

# Soft Matter

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### Cover

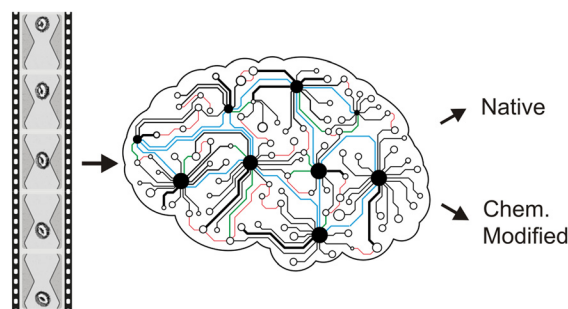
See T. Franke  
et al., pp. 952–958.  
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## PAPERS

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### Classification of chemically modified red blood cells in microflow using machine learning video analysis

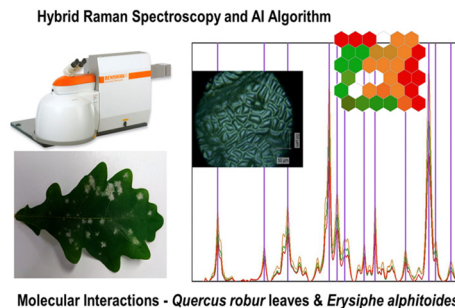
R. K. Rajaram Baskaran, A. Link, B. Porr and T. Franke\*



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### Vibrational spectroscopic profiling of biomolecular interactions between oak powdery mildew and oak leaves

Kieran R. Clark and Pola Goldberg Oppenheimer\*



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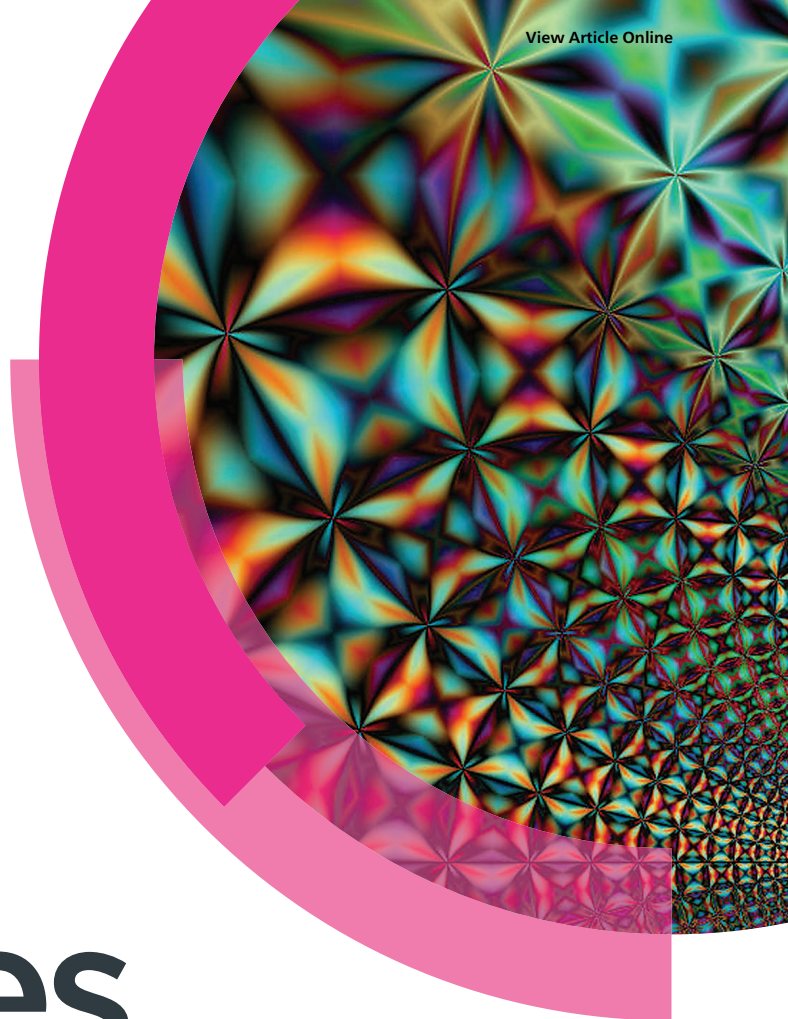


