

Soft Matter

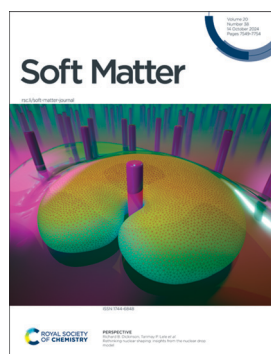
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IN THIS ISSUE

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Cover

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Inside cover

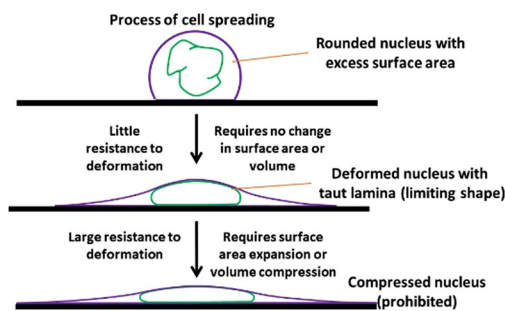
See Takeshi Ueki *et al.*, pp. 7566–7572. Image reproduced by permission of Takeshi Ueki from *Soft Matter*, 2024, 20, 7566.

PERSPECTIVE

7558

Rethinking nuclear shaping: insights from the nuclear drop model

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

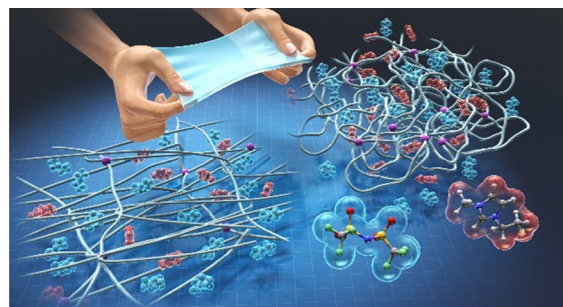


COMMUNICATIONS

7566

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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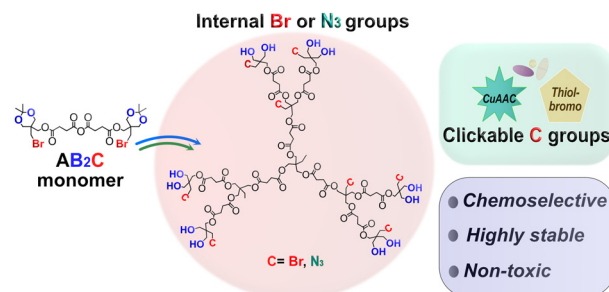


COMMUNICATIONS

7573

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

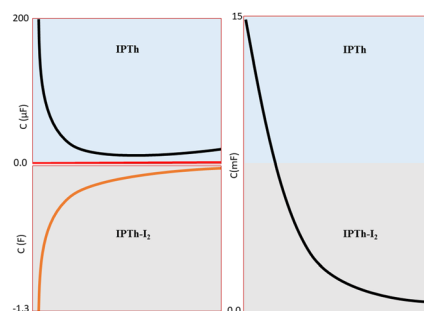
Arunika Singh, Daniel J. Hutchinson, Maria Isabel Montañez, Natalia Sanz del Olmo* and Michael Malkoch*



7578

Negative capacitance based on isomeric polythiophene in action

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

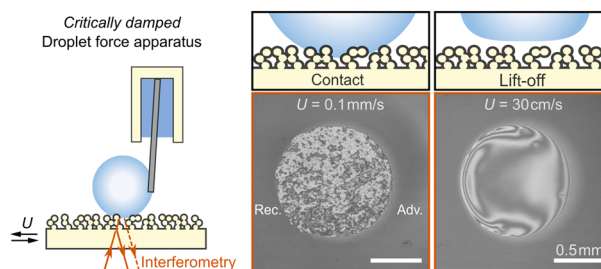


PAPERS

7583

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

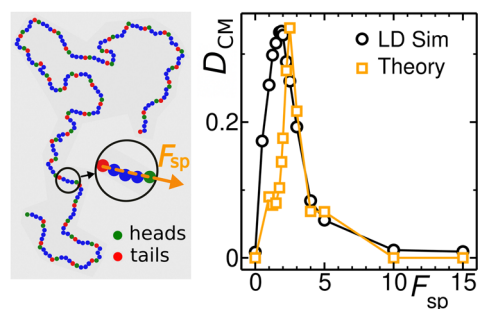
Sankara Arunachalam, Marcus Lin and Dan Daniel*



