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IN THIS ISSUE

ISSN 1744-6848 CODEN SMOABF 20(11) 2409–2626 (2024)



Cover

See Tao Liu et al.,
pp. 2442–2454.
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EDITORIAL

2418

Introduction to polymer networks

Yukikazu Takeoka

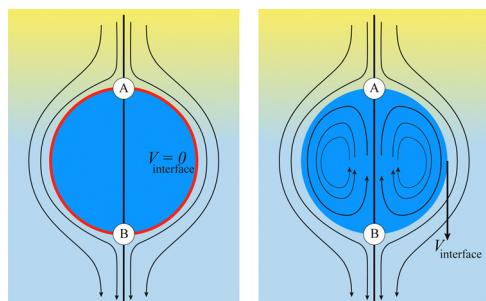


REVIEW

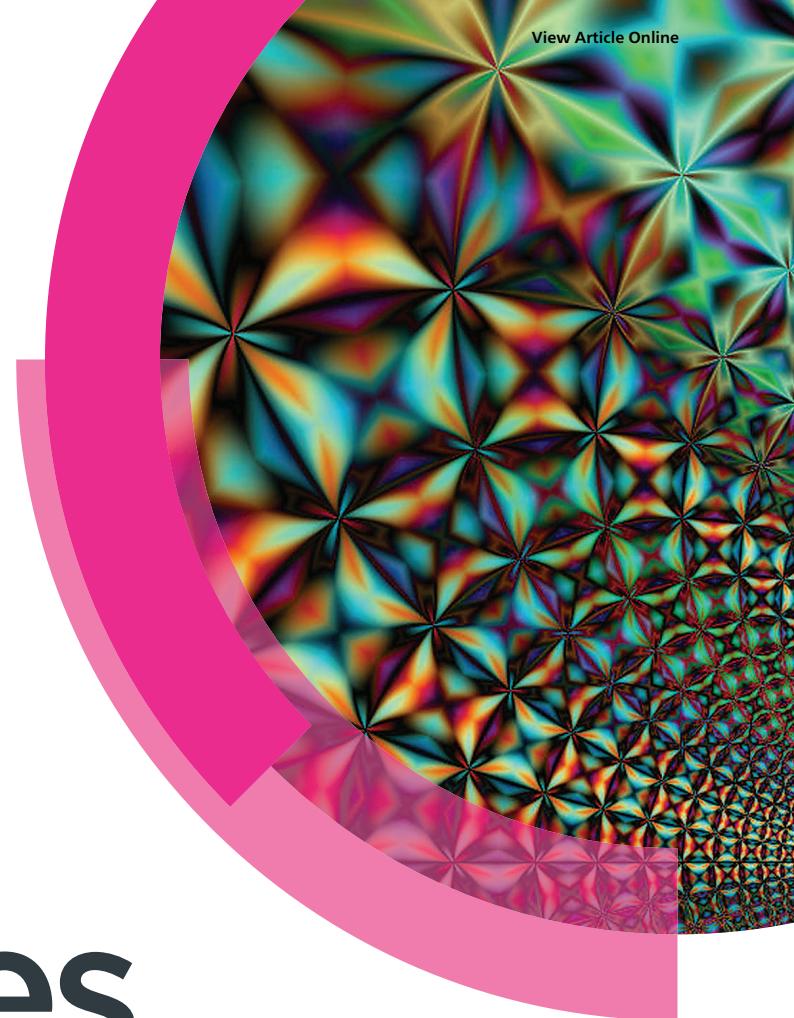
2419

Lattice Boltzmann simulation of deformable fluid-filled bodies: progress and perspectives

Danilo P. F. Silva, Rodrigo C. V. Coelho,*
Ignacio Pagonabarraga, Sauro Succi,
Margarida M. Telo da Gama and Nuno A. M. Araújo*



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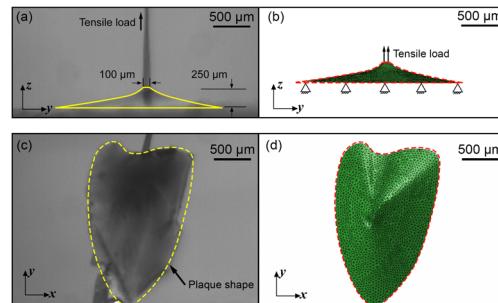
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PAPERS

