

# Soft Matter

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## IN THIS ISSUE

ISSN 1744-6848 CODEN SMOABF 20(44) 8719–8928 (2024)



### Cover

See Patrizio Raffa et al., pp. 8727–8741.  
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### Inside cover

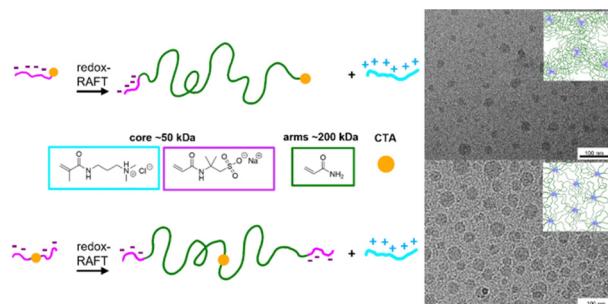
See William E. Uspal et al., pp. 8742–8764.  
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Artist credit: Otakar Bares.

## PAPERS

8727

### Lowest gelation concentration in a complex-coacervate-driven self-assembly system, achieved by redox-RAFT synthesis of high molecular weight block polyelectrolytes

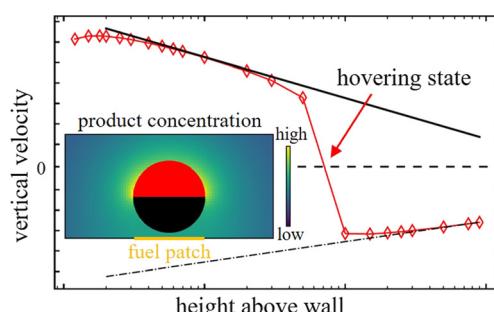
Aleksander Guzik, Fabrice de Maere d'Aertrycke, Marc C. A. Stuart and Patrizio Raffa\*



8742

### Chemotactic behavior for a self-phoretic Janus particle near a patch source of fuel

Viviana Mancuso, Mihail N. Popescu and William E. Uspal\*





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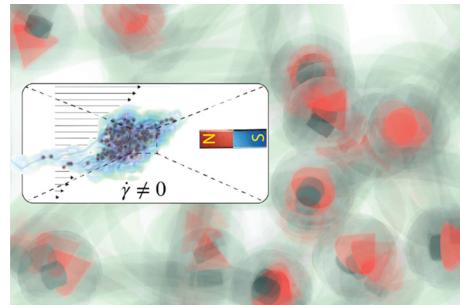


## PAPERS

8765

**The impact of cross-linker distribution on magnetic nanogels: encapsulation, transport and controlled release of the tracer**

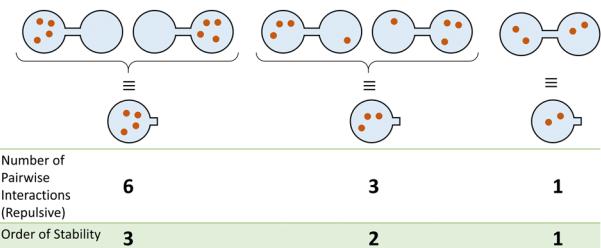
Ivan S. Novikau,\* Ekaterina V. Novak and Sofia S. Kantorovich



8775

**Stochastic migrations of Marangoni surfers between two lobes of a dumbbell-shaped confinement**

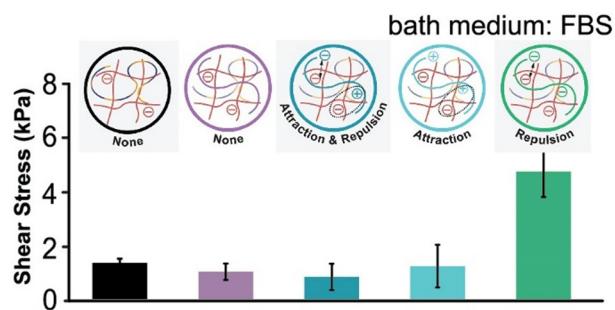
Alakesh Upadhyaya and V. S. Akella\*



8783

**Network interactions simultaneously enhance stiffness and lubricity of triple-network hydrogels**

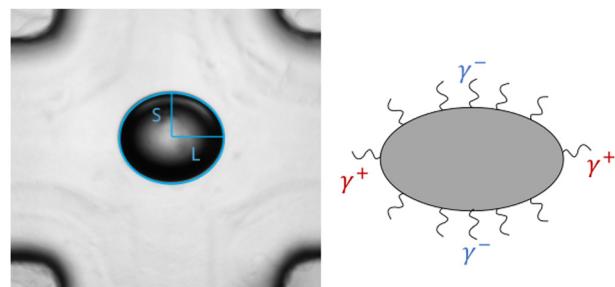
Nabila Ali, Connor J. Demott, Olivia F. Dingus, Melissa A. Grunlan and Alison C. Dunn\*



