

# Soft Matter

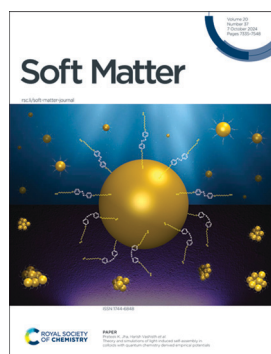
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## IN THIS ISSUE

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### Cover

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### Inside cover

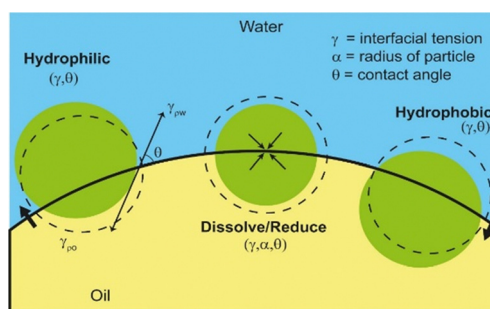
See Melissa Rinaldin, Daniela J. Kraft *et al.*, pp. 7379–7386. Image reproduced by permission of Melissa Rinaldin from *Soft Matter*, 2024, 20, 7379.

## REVIEW

7344

### Demulsification of Pickering emulsions: advances in understanding mechanisms to applications

Gloria Hernandez-Rodriguez, Elizabeth Tenorio-Garcia, Rammile Ettelaie, Sergey V. Lishchuk, David Harbottle, Brent S. Murray and Anwesha Sarkar\*

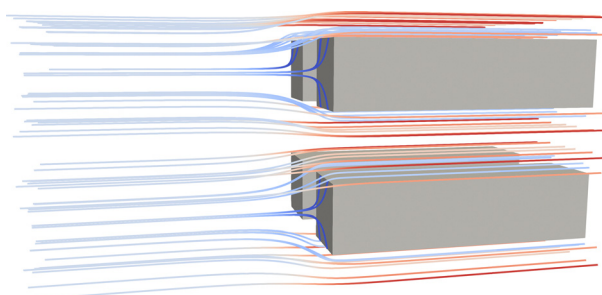


## COMMUNICATIONS

7357

### Estimating the interfacial permeability for flow into a poroelastic medium

Zelai Xu, Pengtao Yue and James J. Feng\*



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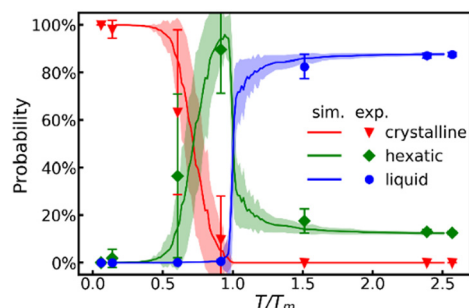
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7362

### Observation of the hexatic phase in a two-dimensional complex plasma using machine learning

Xin-Chi Du, Wei Yang,\* Volodymyr Nosenko, Yang Miao, Wen-Xin Li, Jia-Yi Yu, He Huang and Cheng-Ran Du

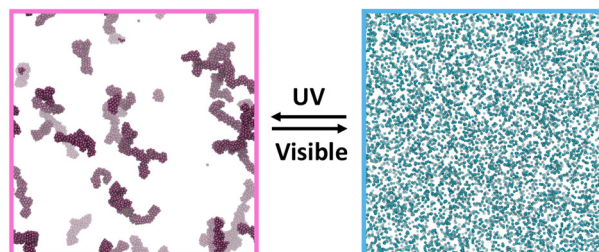


PAPERS

7367

### Theory and simulations of light-induced self-assembly in colloids with quantum chemistry derived empirical potentials

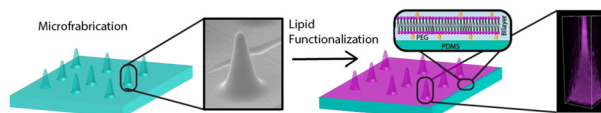
Remya Ann Mathews Kalapurakal, Prateek K. Jha\* and Harish Vashisth\*



7379

### Lipid membranes supported by polydimethylsiloxane substrates with designed geometry

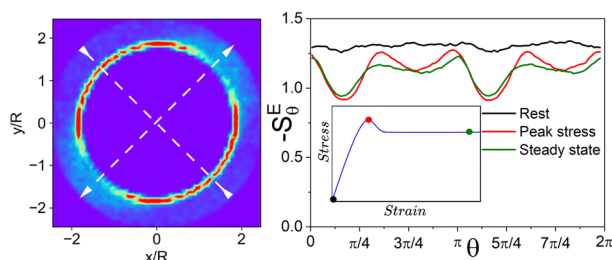
Melissa Rinaldin,\* Sebastiaan L. D. ten Haaf, Ernst J. Vegter, Casper van der Wel, Piermarco Fonda, Luca Giomi and Daniela J. Kraft\*



