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Cover
See Sangwoo Lee *et al.*, pp. 3257–3266.
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COMMUNICATIONS

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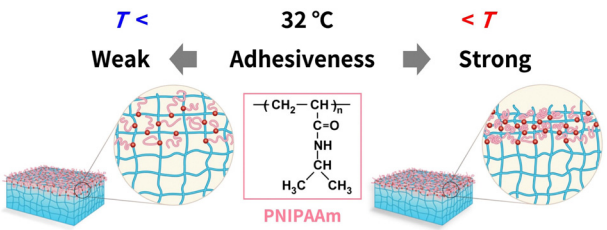
A surface-grafted hydrogel demonstrating thermoresponsive adhesive strength change

Aya M. Akimoto,* Yuji Ohta, Yuki Koizumi, Taichi Ishii, Masaru Endo, Takafumi Enomoto, Taihei Nishimoto and Ryo Yoshida*



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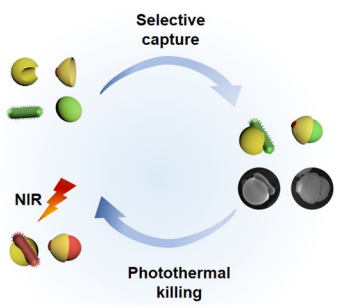
Colloidal antibiotic mimics: selective capture and killing of microorganisms by shape-anisotropic colloids

Sihua Ren, Fei Xu, Huaguang Wang* and Zexin Zhang*



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Soft Matter

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PAPERS

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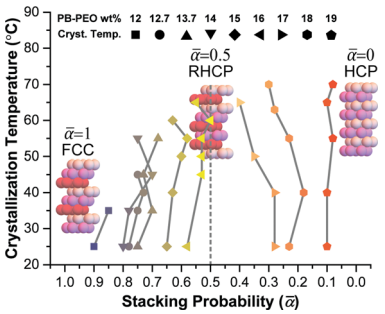
Continuous transition of colloidal crystals through stable random orders

Juhong Ahn, Liwen Chen, Patrick T. Underhill, Guillaume Freychet, Mikhail Zhernenkov and Sangwoo Lee*



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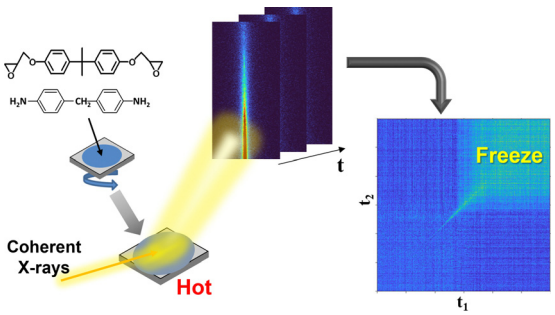
Dynamic behaviours of epoxy resin thin films during the curing process

Taiki Hoshino,* Yasushi Okamoto, Atsushi Yamamoto and Hiroyasu Masunaga



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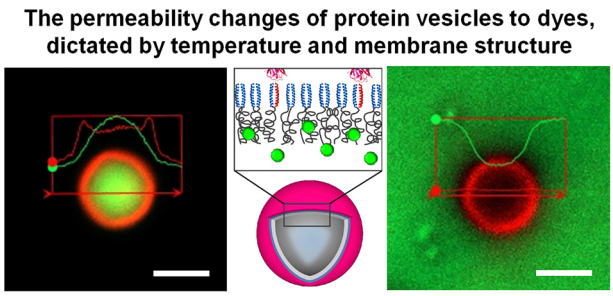
Temperature-responsive membrane permeability of recombinant fusion protein vesicles

Jackson Powers and Yeongseon Jang*



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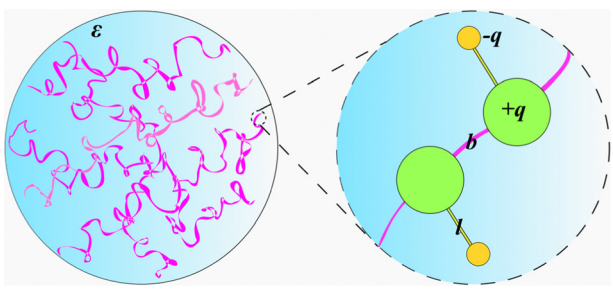
Theory of self-coacervation in semi-dilute and concentrated zwitterionic polymer solutions

Yury A. Budkov,* Petr E. Brandyshev and Nikolai N. Kalikin



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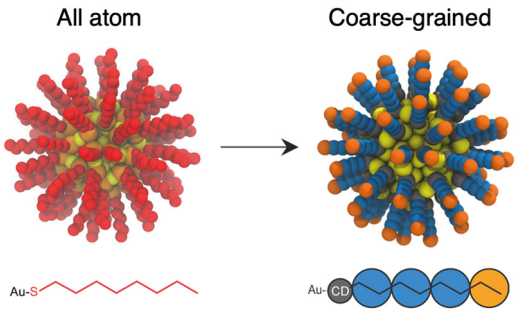

