Soft Matter

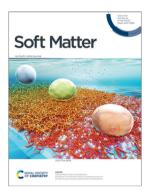
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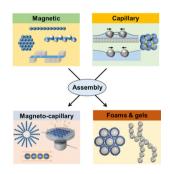
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See Marcus Müller. Motomu Tanaka et al.. pp. 2491-2504. Image reproduced by permission of Motomu Tanaka from Soft Matter. 2023, 19, 2491.

REVIEW

Assembly and manipulation of responsive and flexible colloidal structures by magnetic and capillary interactions

Abhirup Basu, Lilian B. Okello, Natasha Castellanos, Sangchul Roh and Orlin D. Velev*

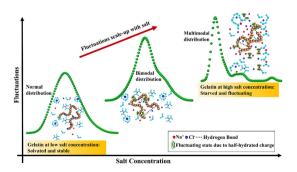


COMMUNICATION

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Unraveling fluctuation in gelatin and monovalent salt systems: coulombic starvation

Tithi Basu, Sunetra V Chituru and Saptarshi Majumdar*



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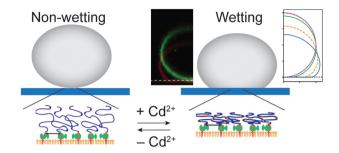
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Modulation of wetting of stimulus responsive polymer brushes by lipid vesicles: experiments and simulations

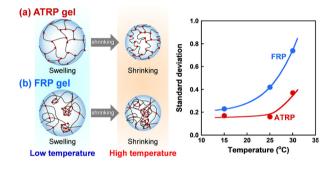
Felix Weissenfeld, Lucia Wesenberg, Masaki Nakahata, Marcus Müller* and Motomu Tanaka*



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Relatively homogeneous network structures of temperature-responsive gels synthesized via atom transfer radical polymerization

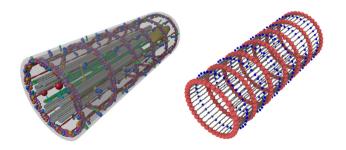
Chisa Norioka, Akifumi Kawamura and Takashi Miyata*



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Dynamics of the axon plasma membrane skeleton

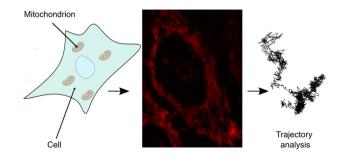
Zhaojie Chai, Shiju Gu and George Lykotrafitis*



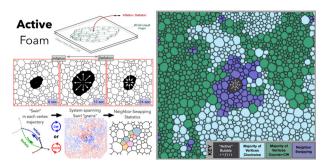
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Extending the analogy between intracellular motion in mammalian cells and glassy dynamics

Beatrice Corci, Oscar Hooiveld, Amalia M. Dolga and Christoffer Åberg*



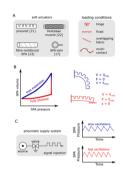
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Active foam: the adaptive mechanics of 2D air-liquid foam under cyclic inflation

L. A. Kroo, Matthew Storm Bull and Manu Prakash*

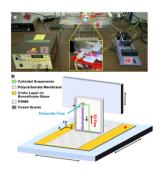
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Sensorless force and displacement estimation in soft actuators

Sagar Joshi and Jamie Paik*

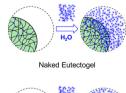
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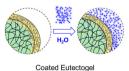


Continuous flow microfluidics for colloidal particle assembly on porous substrates

Varun Lochab, E. Daniel Ewim and Shaurya Prakash*

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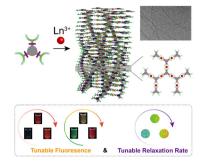
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Xiaodong Wan,* Yunfeng He, Caicong Li and Canhui Yang*

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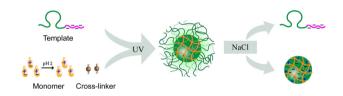
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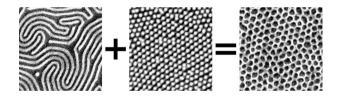
Bingkun Xu, Yifan Gao, Xuhong Guo, Martien A Cohen Stuart, Junyou Wang and Peng Ding*



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Responsive blends of block copolymers stabilize the hexagonally perforated lamellae morphology

Samantha R. Nowak, Nikhil Tiwale, Gregory S. Doerk, Chang-Yong Nam, Charles T. Black and Kevin G. Yager*



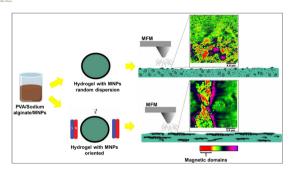
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Universality in the buckling behavior of drying suspension drops

Om Prakash Bamboriya and Mahesh S. Tirumkudulu*

1 μm		3 µm	5 μm	
↓ 0.5 µL	•	0_	0	
1 μL		0	0	No
2 μL	0	0	•	Non-buckled drops
3 μL	0	•	0	rops +
4 μL	0	0	0	Buc
5 μL		9	0	· Buckled drops

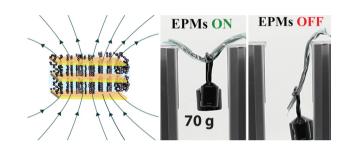
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Poly(vinyl alcohol)/sodium alginate/magnetite composites: magnetic force microscopy for tracking magnetic domains

Alex Carvalho Alavarse,* Jean Bezerra Silva, Henning Ulrich and Denise Freitas Siqueira Petri

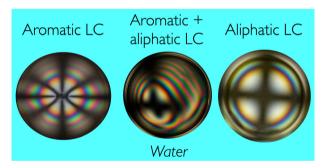
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Magnetically induced stiffening for soft robotics

Leah T. Gaeta, Kevin J. McDonald, Lorenzo Kinnicutt, Megan Le, Sidney Wilkinson-Flicker, Yixiao Jiang, Taylan Atakuru, Evren Samur and Tommaso Ranzani*

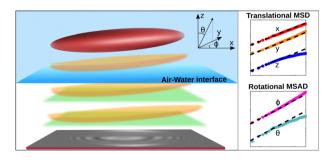
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Impact of mesogenic aromaticity and cyano termination on the alignment and stability of liquid crystal shells

Anjali Sharma, Rijeesh Kizhakidathazhath and Jan P. F. Lagerwall*

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Stefano Villa,* Domenico Larobina, Antonio Stocco, Christophe Blanc, Massimiliano M. Villone, Gaetano D'Avino and Maurizio Nobili*

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Etienne Fayen, Marianne Impéror-Clerc, Laura Filion, Giuseppe Foffi and Frank Smallenburg*

