# Soft Matter

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ISSN 1744-6848 CODEN SMOABF 19(13) 2289-2456 (2023)



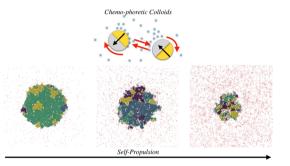
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### PAPERS

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The interplay between chemo-phoretic interactions and crowding in active colloids

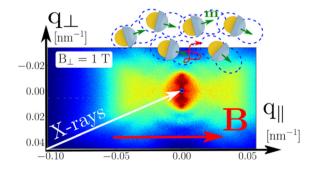
Federico Fadda, Daniel A. Matoz-Fernandez,\* René van Roij and Sara Jabbari-Farouji\*



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### Dynamics of magnetic Janus colloids studied by ultra small-angle X-ray photon correlation spectroscopy

Thomas Zinn, Lewis Sharpnack and Theyencheri Narayanan\*



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Soft Matter (electronic: ISSN 1744-6848)

is published 48 times a year by the Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, UK CB4 OWF.

All orders, with cheques made payable to the Royal Society of Chemistry, should be sent to the Royal Society of Chemistry Order Department, Royal Society of Chemistry,

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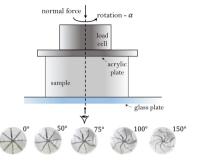
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#### 2319

Torsion-induced stick-slip phenomena in the delamination of soft adhesives

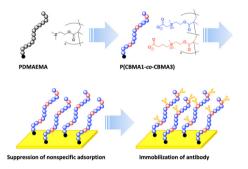
Tara K. Venkatadri, Thomas Henzel and Tal Cohen\*



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Synthesis of a novel carboxybetaine copolymer with different spacer lengths and inhibition of nonspecific protein adsorption on its polymer film

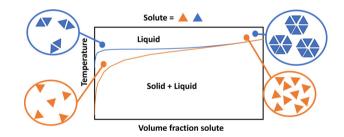
Nobuo Murase,\* Hideharu Kurioka, Chisato Komura, Hiroharu Ajiro and Tsuyoshi Ando\*



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Influence of solute association on the phase behavior of 12-hydroxystearic acid/*n*-alkane solutions

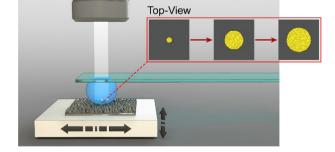
Tzu-Yu Lai, Fardin Khabaz and Kevin A. Cavicchi\*



#### 2350

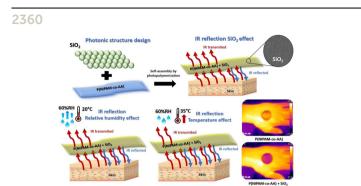
# Through-drop imaging of moving contact lines and contact areas on opaque water-repellent surfaces

Arthur Vieira, Wenjuan Cui, Ville Jokinen, Robin H. A. Ras\* and Quan Zhou\*



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**±**10



(a

ρ 0.2 Δ 0.3 □ 0.4

 $10^{2}$ 

10

 $\ell_{M}(t)$ 

10

10

ρ 0.2 Δ 0.3 □ 0.4

 $10^{2}$ 

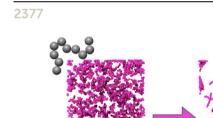
10<sup>1</sup> t

## Environmentally responsive hydrogel composites for dynamic body thermoregulation

- M. Garzón Altamirano, M. G. Abebe, N. Hergué,
- J. Lejeune, A. Cayla, C. Campagne, B. Maes,
- E. Devaux, J. Odent\* and J. M. Raquez

## Accelerated inertial regime in the spinodal decomposition of magnetic fluids

Anuj Kumar Singh and Varsha Banerjee\*

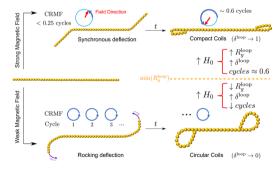


10<sup>1</sup> t

# Understanding the balance between additives' miscibility and plasticisation effect in polymer composites: a computational study

Giuliana Giunta,\* Lois Smith, Kristof Bartha, H. Ali Karimi-Varzaneh and Paola Carbone\*

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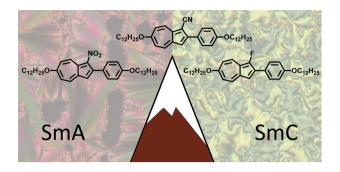
# Coiling of semiflexible paramagnetic colloidal chains

Aldo Spatafora-Salazar, Steve Kuei, Lucas H. P. Cunha and Sibani Lisa Biswal\*

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# Tailoring liquid crystalline self-assembly and de Vries behavior of azulenes *via* lateral and core substitution

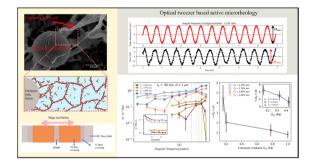
Finn Schulz, Bettina Lutz, Daniel Rück, Derman Batman, Wolfgang Frey and Sabine Laschat\*



#### 2407

Correlating microscopic viscoelasticity and structure of an aging colloidal gel using active microrheology and cryogenic scanning electron microscopy

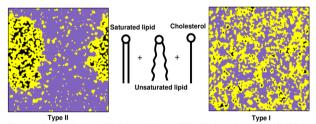
Rajkumar Biswas, Vaibhav Raj Singh Parmar, Anson G Thambi and Ranjini Bandyopadhyay\*



### 2417

# A lattice model of ternary mixtures of lipids and cholesterol with tunable domain sizes

Tanmoy Sarkar and Oded Farago\*

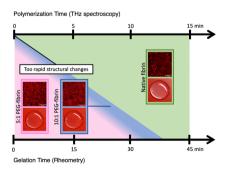


We present a lattice model of ternary lipid-cholesterol mixtures, exhibiting either local or thermodynamic liquid-liqui coexistence.

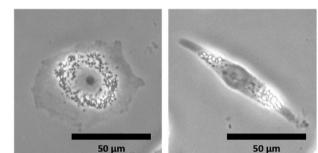
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# PEG-fibrin conjugates: the PEG impact on the polymerization dynamics

Alesia A. Bakulina, Guzel R. Musina, Arsenii A. Gavdush, Yuri M. Efremov, Gennady A. Komandin, Massoud Vosough, Anastasia I. Shpichka,\* Kirill I. Zaytsev\* and Peter S. Timashev\*



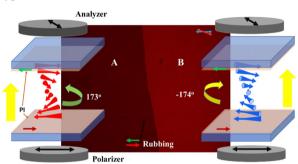
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# Substrate viscoelasticity affects human macrophage morphology and phagocytosis

Nikita Kalashnikov and Christopher Moraes\*

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Jeong-Seon Yu, Jae Hoon Lee, Jun-Yong Lee and Jong-Hyun Kim\*