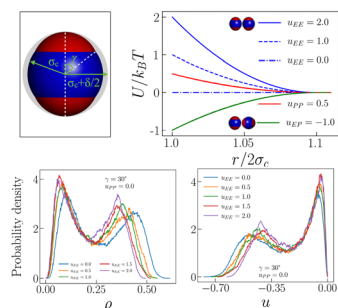
7592

Structural dynamics and optimal transport of an active polymer

Hamidreza Khalilian,* Fernando Peruani and Jalal Sarabadani*



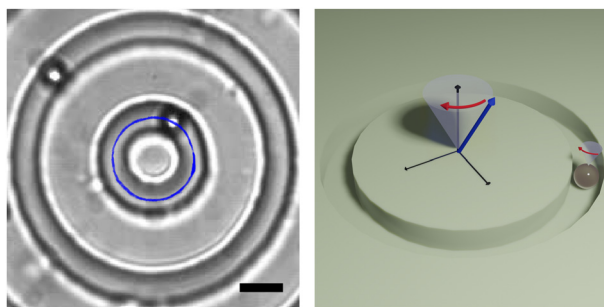
7601



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

Daniele Notarmuzi* and Emanuela Bianchi*

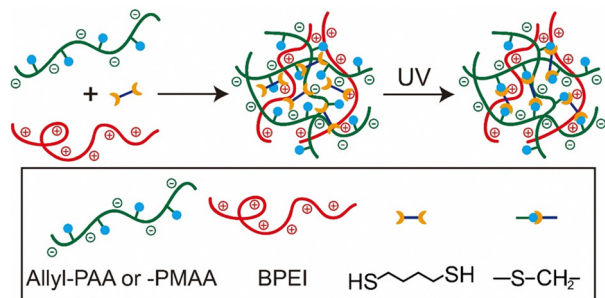
7615



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*

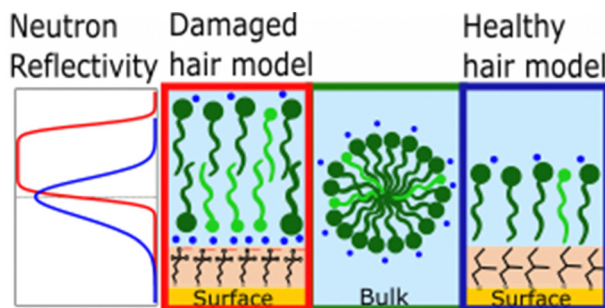
7623



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*

7634



Mimicking the hair surface for neutron reflectometry

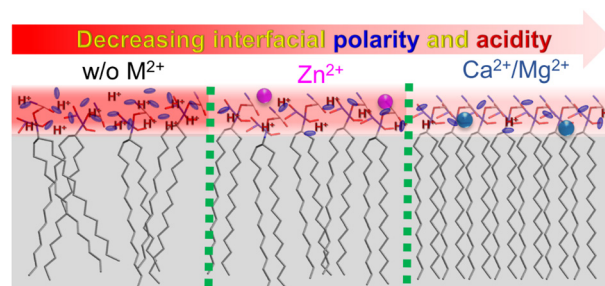
Serena Cozzolino, Philipp Gutfreund, Alexei Vorobiev, Anton Devishvili, Andrew Greaves, Andrew Nelson, Nageshwar Yepuri, Gustavo S. Luengo* and Mark W. Rutland*



7646

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

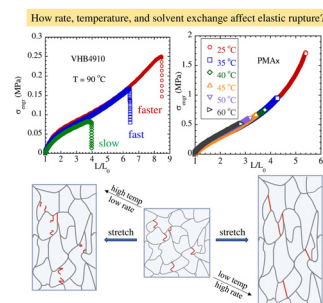
Pratima Mandal, Snigdha Roy, Manisha Karmakar, Sushil Ranjan Bhatta, Chandi Charan Ghosh, Arunabha Thakur and Partha Pratim Parui*



7657

How do stretch rate, temperature, and solvent exchange affect elastic network rupture?

