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See Nikhil Karthikeyan and Ulf D. Schiller, pp. 8952–8967. Image reproduced by permission of Nikhil Karthikeyan and Ulf D. Schiller from *Soft Matter*, 2024, **20**, 8952.

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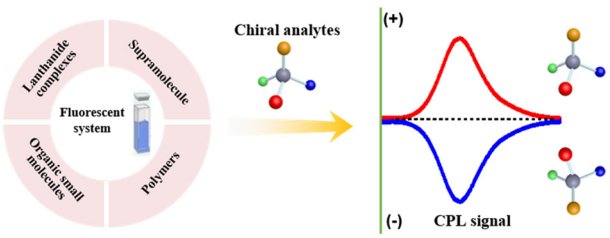
REVIEW

8937

Supramolecular chiroptical sensing of chiral species based on circularly polarized luminescence

Panyang Chen, Huahua Fan, Sifan Du, Xin Wen, Li Zhang* and Minghua Liu*



COMMUNICATION

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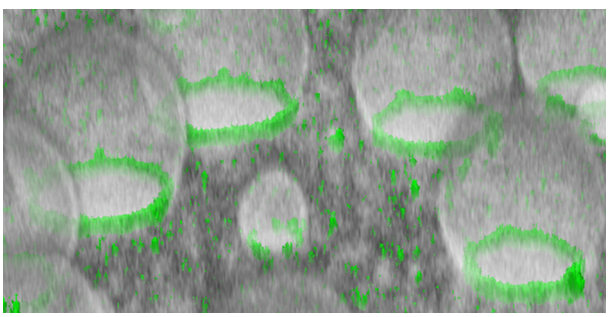
Ring-shaped nanoparticle assembly and cross-linking on lipid vesicle scaffolds

Gizem Karabiyik, Aldo Jesorka and Irep Gözen*



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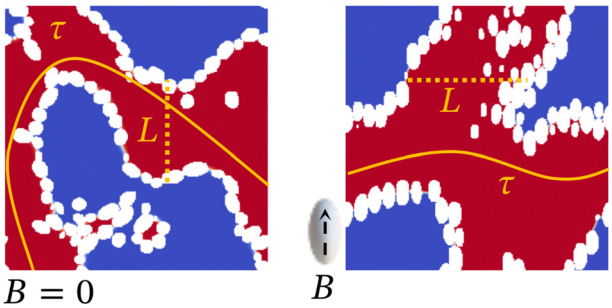
8952

Formation of bijels stabilized by magnetic ellipsoidal particles in external magnetic fields

Nikhil Karthikeyan and Ulf D. Schiller*



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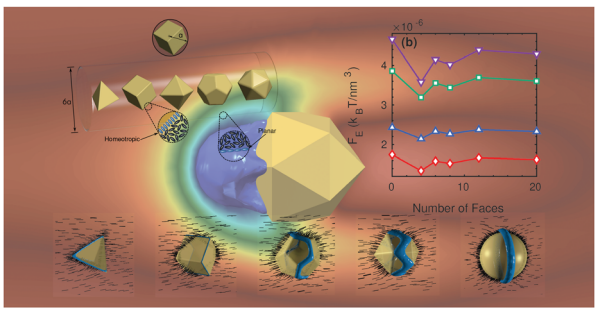
Geometrical impacts of platonic particles on nematic liquid crystal dynamics

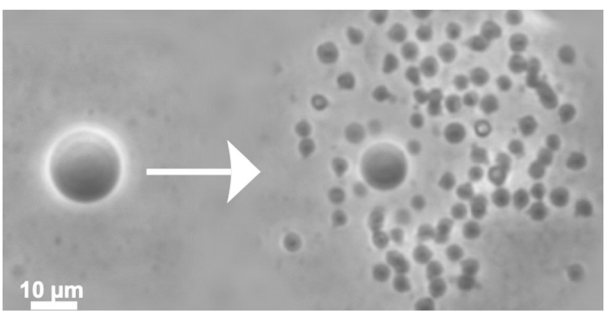
Stiven Villada-Gil, Monirosadat Sadati, Juan D. Ospina-Correa, Daniel A. Olaya-Muñoz, Juan P. Hernández-Ortiz* and José A. Martínez-González*



