

# Soft Matter

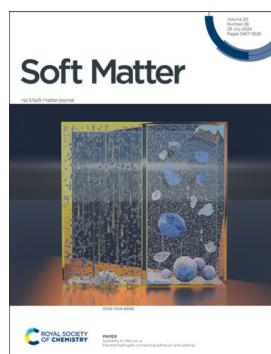
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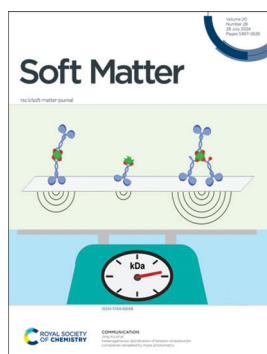
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ISSN 1744–6848 CODEN SMOABF 20(28) 5467–5626 (2024)



### Cover

See Sushanta K. Mitra *et al.*, pp. 5516–5526. Image reproduced by permission of Sushanta K. Mitra from *Soft Matter*, 2024, 20, 5516.



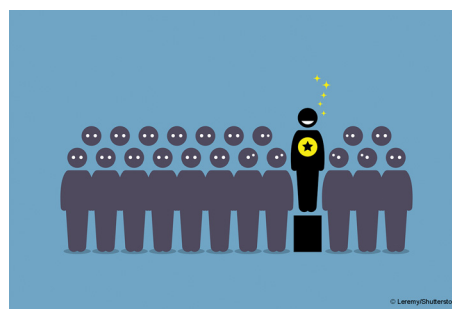
### Inside cover

See Jing Xu *et al.*, pp. 5509–5515. Image reproduced by permission of Keir C. Neuman from *Soft Matter*, 2024, 20, 5509.

## EDITORIAL

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### Outstanding Reviewers for *Soft Matter* in 2023



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### Dynamic duos: the building blocks of dimensional mechanics

Marc A. Fardin,\* Mathieu Hautefeuille and Vivek Sharma



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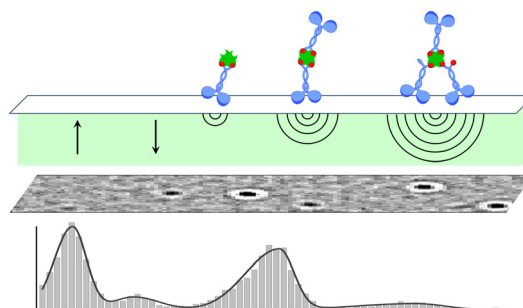


## COMMUNICATION

5509

## Heterogeneous distribution of kinesin–streptavidin complexes revealed by mass photometry

Jing Xu,\* Nathaniel J. S. Brown, Yeonee Seol and Keir C. Neuman

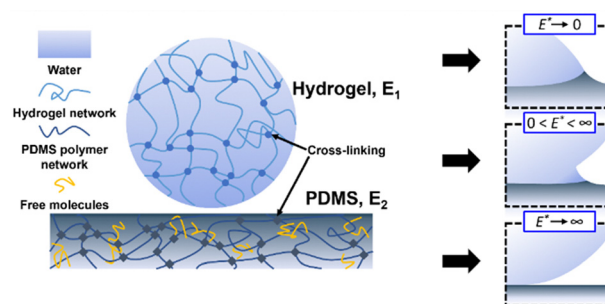


## PAPERS

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## Flexible hydrogels connecting adhesion and wetting

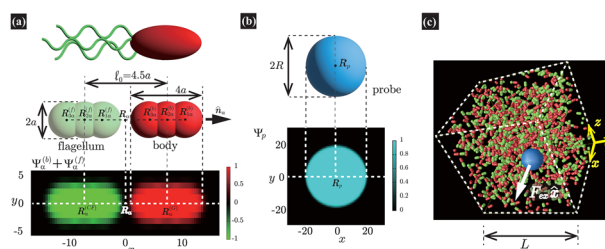
A-Reum Kim, Surjyasish Mitra, Sudip Shyam, Boxin Zhao and Sushanta K. Mitra\*



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## Microrheology of active suspensions

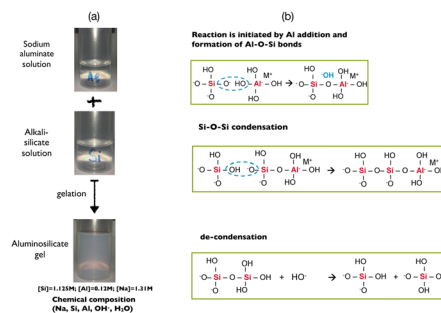
Takahiro Kanazawa and Akira Furukawa\*



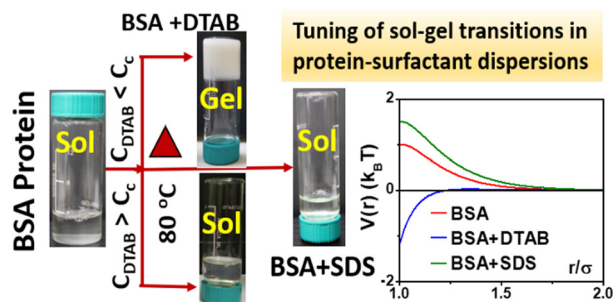
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## Aluminosilicate colloidal gels: from the early age to the precipitation of zeolites

