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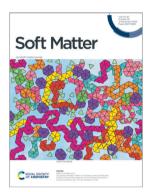
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See Kateri H. DuBay et al., pp. 6702–6713. Image reproduced by permission of Jessica K. Niblo from Soft Matter, 2024, 20, 6702.



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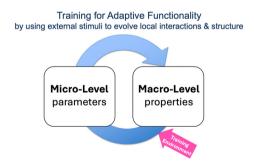
See Tomoharu Terayama and Akira Furukawa, pp. 6714–6722. Image reproduced by permission of Akira Furukawa from Soft Matter, 2024, 20, 6714.

PERSPECTIVE

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Training physical matter to matter

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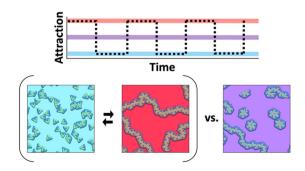


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2D capsid formation within an oscillatory energy landscape: orderly self-assembly depends on the interplay between a dynamic potential and intrinsic relaxation times

Jessica K. Niblo, Jacob R. Swartley, Zhongmin Zhang and Kateri H. DuBay*





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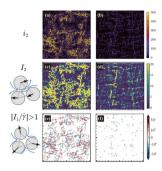
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Heterogeneous solvent dissipation coupled with particle rearrangement in shear-thinning non-Brownian suspensions

Tomoharu Terayama* and Akira Furukawa*



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Controlling the thermally-driven crystallization of DNA-coated nanoparticles with formamide

Theodore Hueckel, Seungyeon Woo and Robert J. Macfarlane*

50 °C (Standard)

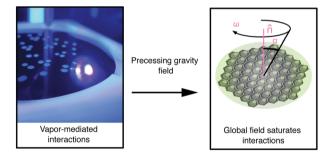
DNA-Nanoparticle Assembly

25 °C (Formamide) [Formamide]

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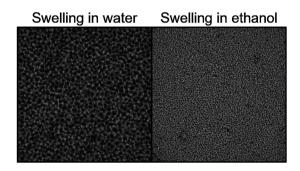
Anton Molina and Manu Prakash*



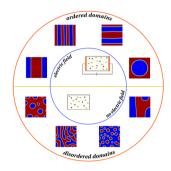
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Unconstrained dynamic gel swelling generates transient surface deformations

Alyssa VanZanten, Shih-Yuan Chen, Michelle M. Driscoll and Caroline R. Szczepanski*



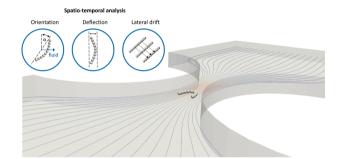
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Ordered patterns in electroactive polymer ionic liquid blends: effect of long range interactions

Ashima Choudhury and Pratyush Dayal*

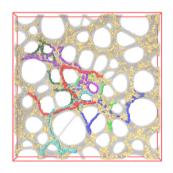
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Transport and clogging dynamics of flexible rods in pore constrictions

Berinike Bräsel, Matthias Geiger, John Linkhorst and Matthias Wessling*

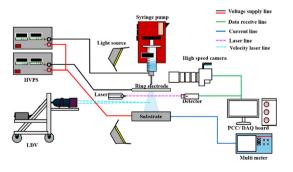
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Stable polydisperse free-standing porous films made by mechanical deformation

Hsiao-Ping Hsu and Kurt Kremer*

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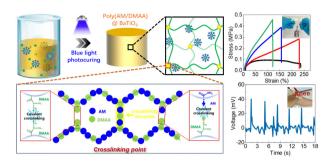
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Ji Yeop Kim, Sang ji Lee, Mun Hee Lee, Jun Yeop Kim and Jung Goo Hong*

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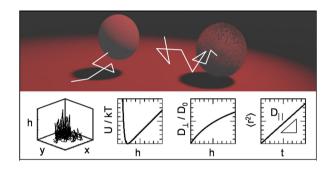
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Direct measurements & simplified models of colloidal interactions & diffusion with adsorbed macromolecules

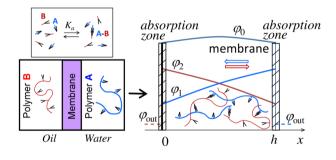
Mikael O. Ellingson and Michael A. Bevan*



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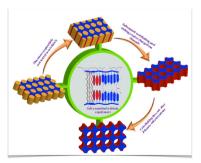
Elena N. Govorun,* Julien Dupré de Baubigny, Patrick Perrin, Mathilde Reyssat, Nadège Pantoustier, Thomas Salez and Cécile Monteux*

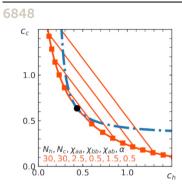


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Ionic nanoporous membranes from self-assembled liquid crystalline brush-like imidazolium triblock copolymers

Iyomali Abeysekera, Reuben Bosire, Francis K. Masese, Dennis Ndaya* and Rajeswari M. Kasi*









Phase separation in soft repulsive polymer mixtures: foundation and implication for chromatin organization

Naoki Iso, Yuki Norizoe and Takahiro Sakaue*