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### Inside cover

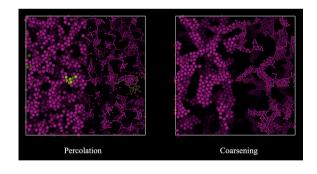
See Martin Dehnert, Robert Magerle et al.. pp. 7917-7924. Image reproduced by permission of Martin Dehnert and Robert Magerle from Soft Matter, 2025, 21, 7917. Image credit: Martin Dehnert and Robert Magerle

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### 7904

Emergence and evolution of a particulate network during gelation and coarsening of attractive colloids

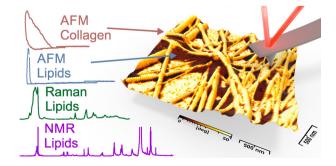
Paniz Haghighi, Mohammad Nabizadeh and Safa Jamali\*



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Triacylglycerols affect the water content and cohesive strength of collagen fibrils

Martin Dehnert,\* Tiberius Klose, Yang Pan, Dietrich R. T. Zahn, Maximilian Voigtländer, Johannes F. Teichert and Robert Magerle\*





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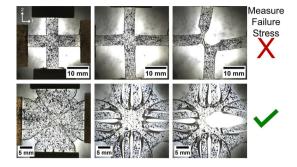


# **PAPERS**

# 7925

# Controlling the local compliances of cruciform samples to probe equibiaxial failure

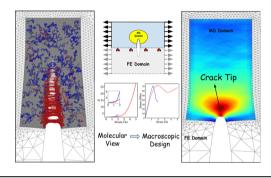
Majed N. Saadawi and Christopher W. Barney\*



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# Nanoscale mechanisms of crack-tip evolution in glassy polymers: hybrid particle-continuum simulations

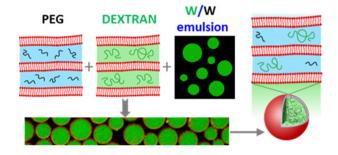
Saeed Norouzi,\* Xinxin Deng, Rachel Furge and Florian Müller-Plathe



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# Emulsification of lyotropic lamellar phases: new formulation routes for stabilized water-in-water emulsions

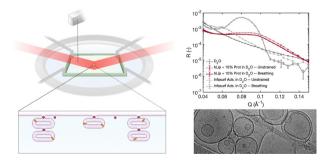
Yohann Chapuis, Daniel Ackermann, Florian Martinez, Zoé Lecomte, Andréa Dibamba, Louise Labeyrie, Noëmie Coudon, Ahmed Bentaleb, Jean-Paul Douliez, Etienne Ducrot, Nicolas Martin, Frédéric Nallet\* and Laurence Navailles\*



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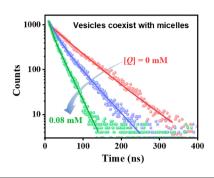
# Comparative structural and rheological analysis of model and clinical surfactants: role of protein-enriched multilayers and bulk supply

Maria C. Novaes-Silva, Mariana Rodríguez-Hakim, Ainhoa Collada, Benjamin R. Thompson, Pablo Sanchez-Puga, Kiet Pham, Javier Tajuelo, Philipp Gutfreund, Jesús Pérez-Gil, Miguel A. Rubio, Norman J. Wagner and Jan Vermant\*



# **PAPERS**

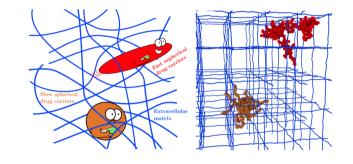
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Aggregation numbers and fluorescence quenching kinetics of simple single-tailed amphiphilic vesicles of alkyltrimethylammonium bromides in water

Feixue Gong, Na Du and Wanguo Hou\*

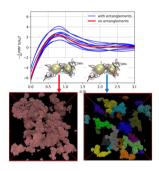
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Machine learning of the anomalous diffusion of branched polymers in crosslinked networks

Utku Gürel, Ties Leenstra and Andrea Giuntoli\*

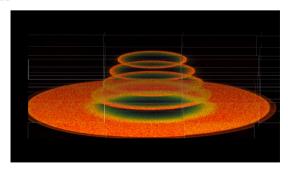
# 7996



Effective interactions between grafted nanoparticles in polymer melts: challenging full-scale simulations, effect of entanglements and morphology of clusters

Semen Vasin, Iurii Chubak, Catherine Gauthier and Marc Couty\*

### 8018



Unveiling droplet morphologies: real-time viscosity mapping reveals the physics of drying polymer solutions

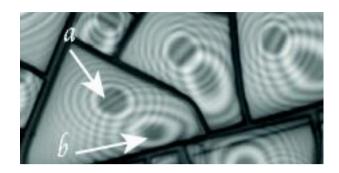
Elham Mirzahossein, Marion Grzelka and Daniel Bonn\*

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### 8025

# Interfacial healing driven by wetting of nanoparticle films

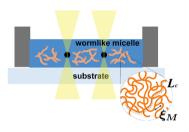
Claire Hotton,\* Jean-Philippe Renault and Ludovic Pauchard\*

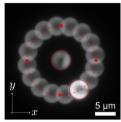


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# Colloidal hydrodynamic interactions in viscoelastic fluids

Dae Yeon Kim, Sachit G. Nagella, Saksham Malik, Nayeon Park, Jaewook Nam, Eric S. G. Shaqfeh and Sho C. Takatori\*

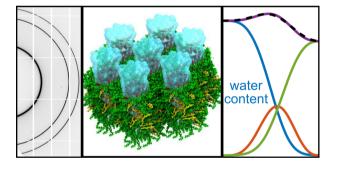




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# Combining SAXS analysis and MD simulation to determine structure and hydration of ionizable lipid hexagonal phases

Julian Philipp, Akhil Sudarsan, Ekaterina Kostyurina, Viktoriia Meklesh, Monica Berglund, Michael Rappolt, Jan Westergren, Lennart Lindfors, Nadine Schwierz and Joachim O. Rädler\*



### 8060

# Accelerated small angle neutron scattering algorithms for polymeric materials

Kexin Dai and Bradley D. Olsen\*