8976

Osmotic spawning vesicle

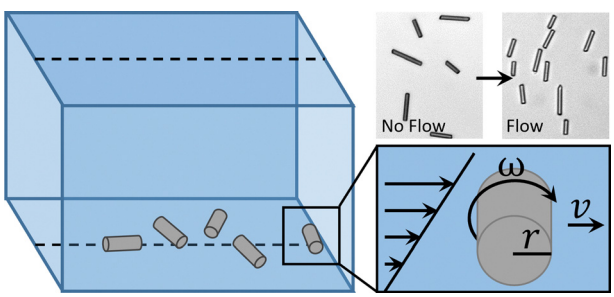
Minoru Kurisu* and Masayuki Imai



8990

Rolling and ordering of micro rods in shear flow induced by rod wall interactions

Martin Wittmann, Igor M. Kulić, Antonio Stocco and Juliane Simmchen*



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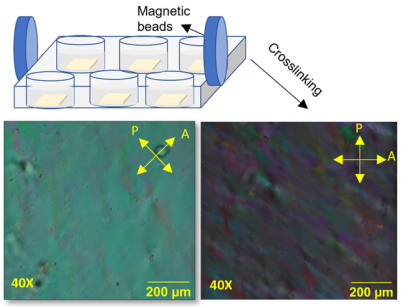

Liquid crystalline collagen assemblies as substrates for directed alignment of human Schwann cells

Homa Ghaiedi, Luis Carlos Pinzon Herrera, Saja Alshafeay, Leonard Harris, Jorge Almodovar and Karthik Nayani*

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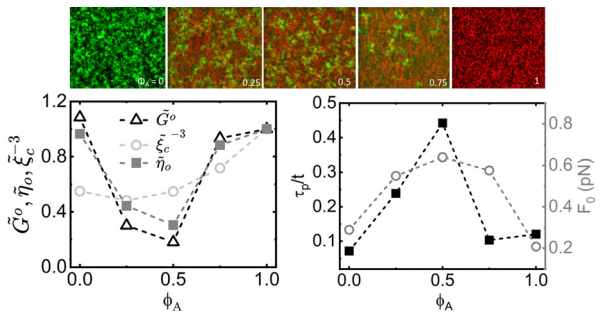

Scale-dependent interactions enable emergent microrheological stress response of actin–vimentin composites

Julie Pinchiaroli, Renita Saldanha, Alison E. Patteson, Rae M. Robertson-Anderson and Bekele J. Gurmessa*

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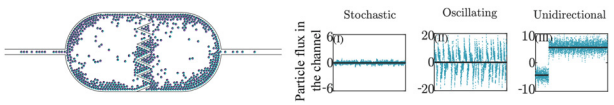

Long-lived unidirectional flow of active particles within long narrow channels

Man Xu, Ying Lan, Yuehua Yang and Hongyuan Jiang*

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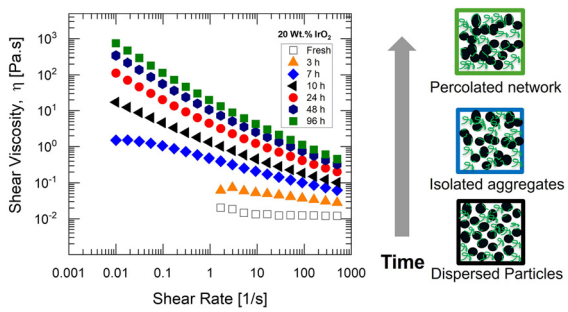

Aging iridium oxide catalyst inks: a formulation strategy to enhance ink processability for polymer electrolyte membrane water electrolyzers

Sunilkumar Khandavalli,* Jae Hyung Park, Robin Rice, Diana Y. Zhang, Sarah A. Berlinger, Guido Bender, Deborah J. Myers, Michael Ulsh and Scott A. Mauger