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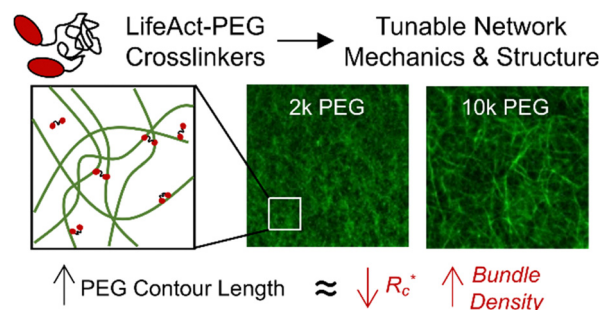


## PAPERS

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### Highly flexible PEG-LifeAct constructs act as tunable biomimetic actin crosslinkers

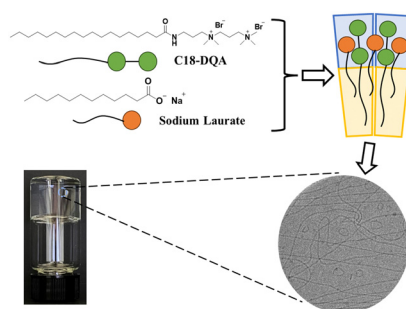
Tyler D. Jorgenson,\* Kashmeera D. Baboolall, Cristian Suarez, David R. Kovar, Margaret L. Gardel\* and Stuart J. Rowan\*



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### Wormlike micellar solutions formed by an anionic surfactant and a cationic surfactant with two head groups

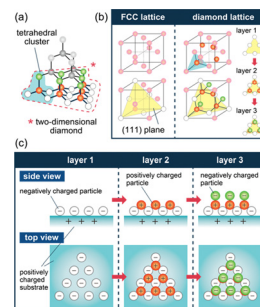
Hongye Li, Zhengrong Lin, Zhao Chen, Zhenggang Cui, Lan Lei and Binglei Song\*



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### Formation of two-dimensional diamond-like colloidal crystals using layer-by-layer electrostatic self-assembly

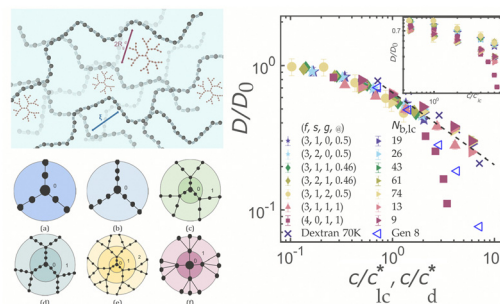
Minori Fujita, Akiko Toyotama, Tohru Okuzono, Hiromasa Niinomi and Junpei Yamanaka\*



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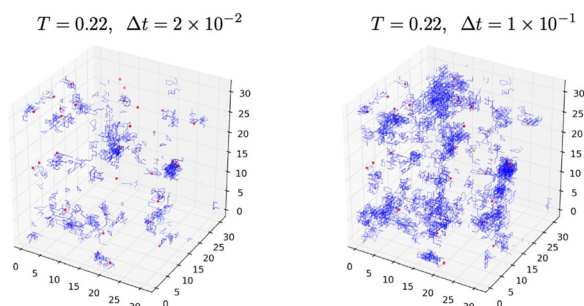
### Universal scaling of the diffusivity of dendrimers in a semidilute solution of linear polymers

Silpa Mariya, Jeremy J. Barr, P. Sunthar and J. Ravi Prakash\*



## PAPERS

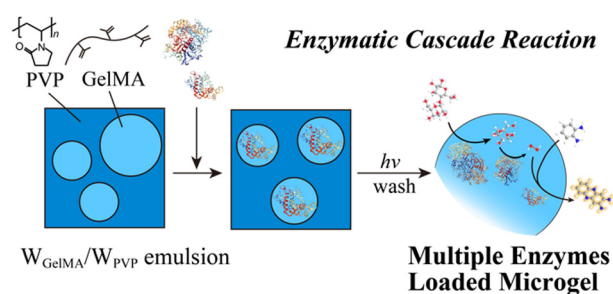
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### The distinguishable-particle lattice model of glasses in three dimensions

