# Soft Matter

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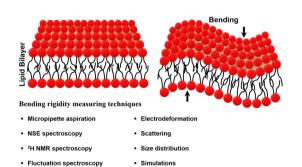
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See S. Mawet et al.. pp. 8318-8328. Image reproduced by permission of Sébastien Mawet from Soft Matter. 2023, 19, 8318.

#### **REVIEW**

# A review on the measurement of the bending rigidity of lipid membranes

Mohammad Abu Sayem Karal,\* Md. Masum Billah, Marzuk Ahmed and Md. Kabir Ahamed

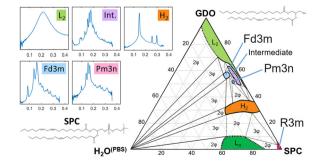


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Phase behavior of soybean phosphatidylcholine and glycerol dioleate in hydrated and dehydrated states studied by small-angle X-ray scattering

Jenni Engstedt, Justas Barauskas and Vitaly Kocherbitov\*



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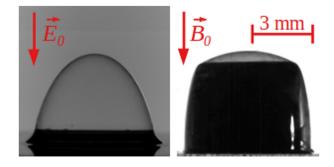
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# Deformation of soap bubbles in uniform magnetic fields

S. Mawet,\* H. Caps, S. Dorbolo and F. Elias



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# Learning to write with the fluid rope trick

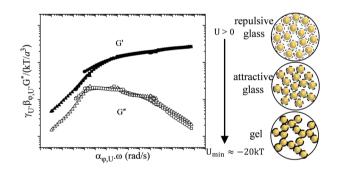
Gaurav Chaudhary, Stephanie Christ, A. John Hart and L. Mahadevan\*



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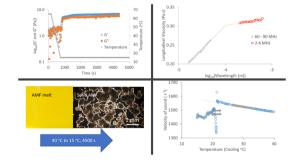
Zahra Abbasian Chaleshtari and Reza Foudazi\*



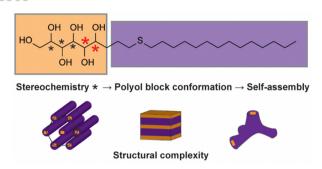
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# Characterising the mechanical properties of soft solids through acoustics and rheology, exemplified by anhydrous milk fat

Megan J. Povey\* and Daniel Ingo Hefft



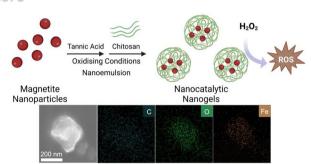
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# Stereochemistry-dependent thermotropic liquid crystalline phases of monosaccharide-based amphiphiles

Ida Mattsson, Johanna Majoinen, Manu Lahtinen, Thomas Sandberg, Anna Fogde, Tiina Saloranta-Simell, Orlando J. Rojas, Olli Ikkala and Reko Leino\*

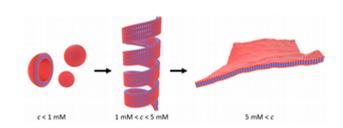




Hybrid nanogels by direct mixing of chitosan, tannic acid and magnetite nanoparticles: processes involved in their formation and potential catalytic properties

Santiago Marzini Irranca, Sergio D. García Schejtman,\* Anabella P. Rosso, Eduardo A. Coronado\* and Marisa Martinelli\*

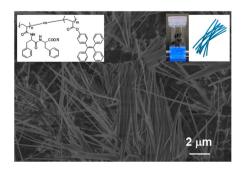
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Liam F. McGarry, Osama El-Zubir, Paul G. Waddell, Fabio Cucinotta, Andrew Houlton and Benjamin R. Horrocks\*

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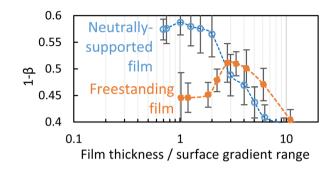
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Ryo Yonenuma and Hideharu Mori\*

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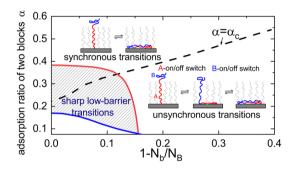
Asieh Ghanekarade and David S. Simmons\*



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Unsynchronous conformational transitions induced by the asymmetric adsorption-response of an active diblock copolymer in an inert brush

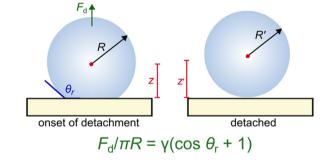
Shuanhu Qi, Shuli Zhao and Zengju Lian\*



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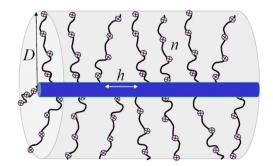
Dan Daniel\* and Xue Qi Koh



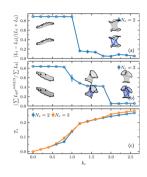
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Ekaterina B. Zhulina and Oleg V. Borisov\*



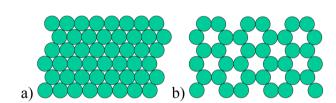
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Lijie Ding,\* Robert A. Pelcovits and Thomas R. Powers

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