PAPERS

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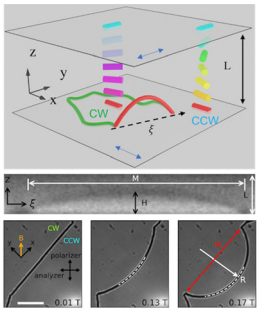
Morphology and line tension of twist disclinations in a nematic liquid crystal

Yihao Chen,* Mina Mandić, Charlotte G. Slaughter, Michio Tanaka, James M. Kikkawa, Peter J. Collings and A. G. Yodh



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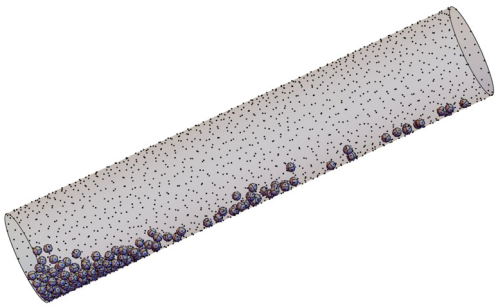
Tribocharging of granular materials flowing in grounded inclined tubes

Nicolas Preud'homme,* Julien Schockmel, Eric Opsomer and Geoffroy Lumay



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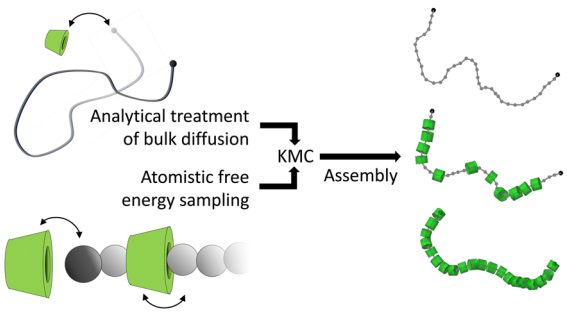
A multi-scale framework for predicting α-cyclodextrin assembly on polyethylene glycol axles

Cameron D. Smith, Chenfeng Ke* and Wenlin Zhang*



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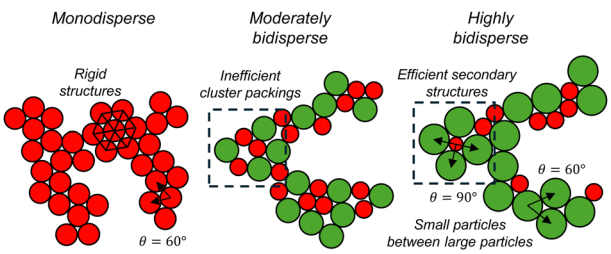
Pairing-specific microstructure in depletion gels of bidisperse colloids

Rony A. Waheibi and Lilian C. Hsiao*



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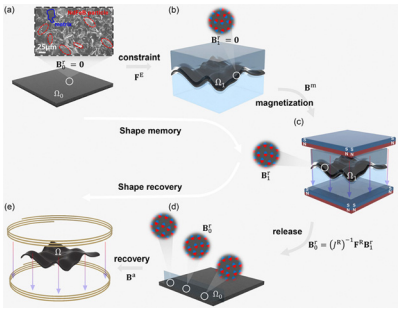

Shape memory and recovery mechanism in hard magnetic soft materials

Rong Jia, Kai Tan* and Qian Deng*

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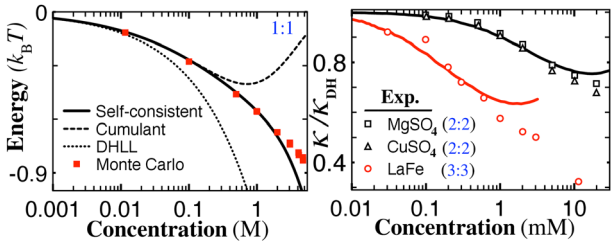

Self-consistent electrostatic formalism of bulk electrolytes based on the asymmetric treatment of the short- and long-range ion interactions

Sahin Buyukdagli