8793

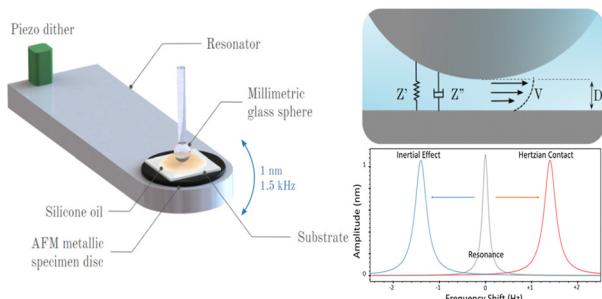
**Drop deformation in a planar elongational flow: impact of surfactant dynamics**

Julian Wailliez, Paul Regazzi, Anniina Salonen, Paul G. Chen, Marc Jaeger, Marc Leonetti and Emmanuelle Rio\*



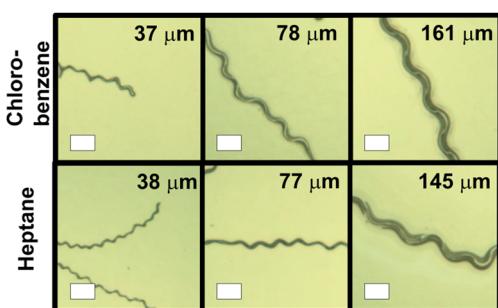
## PAPERS

8804

**Long range signature of liquid's inertia in nanoscale drainage flows**

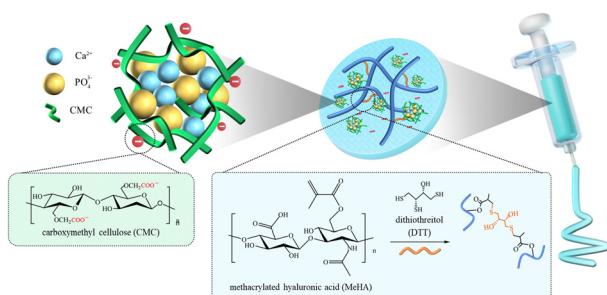
Nathan Bigan, Mathieu Lizée, Marc Pascual, Antoine Niguès, Lydéric Bocquet and Alessandro Saria\*

8812

**Telephone cord blister formation in solvent swollen elastomer films**

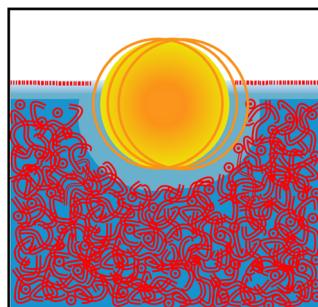
James S. Sharp,\* Nathaniel M. Roberts and Sam Walker

8824

**Carboxymethyl cellulose-stabilized calcium phosphate particles for injectable hydrogel-based bone tissue engineering**

Piyaporn Srisura, Yuwaporn Pinyakit, Umphan Ngoensawat, Pongsakorn Yuntasiri, Khoiria Nur Atika Putri, Theerapat Chanamuangkon, Waranyoo Phoolcharoen, Varol Intasanta and Voravee P. Hoven\*

8835

**Microrheology of gemini surfactants at interfaces and in solutions in the dilute and semidilute regimes**

Mayssa Medfai, Antonio Stocco,\* Christophe Blanc, Maurizio Nobili and Martin In\*

