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See Ernesto Di Maio et al., pp. 1455-1470. Image reproduced by permission of Zhe Wang and Jingyi Zhang from Soft Matter, 2025, 21, 1455.



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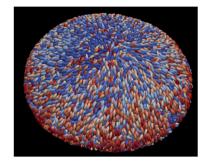
See Ryota Tamate et al., pp. 1471-1478. Image reproduced by permission of Ryota Tamate from Soft Matter, 2025, 21, 1471.

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Morphogenesis of confined biofilms: how mechanical interactions determine cellular patterning and global geometry

Kee-Myoung Nam and Jing Yan\*

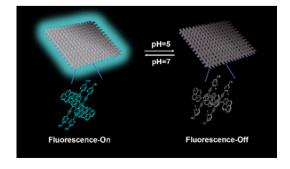


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Wei Zhang, Yongsheng Li, Tianyi Zheng, Ying Xie,\* Xianyin Dai and Myongsoo Lee\*





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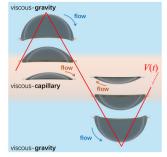


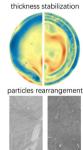
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Thin free-standing liquid films manipulation: device design to turn on/off gravity in flow regimes for thickness map control and for material structuring

Paolo Iaccarino, Zhe Wang, Andrea Marfuggi, Simone Russo, Vincenzo Ferraro, Giuseppe Vitiello, Sara Coppola and Ernesto Di Maio\*

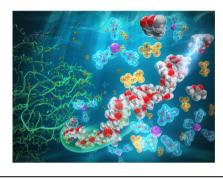




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In situ formation of ultrahigh molecular weight polymers in highly concentrated electrolytes and their physicochemical properties

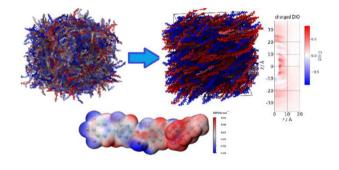
Yuji Kamiyama, Takeshi Ueki and Ryota Tamate\*



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Impact of charge distribution on the stability of ferroelectric nematic liquid crystals

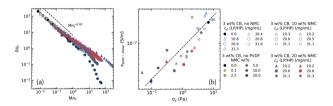
Matheus de Mello,\* Mark Richard Wilson and Takeaki Araki\*



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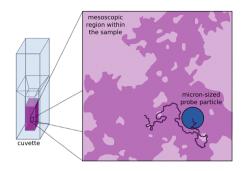
Physical scaling for predicting shear viscosity and memory effects of lithium-ion battery cathode slurries

Yoshita Gupta, Qingsong Liu and Jeffrey J. Richards\*



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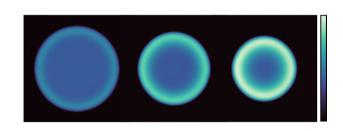
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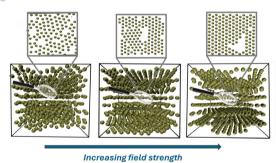
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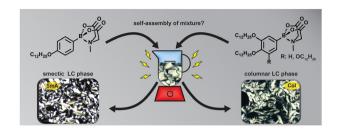
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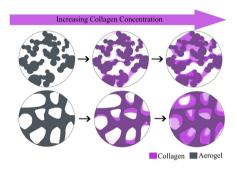
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# Influence of aerogel mechanical properties on collagen micromorphology and its architecture

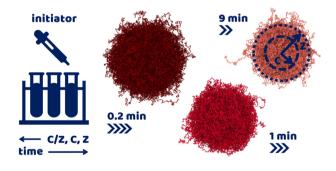
Martina Rodriguez Sala, Omar Skalli, Swetha Chandrasekaran, Marcus Worsley, Nicholas Leventis and Firouzeh Sabri\*



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