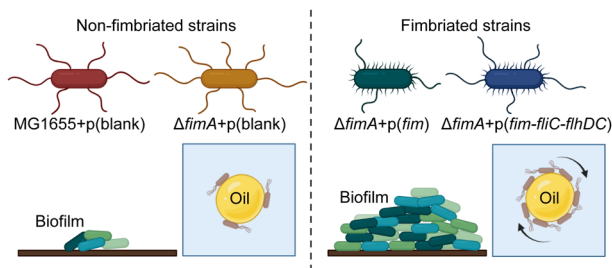
7387

### Thermodynamics description of startup flow of soft particles glasses

Nazanin Sadeghi, Hrishikesh Pable and Fardin Khabaz\*



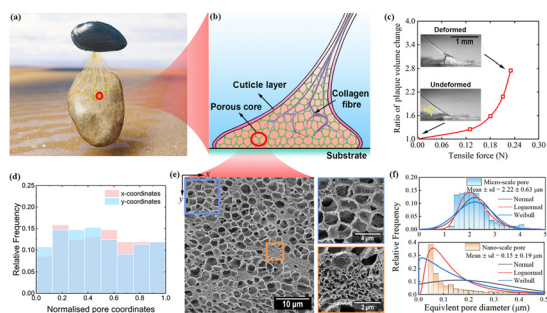
7397



### Co-Expression of type 1 fimbriae and flagella in *Escherichia coli*: consequences for adhesion at interfaces

Udayanidhi Ramesh Kumar, Nam T. Nguyen, Narendra K. Dewangan, Sayed Golam Mohiuddin, Mehmet A. Orman, Patrick C. Cirino\* and Jacinta C. Conrad\*

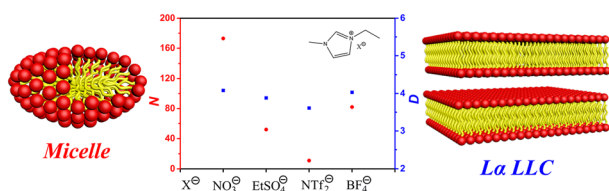
7405



### Unveiling the deformability of mussel plaque core: the role of pore distribution and hierarchical structure

Yulan Lyu, Mengting Tan, Yong Pang, Wei Sun, Shuguang Li and Tao Liu\*

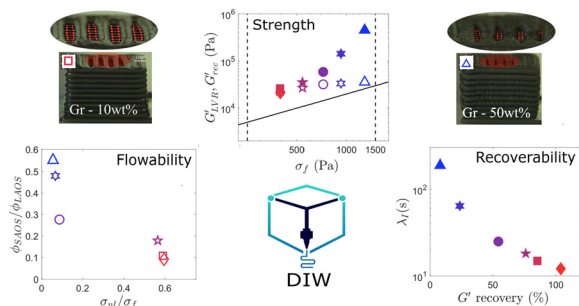
7420



### Self-assembly of the imidazolium surfactant in aprotic ionic liquids. The anion effect of aprotic ionic liquids

Yue Pan, Chunhua Zhao, Ruirui Wang, Mingjie Zhu, Wenchang Zhuang and Qintang Li\*

7429



### Interplay between yielding, 'recovery', and strength of yield stress fluids for direct ink writing: new insights from oscillatory rheology

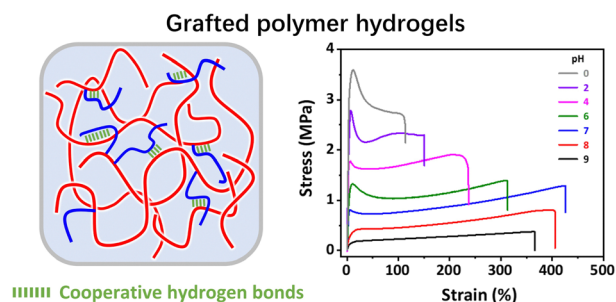
Rishav Agrawal\* and Esther García-Tuñón\*



7448

### Tough supramolecular hydrogels of poly(*N,N*-dimethylacrylamide)-grafted poly(methacrylic acid) with cooperative hydrogen bonds as physical crosslinks

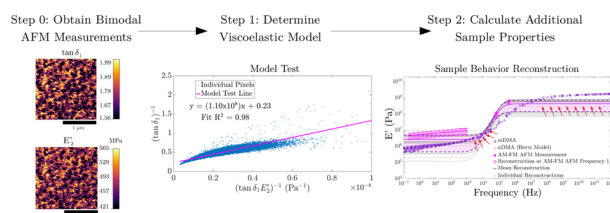
Cuihong Ma, Cong Du,\* Qing Bo Tong, Xin Ning Zhang, Miao Du, Qiang Zheng and Zi Liang Wu\*



