

Soft Matter

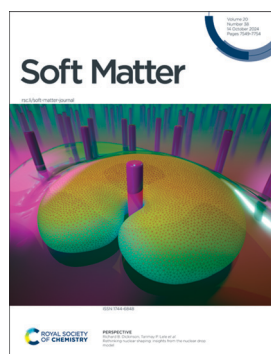
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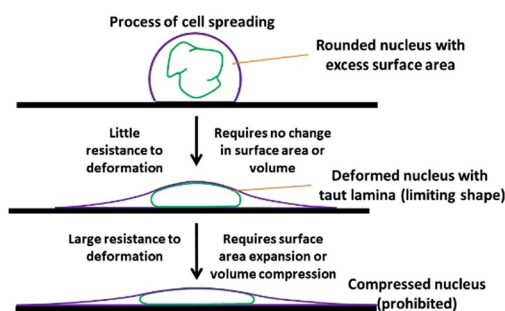
See Takeshi Ueki *et al.*, pp. 7566–7572. Image reproduced by permission of Takeshi Ueki from *Soft Matter*, 2024, 20, 7566.

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Rethinking nuclear shaping: insights from the nuclear drop model

Richard B. Dickinson,* Samere Abolghasemzade and Tanmay P. Lele*

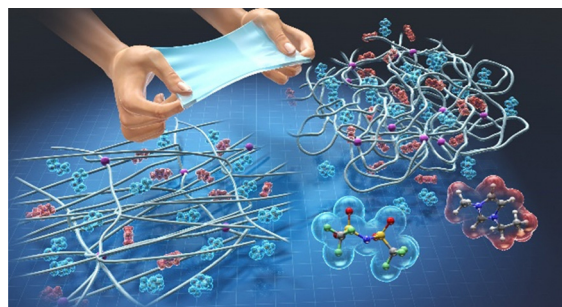


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Straightforward preparation of a tough and stretchable ion gel

Aya Saruwatari, Yuji Kamiyama, Akifumi Kawamura, Takashi Miyata, Ryota Tamate and Takeshi Ueki*



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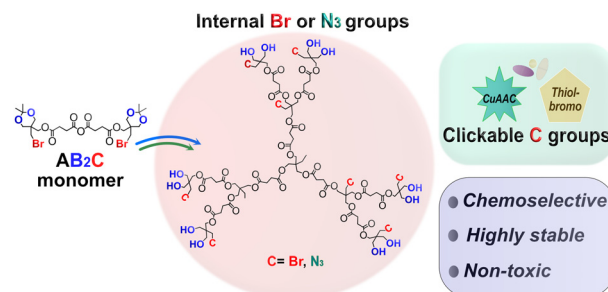


COMMUNICATIONS

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Synthesis, evaluation and modification of heterofunctional polyester dendrimers with internally queued bromide groups

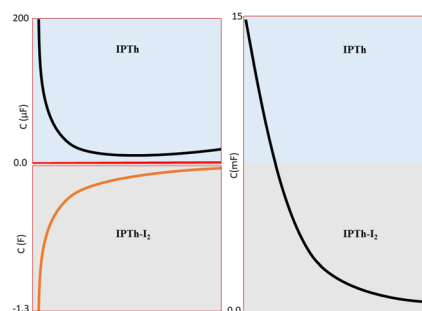
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Devendra Kumar, Rudramani Tiwari, Dipendra Kumar Verma, Shashikant Yadav, Km. Parwati, Rajshree Rai, Pubali Adhikary and S. Krishnamoorthi*

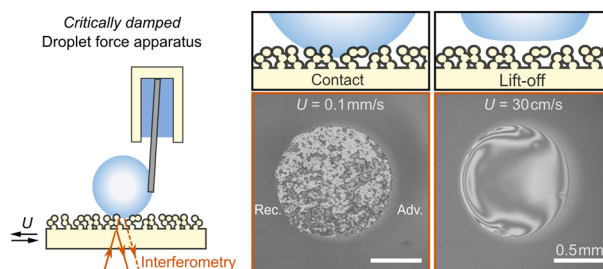


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Probing the physical origins of droplet friction using a critically damped cantilever

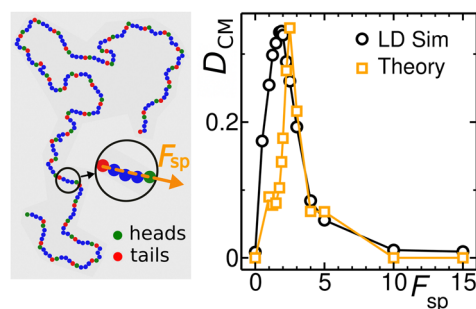
Sankara Arunachalam, Marcus Lin and Dan Daniel*