Arnaud Poulesquen,\* Donatien Gomes Rodrigues, Bavand Keshavarz, Nicolas Courtois, Jan Ilavsky and Gareth H. McKinley



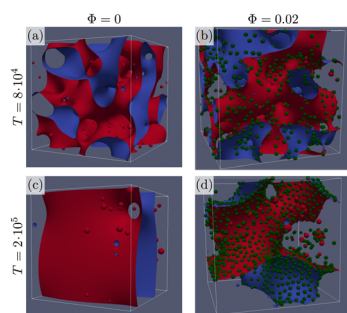
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### Evolution of the structure and interaction in the surfactant-dependent heat-induced gelation of protein

Sugam Kumar\* and Vinod K. Aswal\*

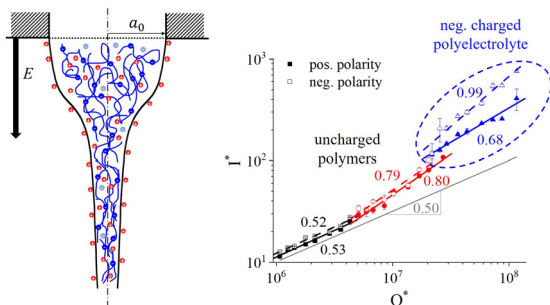
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### The impact of viscosity asymmetry on phase separating binary mixtures with suspended colloids

Javeria Siddiqui, Joan Codina, Ignacio Pagonabarraga and Jure Dobnikar\*

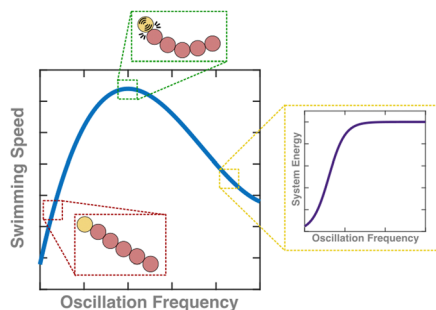
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### Charge transport in electrospinning of polyelectrolyte solutions

Patrick Martin and Eyal Zussman\*

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### Influence of the frequency on undulatory swimming speed in granular media

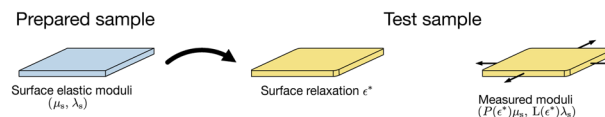
Iñaki Echeverría-Huarte, Margarida M. Telo da Gama and Nuno A. M. Araújo\*



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## From a distance: Shuttleworth revisited

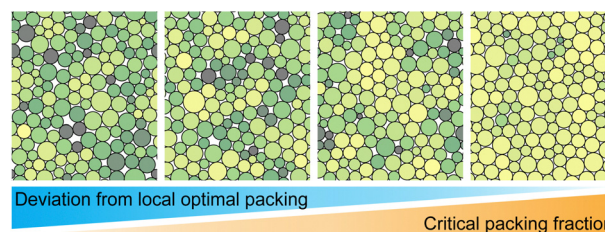
Stefanie Heyden and Nicolas Bain



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## Exceptionally dense and resilient critically jammed polydisperse disk packings

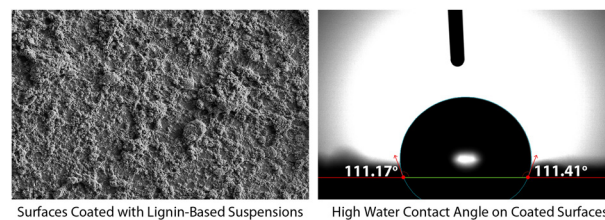
Sangwoo Kim\* and Sascha Hilgenfeldt



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## A simple approach to produce hydrophobic biobased coatings using methylcellulose and organosolv lignin

Kourosh Mobredi, Isaac Y. Miranda-Valdez, Tero Mäkinen,\* Juha Koivisto and Mikko J. Alava



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## Revisiting the strain-induced softening behaviour in hydrogels

L. K. R. Duarte and L. G. Rizzi\*