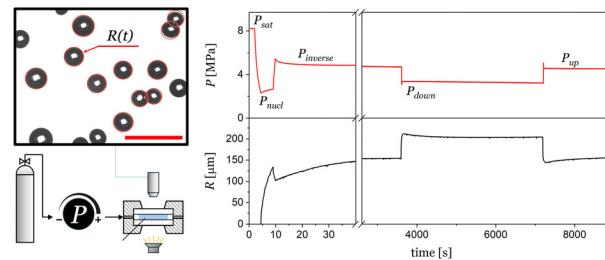


## PAPERS

8845

**Bubble dynamics manipulation in polymeric foaming**

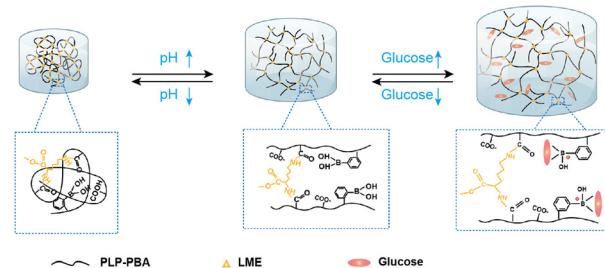
Lorenzo Miele, Antonio Abate, Kentaro Taki\* and Ernesto Di Maio\*



8855

**pH and glucose dual-responsive phenylboronic acid hydrogels for smart insulin delivery**

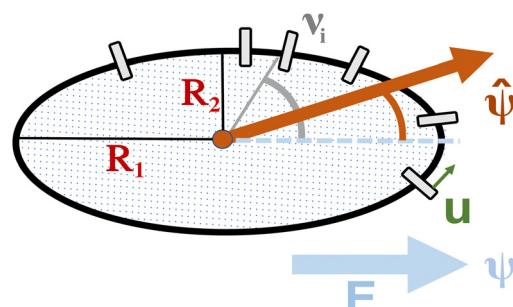
Keke Yang, Hou Bo, Dewei Ma, Mingwei Peng, Qinglong Liu, Ziwen Heng, Zhongwei Gu, Xuhan Liu\* and Siyuan Chen\*



8866

**Cell shape and orientation control galvanotactic accuracy**

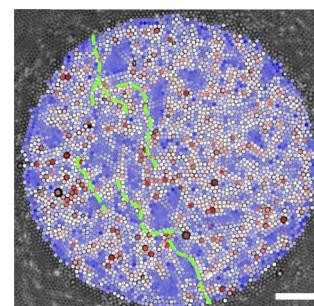
Ifunanya Nwogbaga\* and Brian A. Camley



8888

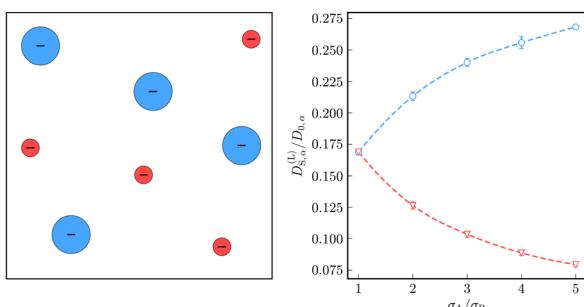
**Linking local microstructure to fracture location in a two-dimensional amorphous solid under isotropic strain**

Max Huisman,\* Axel Huerre, Saikat Saha, John C. Crocker and Valeria Garbin\*



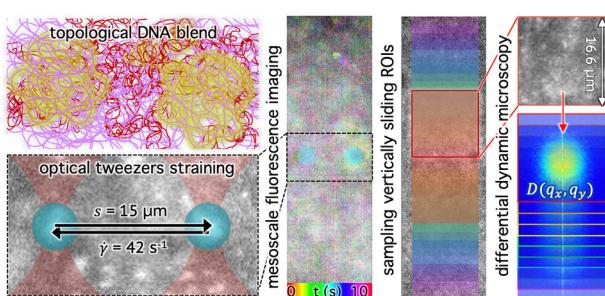
## PAPERS

8897

**Coupled dynamics in binary mixtures of model colloidal Yukawa systems**

Daniel Weidig and Joachim Wagner\*

8909

**Mapping deformation dynamics to composition of topologically-active DNA blends**

Karthik R. Peddireddy, Ryan McGorty and Rae M. Robertson-Anderson\*

## RETRACTIONS

8924

**Retraction: Self-assembled organic nanotubes embedding hydrophobic molecules within solid bilayer membranes**

Naohiro Kameta,\* Masumi Asakawa, Mitsutoshi Masuda and Toshimi Shimizu\*

8925

**Retraction: Supramolecular organic nanotubes: how to utilize the inner nanospace and the outer space**

Naohiro Kameta, Hiroyuki Minamikawa and Mitsutoshi Masuda\*

