

Soft Matter

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Cover

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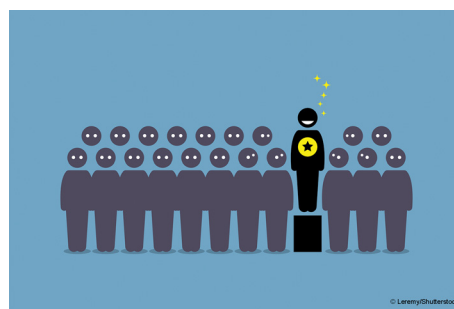
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See Dongshi Guan *et al.*, pp. 5443–5451. Image reproduced by permission of Dongshi Guan from *Soft Matter*, 2023, 19, 5443.

EDITORIAL

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Outstanding Reviewers for *Soft Matter* in 2022

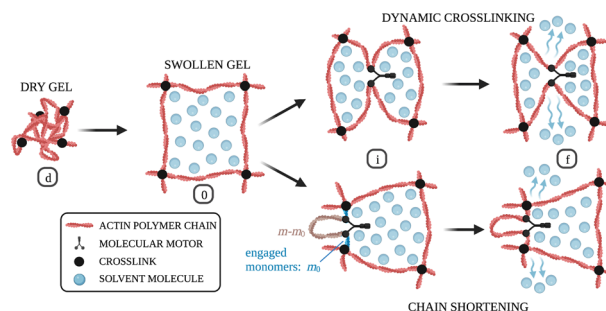


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Energetics of cytoskeletal gel contraction

Matteo Ferraresso, Albert Kong, Mehadi Hasan, Daniele Agostinelli, Gwynn J. Elfring and Mattia Bacca*



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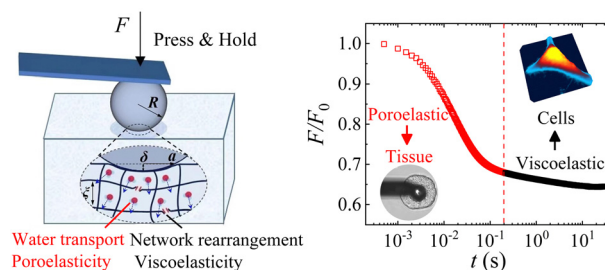
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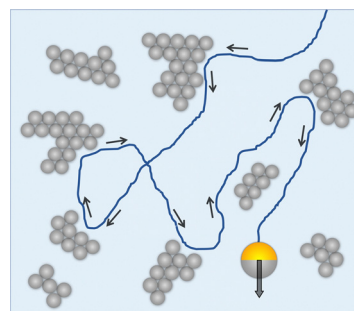
Crossover behavior in stress relaxations of poroelastic and viscoelastic dominant hydrogels

Hangyu Li, Xinyi Lian and Dongshi Guan*



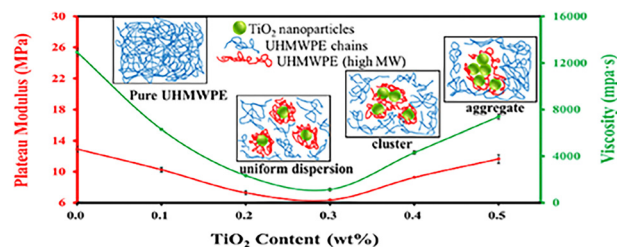
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Venkata Manikantha Sai Ganesh Tanuku,*
Peter Vogel, Thomas Palberg and Ivo Buttinoni

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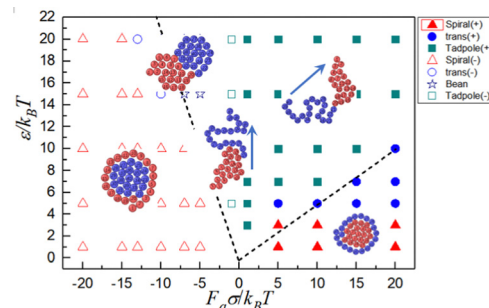
Nanoscale effects of TiO₂ nanoparticles on the rheological behaviors of ultra-high molecular weight polyethylene (UHMWPE)

Yang Sui, Yi Cui, Peng Wei, Chuanbo Cong,
Xiaoyu Meng, Hai-Mu Ye and Qiong Zhou*

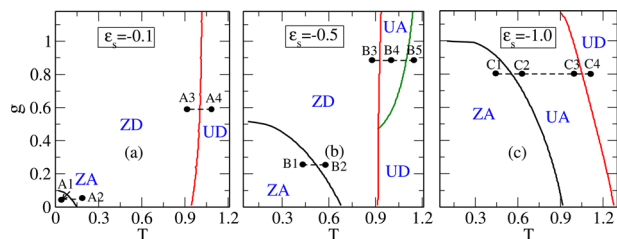
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Configuration and dynamics of a self-propelled diblock copolymer chain