Bo Li, Chun-Shing Lee, Xin-Yuan Gao, Hai-Yao Deng\* and Chi-Hang Lam\*

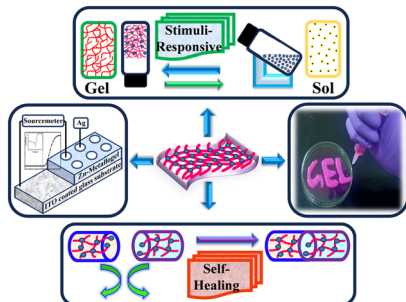
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### Encapsulation of multiple enzymes within a microgel via water-in-water emulsions for enzymatic cascade reactions

Yota Okuno\* and Yasuhiko Iwasaki

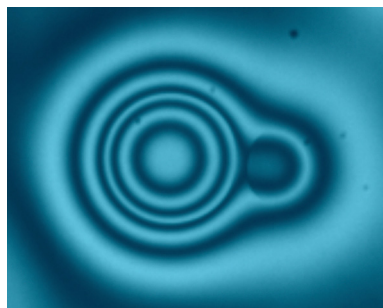
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### Stimuli-responsive and self-healing supramolecular Zn(II)-guanosine metal-organic gel for Schottky barrier diode application

Surbhi Singh, Atul Kumar Sharma, Hrushikesh M. Gade, Vidhi Agarwal, Rajendar Nasani, Nisha Verma and Bhagwati Sharma\*

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### Coalescence of biphasic droplets embedded in free standing smectic A films

Christoph Klopp,\* Torsten Trittelt, Kirsten Harth and Ralf Stannarius\*



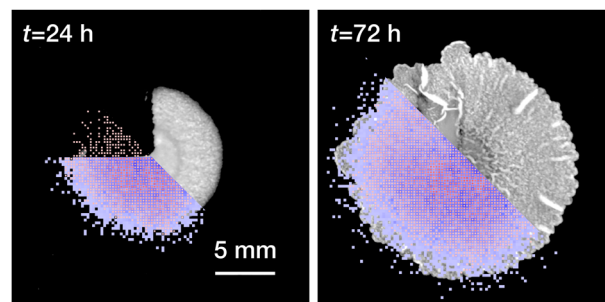


## PAPERS

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# Residual cells and nutrient availability guide wound healing in bacterial biofilms

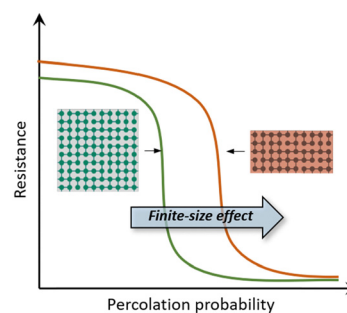
Yusong Ye, Mnar Ghrayeb, Sarah Miercke, Sania Arif, Susann Müller, Thorsten Mascher, Liraz Chai\* and Vasily Zaburdaev\*



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# Finite-size effect on the percolation and electromechanical behaviors of liquid metal particulate composites

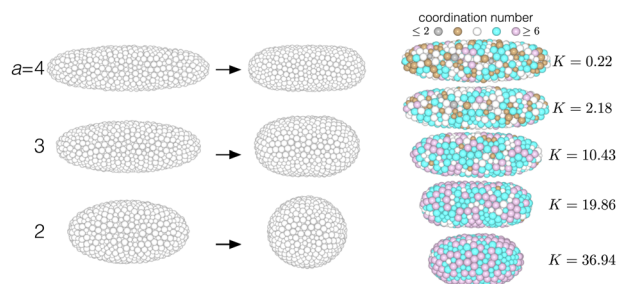
Mohammad Madadi and Pu Zhang\*



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# Jamming on convex deformable surfaces