2442

Determining hyperelastic properties of the constituents of the mussel byssus system

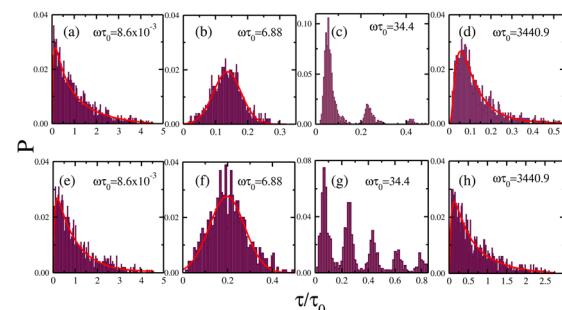
Yulan Lyu, Yong Pang, Tao Liu* and Wei Sun



2445

Polymer translocation: effects of periodically driven confinement

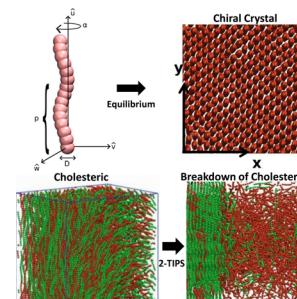
Manish Dwivedi, Swarn Lata Singh and Sanjay Kumar*



2464

Stability of the chiral crystal phase and breakdown of the cholesteric phase in mixtures of active–passive chiral rods

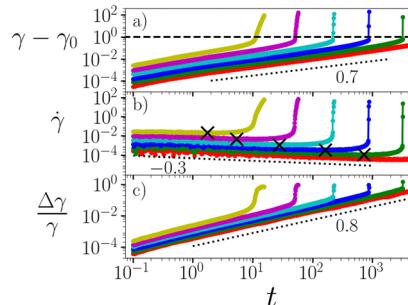
Jayeeta Chattopadhyay, Jaydeep Mandal and Prabal K. Maiti*



2474

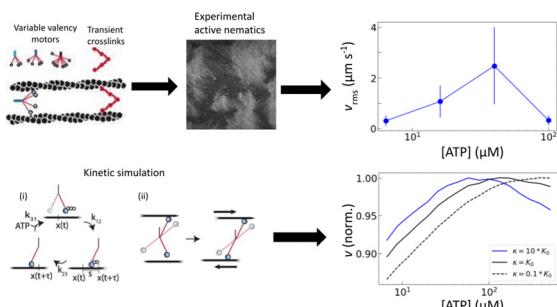
Power law creep and delayed failure of gels and fibrous materials under stress

Henry A. Lockwood, Molly H. Agar and Suzanne M. Fielding



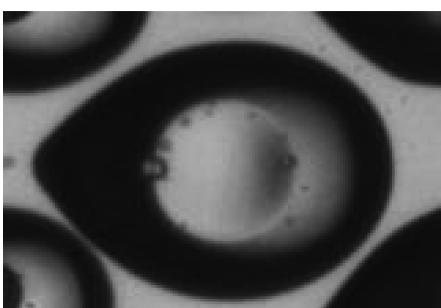
PAPERS

2480

**Motor crosslinking augments elasticity in active nematics**

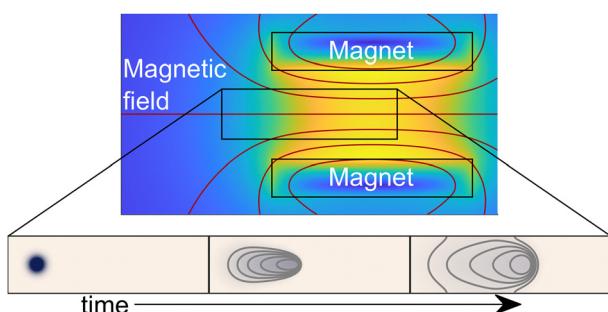
Steven A. Redford, Jonathan Colen, Jordan L. Shivers, Sasha Zemsky, Mehdi Molaei, Carlos Floyd, Paul V. Ruijgrok, Vincenzo Vitelli, Zev Bryant, Aaron R. Dinner* and Margaret L. Gardel*