7457

### Enhancing nanoscale viscoelasticity characterization in bimodal atomic force microscopy

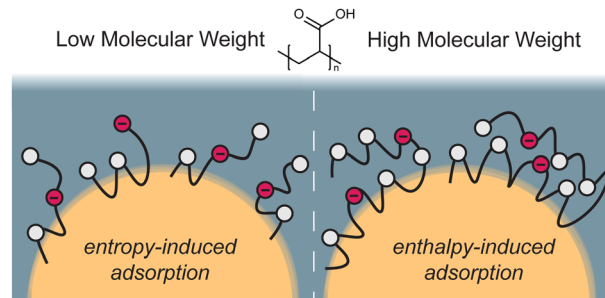
Casey Erin Adam, Alba Rosa Piacenti, Sarah L. Waters and Sonia Contera\*



7471

### Bulking up: the impact of polymer sterics on emulsion stability

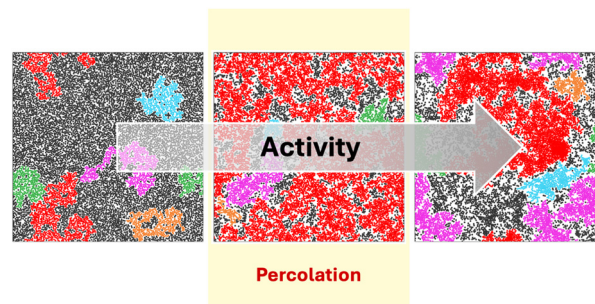
Ashley N. Mapile and Lawrence F. Scatena\*



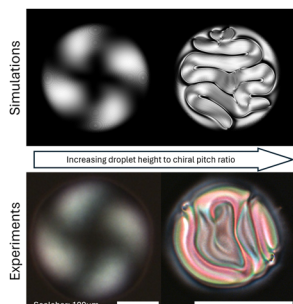
7484

### Re-entrant percolation in active Brownian hard disks

David Evans, José Martin-Roca, Nathan J. Harmer, Chantal Valeriani and Mark A. Miller\*



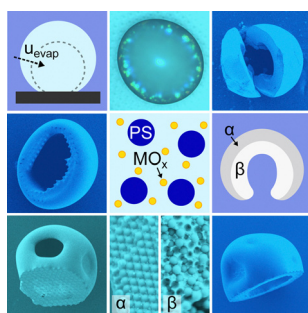
7493



### Topologically frustrated structures in inkjet printed chiral nematic liquid crystal droplets – experiments and simulations

Alva C. J. Orr, Xuke Giu, Waqas Kamal, Thomas C. Sykes, Steve J. Elston, Julia M. Yeomans, Stephen M. Morris\* and Alfonso A. Castrejón-Pita\*

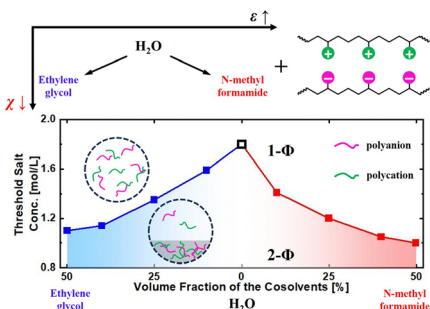
7502



### Functional supraparticles produced by the evaporation of binary colloidal suspensions on superhydrophobic surfaces

Anna V. Shneidman,\* Cathy T. Y. Zhang, Nikolaj K. Mandsberg, Vittoria C. T. M. Picece, Elijah Shirman, Gurminder K. Paink, Natalie J. Nicolas and Joanna Aizenberg\*

7512

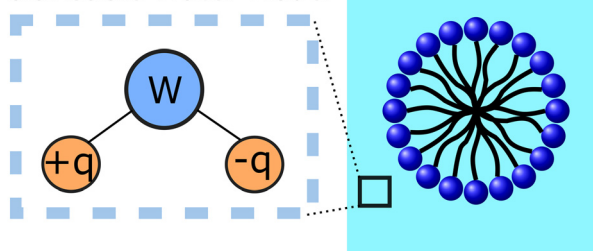


### Effect of cosolvents on the phase separation of polyelectrolyte complexes

Yuanchi Ma,\* Robert J. S. Ivancic, Jan Obrzut, Debra J. Audus and Vivek M. Prabhu\*

7521

### Polarisable Water Model



### DPD simulations of anionic surfactant micelles: a critical role for polarisable water models

Rachel L. Hendrikse,\* Carlos Amador and Mark R. Wilson



7535

## Polymer chain transport investigated using surface enhanced Raman spectroscopy: monitoring of diffusion kinetics on meso-structured plasmonic substrates

Adrián P. Cisilino,\* Carla D. Di Monno and J. Pablo Tomba\*