Yang Jiao, Jing Wang, Wen-de Tian* and Kang Chen*



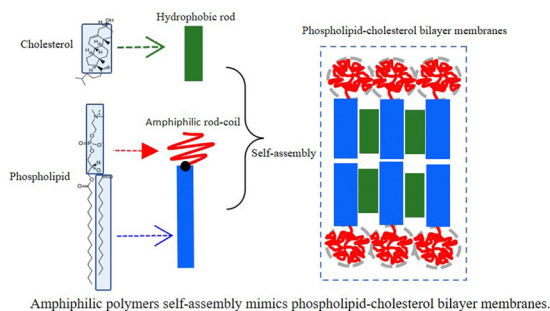
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Force induced DNA melting in the presence of an attractive surface

Dibyajyoti Mohanta,* Debaprasad Giri and Sanjay Kumar

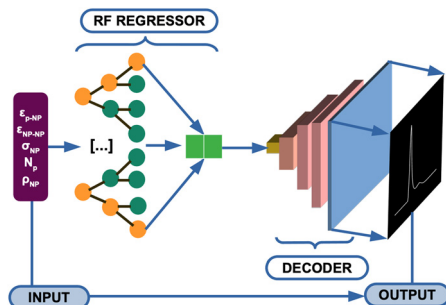
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Mimicking effects of cholesterol in lipid bilayer membranes by self-assembled amphiphilic block copolymers

Xiaoyuan Wang, Shixin Xu, Fredric S. Cohen, Jiwei Zhang* and Yongqiang Cai*

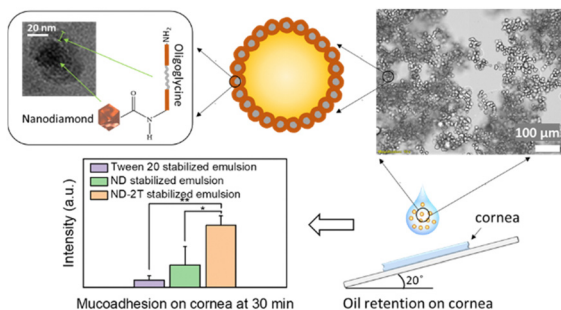
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nanoNET: machine learning platform for predicting nanoparticles distribution in a polymer matrix

Kumar Ayush, Abhishek Seth and Tarak K Patra*

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Pickering emulsions stabilised with oligoglycine-functionalised nanodiamond as a model system for ocular drug delivery applications

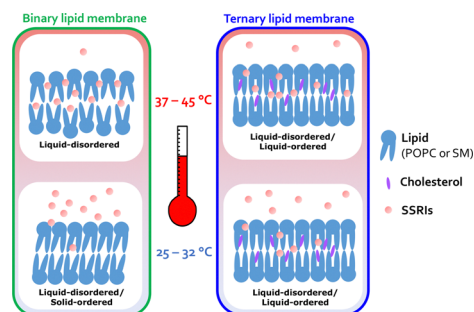
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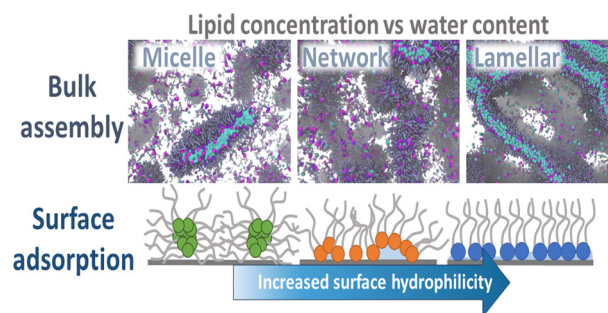
Dat T. N. Ngo, Tho H. Ho, Lam K. Huynh and Trang T. Nguyen*



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Maisa Vuorte and Maria Sammalkorpi*



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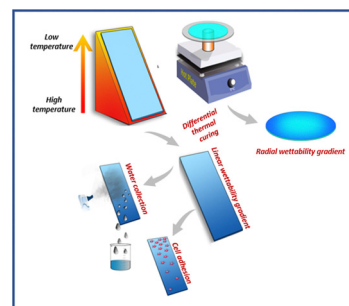
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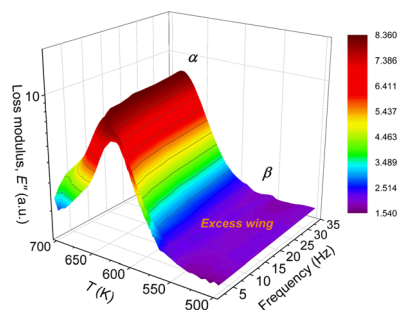
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Facile fabrication of stable wettability gradients on elastomeric surfaces for applications in water collection and controlled cell adhesion

Soorya S. Raj, Romina Marie Mathew, Deljo Davis, Subramanyan Namboodiri Varanakkottu, Asha Srinivasan and Vinod T. P.*