2491

**Freezing-induced topological transition of double-emulsion**

Jochem G. Meijer, Pallav Kant and Detlef Lohse

2496

**Magnetophoresis of paramagnetic metal ions in porous media**

Peter Rassolov, Jamel Ali, Theo Siegrist, Munir Humayun and Hadi Mohammadgoushki*

2509

***Anoplophora graafi* longhorn beetle coloration is due to disordered diamond-like packed spheres**

Kenza Djeghdi, Cédric Schumacher, Viola Bauernfeind, Ilja Gunkel, Bodo D. Wilts* and Ullrich Steiner*

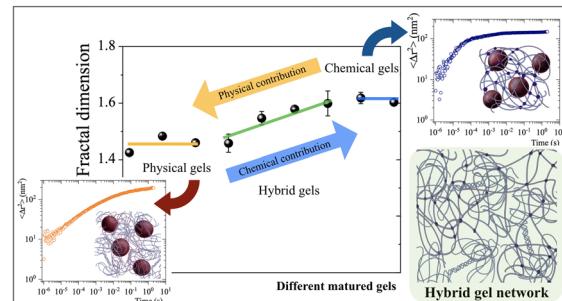


PAPERS

2518

Competition among physical, chemical, and hybrid gelation mechanisms in biopolymers

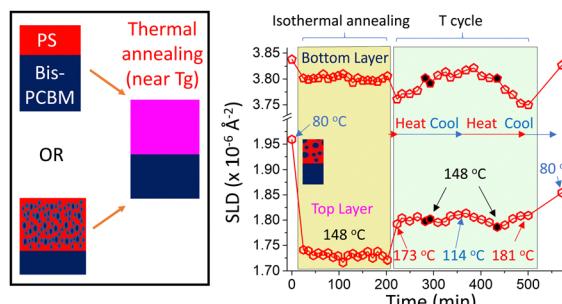
Ricky F. López-Santiago, Jorge Delgado and Rolando Castillo*



2532

Hysteresis in phase volumes, compositions and interfacial roughness in model OPV-small-molecule/polymer thin-films

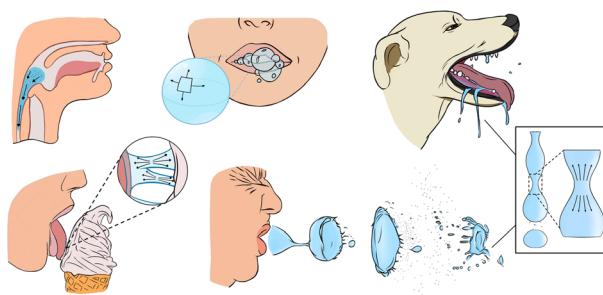
A. M. Higgins,* P. Gutfreund, V. Italia, A. Nelson, J. T. Cabral and E. L. Hynes



2547

Pinching dynamics, extensional rheology, and stringiness of saliva substitutes

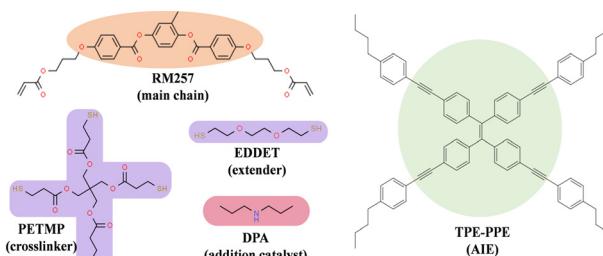
Karim Al Zahabi, Lena Hassan, Ramiro Maldonado, Michael W. Boehm, Stefan K. Baier and Vivek Sharma*



2562

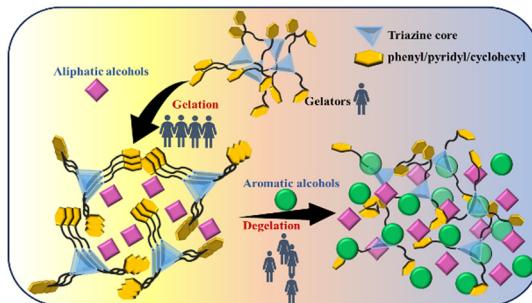
A wireless fluorescent flexible force sensor based on aggregation-induced emission doped liquid crystal elastomers