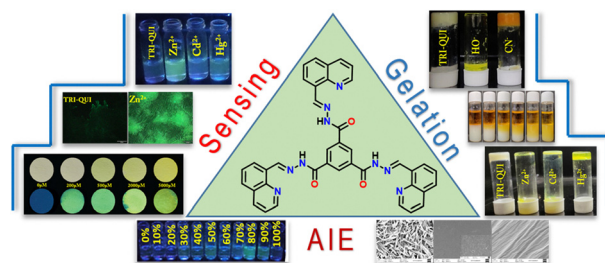
Asal Y Siavoshani, Zehao Fan, Muxuan Yang, Shan Liu, Ming-Chi Wang, Jiabin Liu, Weinan Xu, Junpeng Wang, Shaoting Lin and Shi-Qing Wang*



7668

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

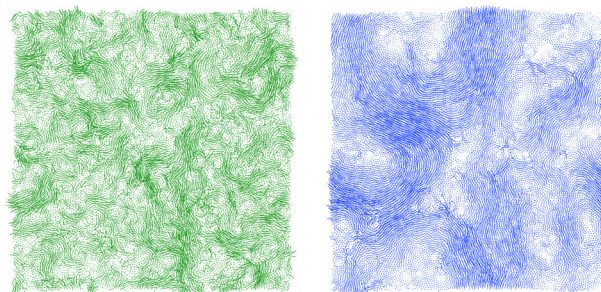
Rubi Moral and Gopal Das*



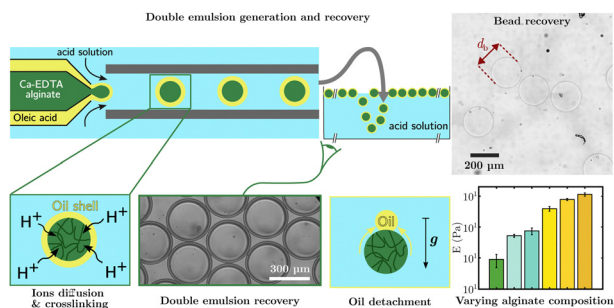
7678

Structural fluctuations in active glasses

Masaki Yoshida,* Hideyuki Mizuno and Atsushi Ikeda



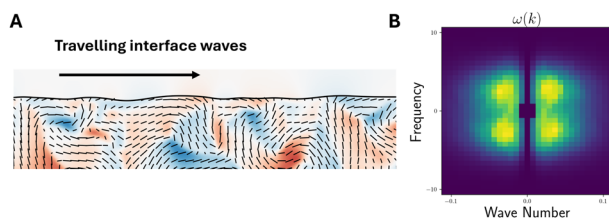
7692



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

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

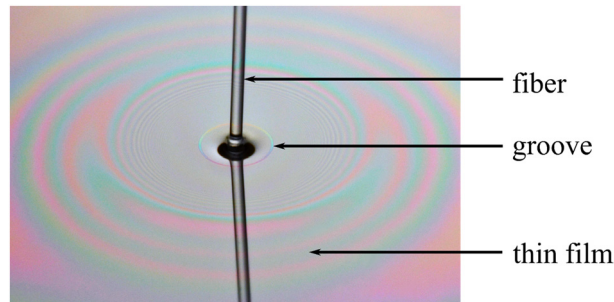
7703



Travelling waves at the surface of active liquid crystals

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

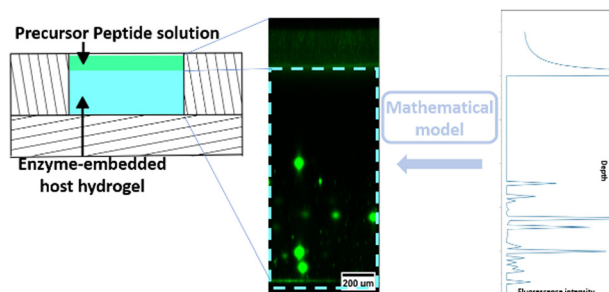
7715



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

7723



Model to rationalize and predict the formation of organic patterns originating from an enzyme-assisted self-assembly Liesegang-like process of peptides in a host hydrogel

Jean-Yves Runser, Shahaji H. More, Fatima Fneich, Timothée Boutfol, Pierre Weiss, Marc Schmutz, Bernard Senger, Loïc Jierry* and Pierre Schaaf*



7735

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*

