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Cover

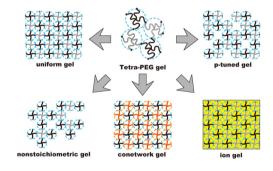
See Mitsuhiro Shibayama, pp. 1995-2009. Image reproduced by permission of Mitsuhiro Shibayama from Soft Matter, 2025, 21, 1995.

REVIEW

1995

Physics of polymer gels: Toyoichi Tanaka and after

Mitsuhiro Shibayama

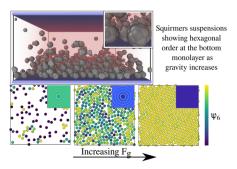


PAPERS

2010

Sedimentation and structure of squirmer suspensions under gravity

C. Miguel Barriuso G.,* Horacio Serna, Ignacio Pagonabarraga and Chantal Valeriani*





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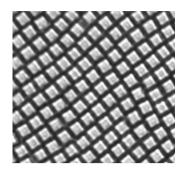
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2026

Tetratic phase in 2D crystals of squares

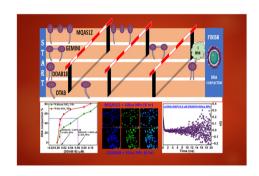
Robert Löffler, Lukas Siedentop and Peter Keim*



2033

Understanding how the structures of surfactants in hybrid nanoparticles affect the compaction of ct-DNA for cellular uptake: presenting a highly efficient surfactant

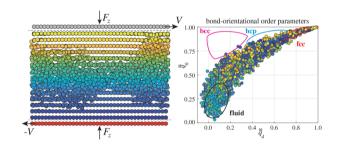
Shalini Dyagala, Milan Paul, Vinod K Aswal, Swati Biswas* and Subit Kumar Saha*



2049

Crystallization in load-controlled shearing flows of monosized spheres

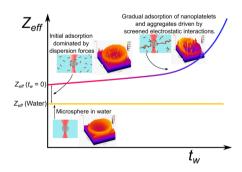
Esma Kurban, Dalila Vescovi* and Diego Berzi



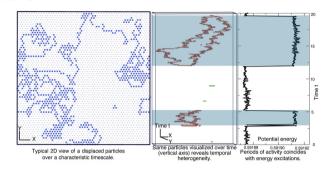
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Using optical tweezer electrophoresis to investigate clay nanoplatelet adsorption on Latex microspheres in aqueous media

Vaibhav Raj Singh Parmar, Sayantan Chanda, Sri Vishnu Bharat Sivasubramaniam and Ranjini Bandyopadhyay*



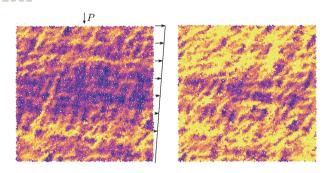
2070



Collective motion and its connection to the energy landscape in 2D soft crystals

Md. Rakib Hassan,* Sam R. Aronow, Jack F. Douglas and Francis W. Starr*

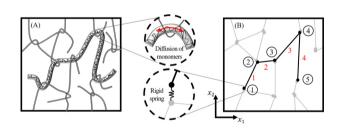
2081



Propagation of internal deformations in dense granular flows

Parisa Shekari, Pierre Rognon* and Benjy Marks

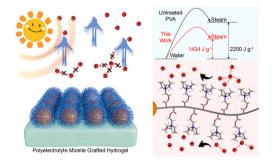
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Nonaffine motion and network reorganization in entangled polymer networks

Saleh Assadi, Samuel C. Lamont, Nitin Hansoge, Zhuonan Liu, Victor Crespo-Cuevas, Fay Salmon and Franck J. Vernerey*

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Hydrogen-bond disruption in molecularly engineered Janus evaporators for enhanced solar desalination

Jie Zhu, Dong Wu, Xiayun Huang,* Daoyong Chen and Zhihong Nie*

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Stereoisomerism-dependent gelation and crystal structures of glycosylated N-methylbromomaleimide-based supramolecular hydrogels

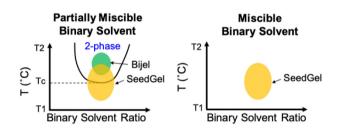
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Solvent structure controlled SeedGel formation investigated using miscible binary solvents

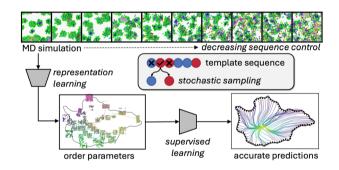
Yuyin Xi,* Ruipeng Li, William T. Heller, Wei-Ren Chen, Kunlun Hong, Aurora A. Zemborain and Yun Liu*



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Predicting self-assembly of sequence-controlled copolymers with stochastic sequence variation

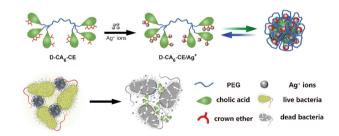
Kaleigh A. Curtis, Antonia Statt and Wesley F. Reinhart*



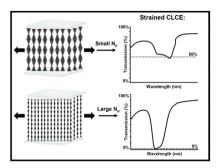
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Facially amphiphilic skeleton-derived antibacterial crown ether/silver ion complexes

Qingsheng Wang, Wen Huang, Qian Sun, Mengqi Le, Lili Cai* and Yong-Guang Jia*



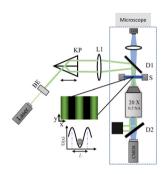
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Helical pitch and thickness-dependent opto-mechanical response in cholesteric liquid crystal elastomers

Alexis T. Phillips, Jonathan D. Hoang and Timothy J. White*

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Precisely controlled colloids: a playground for path-wise non-equilibrium physics

Cai Dieball, Yasamin Mohebi Satalsari, Angel B. Zuccolotto-Bernez, Stefan U. Egelhaaf, Manuel A. Escobedo-Sánchez* and Aljaž Godec*

CORRECTION

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Correction: Room-temperature ferroelectric nematic liquid crystal showing a large and diverging density

Charles Parton-Barr, Helen F. Gleeson and Richard J. Mandle*