Xiaoxue Du, Yanjun Liu, Dongyu Zhao,* Helen F. Gleeson* and Dan Luo*



PAPERS

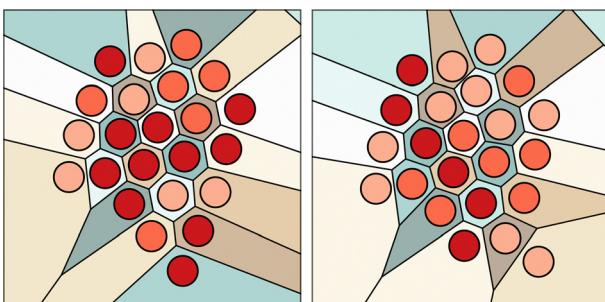
2568



Differentiating aliphatic and aromatic alcohols using triazine-based supramolecular organogelators: end group-specific selective gelation with chain length of alcohols

Priya Paul, Subhajit Saha and Kumar Biradha*

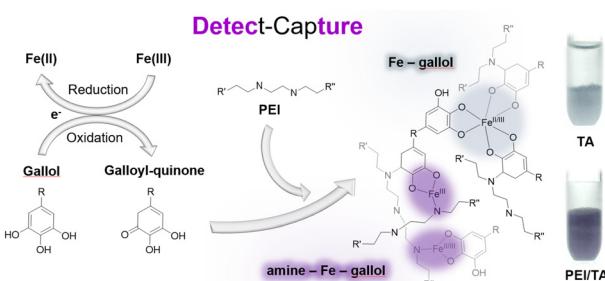
2575



A minimal colloid model of solution crystallization nucleates crystals classically

Gary Chen,* Mariah J. Gallegos, Diego D. Soetrino, Peter G. Vekilov and Jacinta C. Conrad

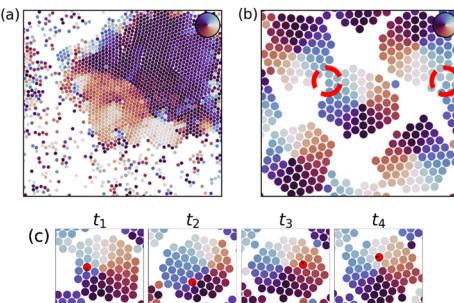
2584



Simultaneous coupling of metal removal and visual detection by nature-inspired polyphenol-amine surface chemistry

Helen H. Ju, Hong K. Park, Jingxian Wu, Yu Ri Nam, Eunu Kim, Jeongin Seo and Haeshin Lee*

2592



Synchronized rotations of active particles on chemical substrates

Pathma Eswaran* and Shradha Mishra

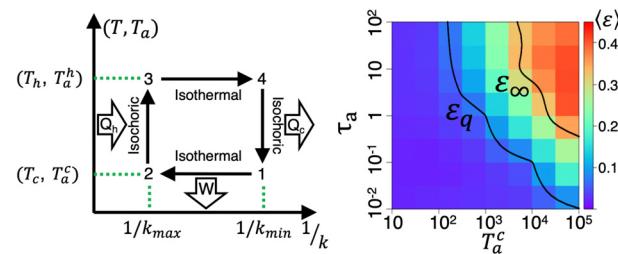


PAPERS

2600

The effects of asymmetry in active noises on the efficiency of single colloidal Stirling engines with active noises

Taejin Kwon, Seulki Kwon and Bong June Sung*



Asymmetry in active noises enhances the efficiency of single colloidal Stirling engines

2610

Electric field-mediated adhesive dynamics of cells inside bio-functionalised microchannels offers important cues for active control of cell–substrate adhesion

Sampad Laha, Dhruba Dhar, Mainak Adak, Aditya Bandopadhyay, Soumen Das, Jyotirmoy Chatterjee and Suman Chakraborty*