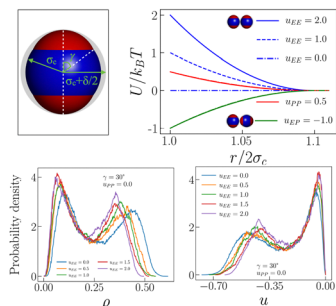
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Structural dynamics and optimal transport of an active polymer

Hamidreza Khalilian,* Fernando Peruani and Jalal Sarabadani*



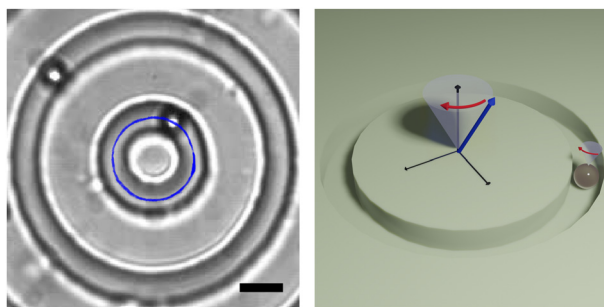
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Features of heterogeneously charged systems at their liquid–liquid critical point

Daniele Notarmuzi* and Emanuela Bianchi*

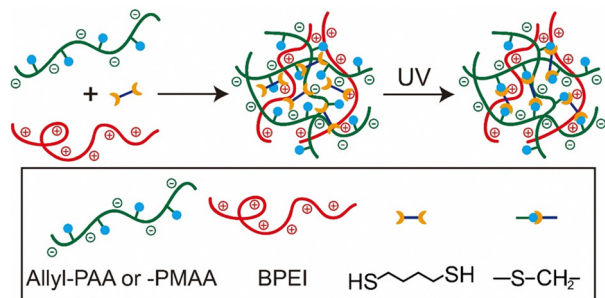
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Curvature induces and enhances transport of spinning colloids through narrow channels

Eric Cereceda-López, Marco De Corato, Ignacio Pagonabarraga, Fanlong Meng, Pietro Tierno* and Antonio Ortiz-Ambriz*

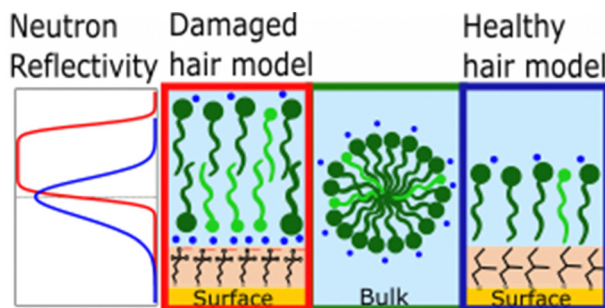
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Covalently crosslinked coacervates: immobilization and stabilization of proteins with enhanced enzymatic activity

Mengmeng Zhao, Szu-Hao Cho, Xinchu Wu, Jingyi Mao, Bryan D. Vogt* and Nicole S. Zacharia*

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Mimicking the hair surface for neutron reflectometry

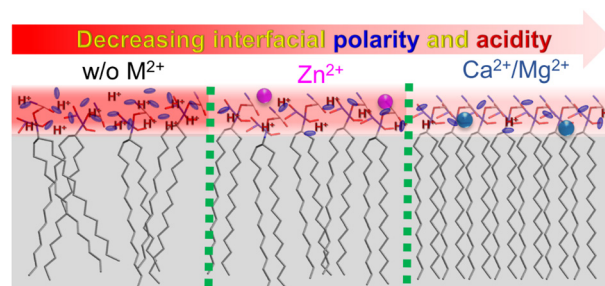
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Determination of divalent metal ion-regulated proton concentration and polarity at the interface of anionic phospholipid membranes

