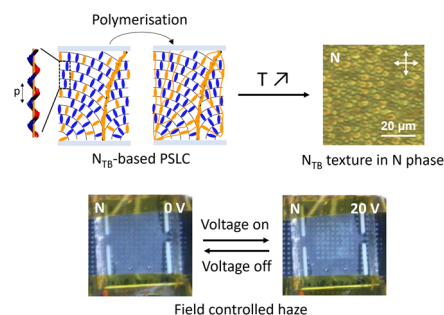


PAPERS

4859

Polymerisation of twist-bend nematic textures for electro-optical applications

Camille N. Mahyaoui,* Patrick Davidson, Claire Meyer and Ivan Dozov



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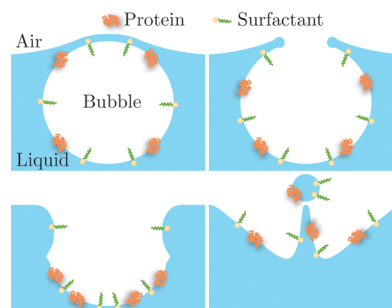
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Effect of surface viscoelasticity on top jet drops produced by bursting bubbles

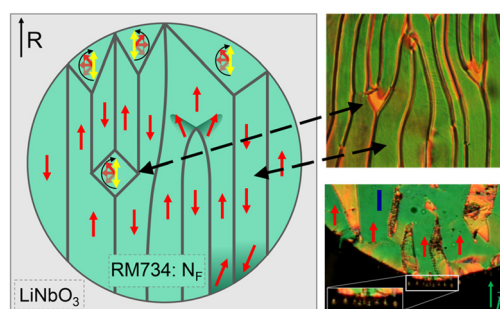
Zhengyu Yang, Sainath Barbhai, Bingqiang Ji* and Jie Feng*



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Fluid jets and polar domains, on the relationship between electromechanical instability and topology in ferroelectric nematic liquid crystal droplets

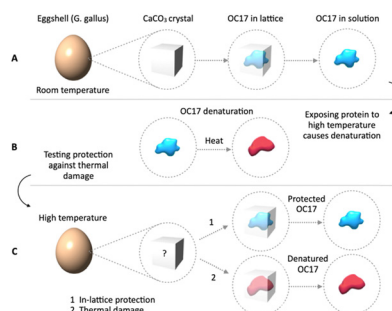
Stefano Marni, Federico Caimi, Raouf Barboza, Noel Clark, Tommaso Bellini* and Liana Lucchetti*



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Implications of intracrystalline OC17 on the protection of lattice incorporated proteins

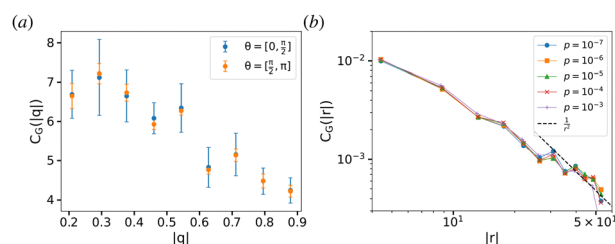
Huseyin Burak Caliskan* and Fatma Isik Ustok



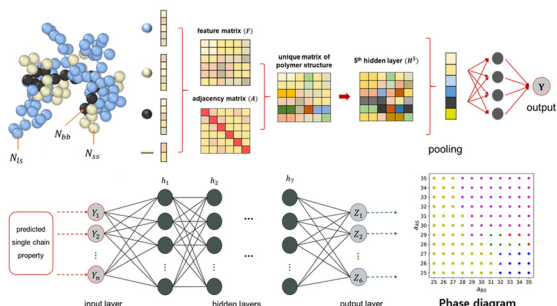
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Long-range correlations in elastic moduli and local stresses at the unjamming transition

Surajit Chakraborty* and Kabir Ramola



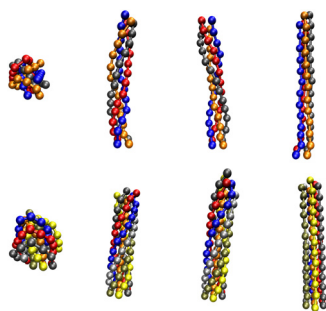
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Self-assembly prediction of architecture-controlled bottlebrush copolymers in solution using graph convolutional networks

Wooseop Hwang, Sangwoo Kwon, Won Bo Lee* and YongJoo Kim*

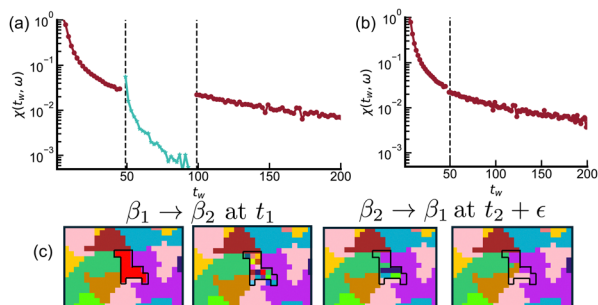
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Pulling on grafted flexible polymers can cause twisted bundles