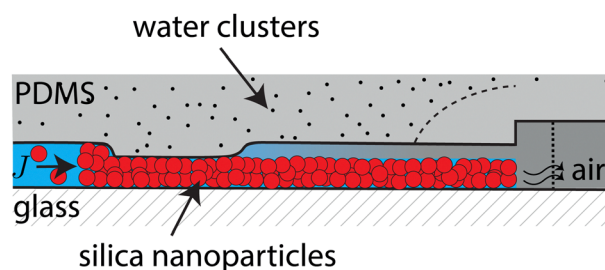
Zhaoyu Xie and Timothy J. Atherton\*



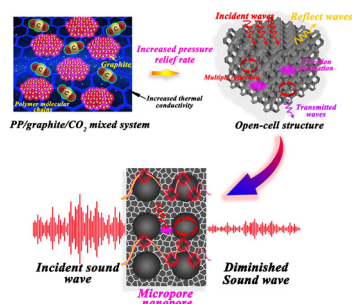
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# Directional drying of a colloidal dispersion: quantitative description with water potential measurements using water clusters in a poly(dimethylsiloxane) microfluidic chip

Hrshikesh Pingulkar, Sonia Maréchal and Jean-Baptiste Salmon\*



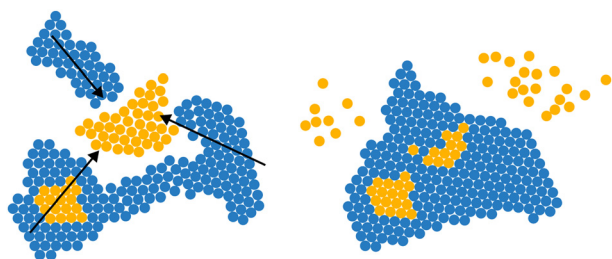
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## Rational design of a polypropylene composite foam with open-cell structure via graphite conductive network for sound absorption

Zhiyao Li, Chenguang Yang,\* Kun Yan, Ming Xia, Zhong Yan, Dong Wang\* and Wenwen Wang\*

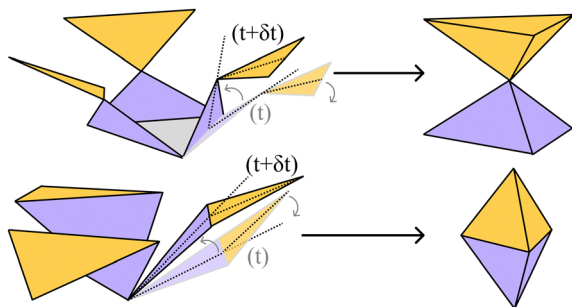
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## Self-organization of active colloids mediated by chemical interactions

Zhiwei Peng and Raymond Kapral\*

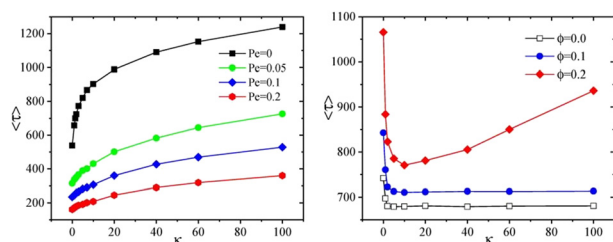
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## Optimal face-to-face coupling for fast self-folding kirigami

Maks Pecnik Bambic, Nuno A. M. Araújo, Benjamin J. Walker, Duncan R. Hewitt, Qing Xiang Pei, Ran Ni and Giorgio Volpe\*

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## Forced and spontaneous translocation dynamics of a semiflexible active polymer in two dimensions

Fei Tan, Jingli Wang, Ran Yan and Nanrong Zhao\*

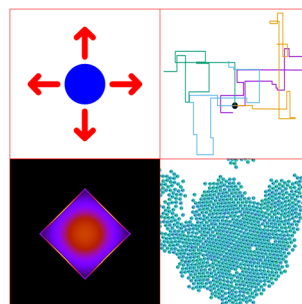


## PAPERS

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**Anisotropic run-and-tumble-turn dynamics**

Benjamin Loewe,\* Timofey Kozhukhov and  
Tyler N. Shendruk



## CORRECTION

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**Correction: Multi-layer 3D printed dipeptide-based low molecular weight gels**

Max J. S. Hill and Dave J. Adams\*