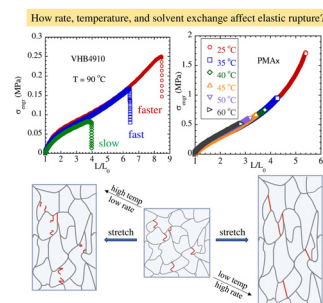
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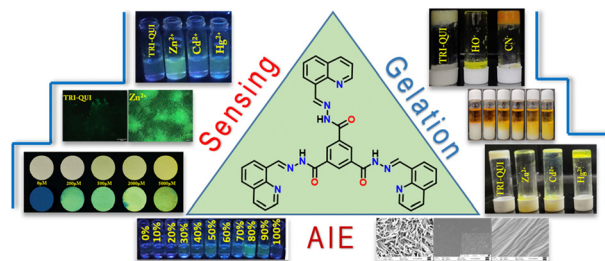
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Exploring the gelation and AIE properties of a tripodal acylhydrazone-based probe: turn-on Zn(II) sensing in HEPES buffer

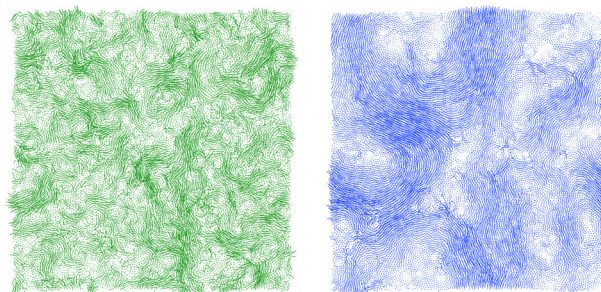
Rubi Moral and Gopal Das*



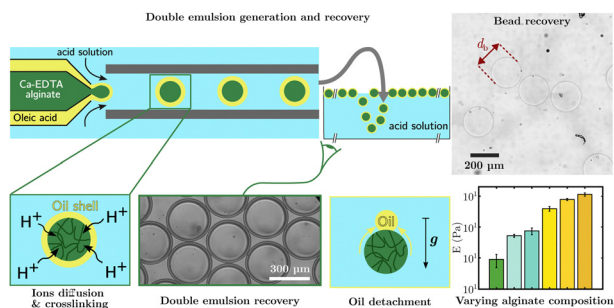
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Structural fluctuations in active glasses

Masaki Yoshida,* Hideyuki Mizuno and Atsushi Ikeda



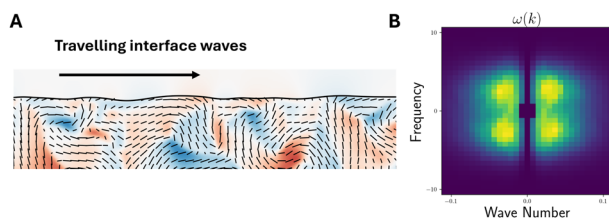
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Controlling the size and elastic modulus of in-aqueous alginate micro-beads

Jean Cappello,* Jonas Miguet, Adrien Dewandre, Lucie Ergot, Sylvain Gabriele, Jean Septavaux and Benoit Scheid

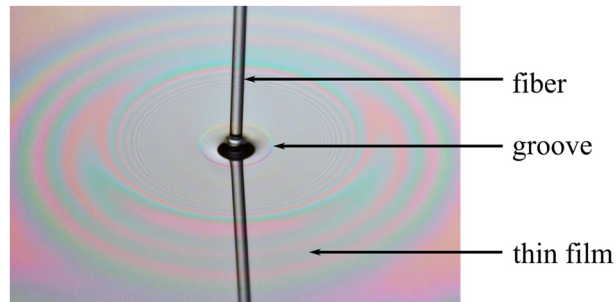
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Travelling waves at the surface of active liquid crystals

Paarth Gulati,* Fernando Caballero, Itamar Kolvin, Zhihong You and M. Cristina Marchetti

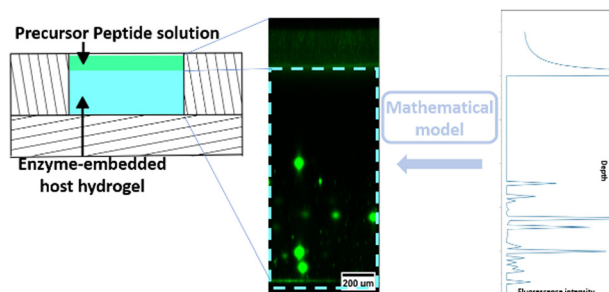
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Hydrodynamic thinning of a coating film induced by a small solid defect: evidence of a time–minimum thickness

Alice Etienne-Simonetti, Frédéric Restagno, Isabelle Cantat and Emmanuelle Rio

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Phase behavior of polymer dispersed liquid crystals, comparison between mean-field theory, and coarse-grained molecular dynamics simulations

William S. Fall, Hima Bindu Kolli, Biswaroop Mukherjee and Buddhapriya Chakrabarti*