Dustin Warkotsch, Henrik Christiansen, Johannes Zierenberg and Wolfhard Janke*

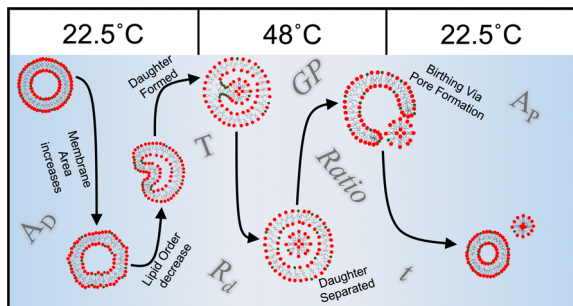
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Real-space model for activated processes in rejuvenation and memory behavior of glassy systems

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Significance of *in situ* quantitative membrane property–morphology relation (QmPMR) analysis

Zachary Nicolella, Yukihiro Okamoto,*
Nozomi Morishita Watanabe,
Gary Lee Thompson and Hiroshi Umakoshi*



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Morphology, repulsion, and ordering of red blood cells in viscoelastic flows under confinement

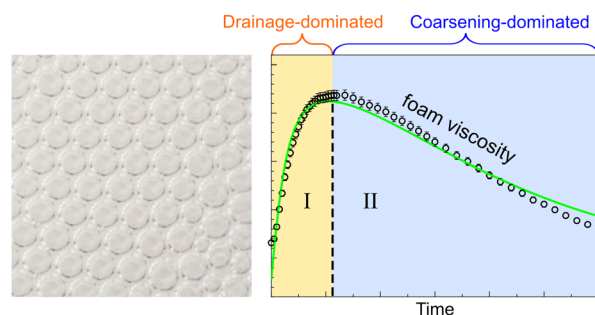
Steffen M. Recktenwald,* Yazdan Rashidi, Ian Graham, Paulo E. Arratia, Francesco Del Giudice and Christian Wagner

Rheology	<i>Newtonian</i>	<i>non-Newtonian</i>
Shape		
Clustering		
Ordering		

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The peak viscosity of decaying foam with natural drainage and coarsening

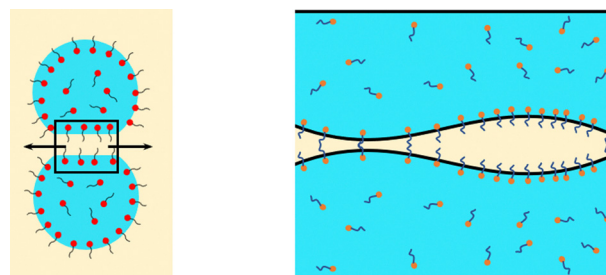
Wei Yu* and Jack H. Y. Lo*



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Rupture of thin liquid trilayer films with soluble surfactants: fundamentals and applications to droplet coalescence

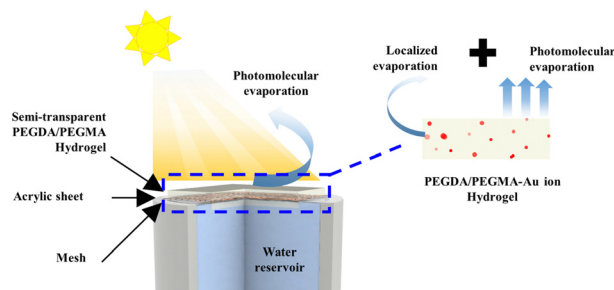
Shu Yang, Satish Kumar* and Cari S. Dutcher*



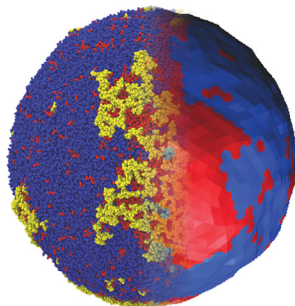
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Highly porous hydrogels for efficient solar water evaporation

Akash Ranjan Pati, Young-Su Ko, Changwoo Bae, Inhee Choi, Yun Jung Heo* and Choongyeop Lee*



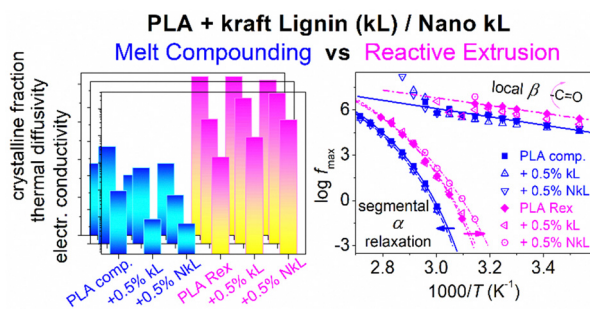
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There and back again: bridging meso- and nano-scales to understand lipid vesicle patterning

Julie Cornet, Nelly Coulonges, Weria Pezeshkian, Maël Penissat-Mahaut, Hermes Desgrez-Dautet, Siewert J. Marrink, Nicolas Destainville,* Matthieu Chavent* and Manoel Manghi*

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Structure–property relationships in renewable composites of poly(lactic acid) reinforced by low amounts of micro- and nano-kraft-lignin

Sofia P. Makri, Panagiotis A. Klonos,* Giacomo Marra, Alexandros Zoikis Karathanasis, Ioanna Deligkiozi, Miguel Ángel Valera, Ana Mangas, Nikolaos Nikolaidis, Zoi Terzopoulou, Apostolos Kyritsis and Dimitrios N. Bikiaris*