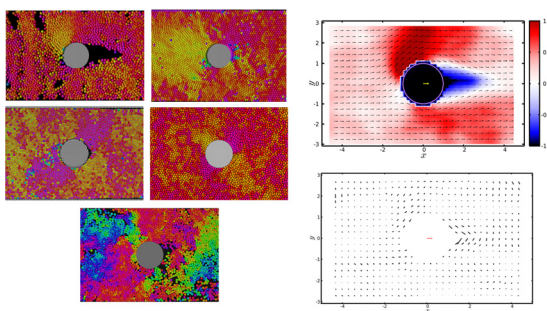
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Experimental evidence of β -relaxation and its structural origin in ZIF-62 glass

Si-Xu Peng, Ying-Ying Zhu, Gang Li, Yongkang Luo, Xiaotao Han and Shi-Yu Liu*

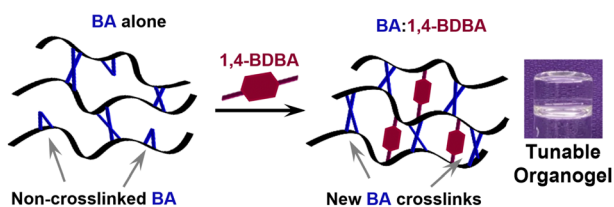
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Comparing individual-based models of collective cell motion in a benchmark flow geometry

Carine Beatrice, Cássio Kirch, Silke Henkes, François Graner and Leonardo Brunnet*

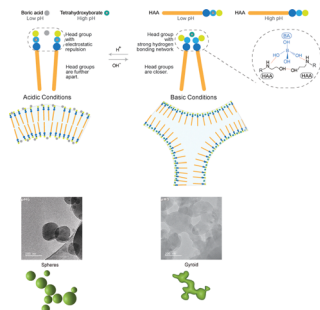
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Cooperative crosslinking in polyvinyl alcohol organogels

Holli R. Scott, Ani N. Davis and Gretchen Marie Peters*

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Yu-Ting Lin, Shuhao Liu, Bhargavi Bhat, Kai-Yuan Kuan, Wentao Zhou, Ignacio Jose Cobos, Joseph Sang-Il Kwon and Mustafa E. S. Akbulut*

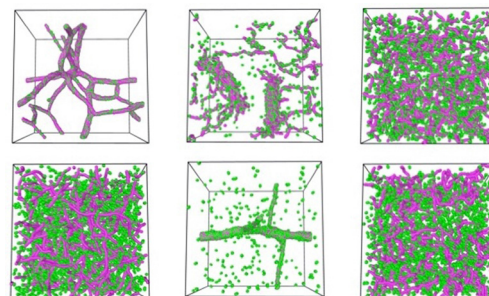


PAPERS

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Re-entrant transitions of locally stiff RNA chains in the presence of polycations leads to gelled architectures

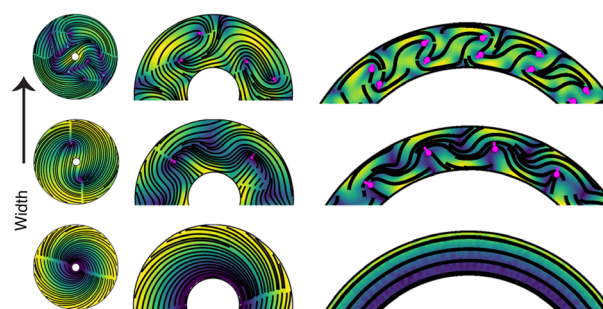
Isha Malhotra and Davit A Potoyan*



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From disks to channels: dynamics of active nematics confined to an annulus

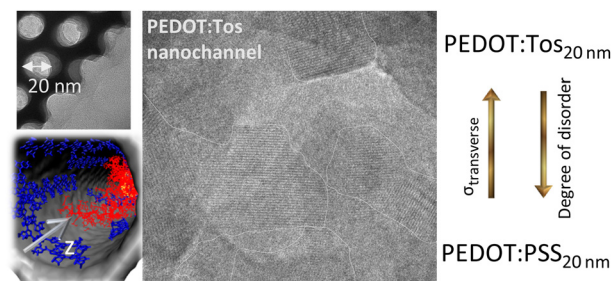
Chaitanya Joshi,* Zahra Zarei, Michael M. Norton, Seth Fraden, Aparna Baskaran* and Michael F. Hagan*



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Ordered and disordered microstructures of nanoconfined conducting polymers

Sukanya Das, Pranay Venkatesh, Sarbani Ghosh and K. S. Narayan*



CORRECTIONS

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Correction: Post-liquefaction normospermic human semen behaves as a weak-gel viscoelastic fluid

Giovanna Tomaiuolo,* Fiammetta Fellico, Valentina Preziosi, Federica Cariati, Ida Strina, Carmela Votino, Fulvio Zullo, Salvatore Longobardi and Stefano Guido



CORRECTIONS

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Correction: Passive particle transport using a transversely propelling polymer “sweeper”

K. R. Prathyusha