Development of a coarse-grained model for surface-functionalized gold nanoparticles: towards an accurate description of their aggregation behavior

Emanuele Petretto, Pablo Campomanes and Stefano Vanni*

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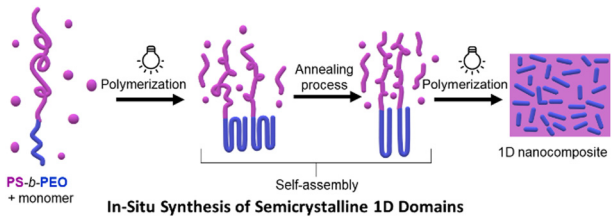

Controlling block copolymer one-dimensional self-assembly in polymeric matrices

Jessica Gutiérrez González, Marcelo Ceolín, Walter F. Schroeder and Ileana A. Zucchi*

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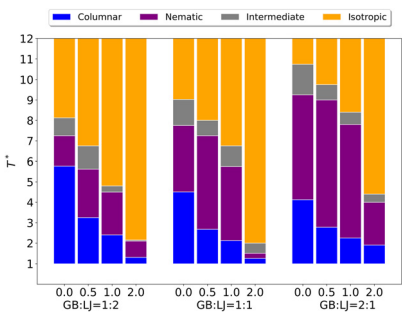

Phase behaviour of mixtures of charged soft disks and spheres

Valerio Mazzilli, Katsuhiko Satoh* and Giacomo Saielli*

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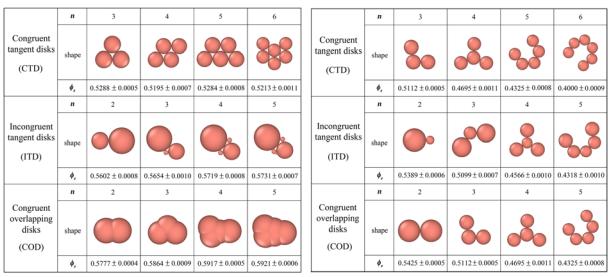

Optimal shapes of disk assembly in saturated random packings

Zhaohui Huang, Wei Deng, Shixuan Zhang and Shuixiang Li*

PAPERS

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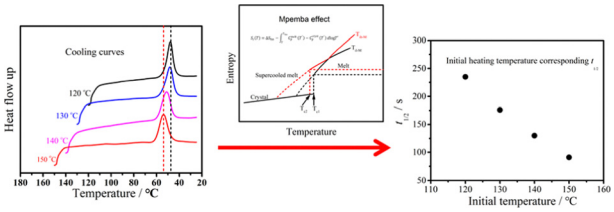
Mpemba effect in crystallization of polybutene-1

Jinghua Liu, Jingqing Li, Binyuan Liu, Ian W. Hamley and Shichun Jiang*



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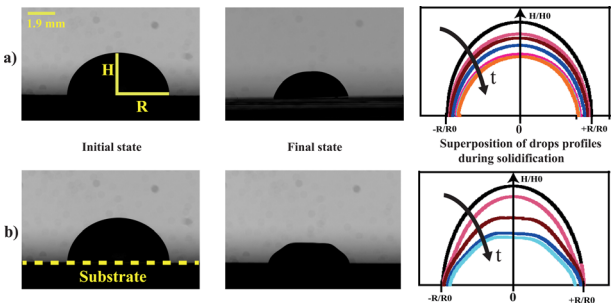
Structuration and deformation of colloidal hydrogels

S. N'Mar,* L. Pauchard, P. Guenoun, J. P. Renault and F. Giorgiutti-Dauphiné



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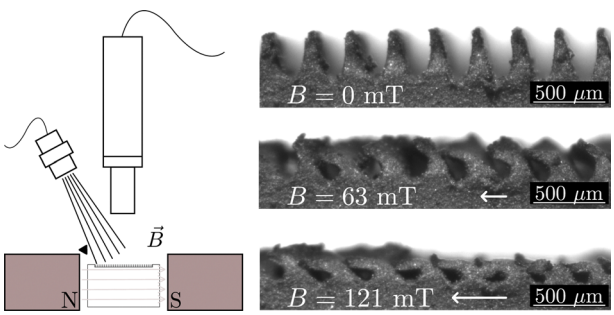
Dynamically tunable lamellar surface structures from magnetoactive elastomers driven by a uniform magnetic field

Izidor Straus, Gašper Kokot,* Gaia Kravanja, Luka Hribar, Raphael Kriegl, Mikhail Shamonin, Matija Jezeršek and Irena Drevenšek-Olenik



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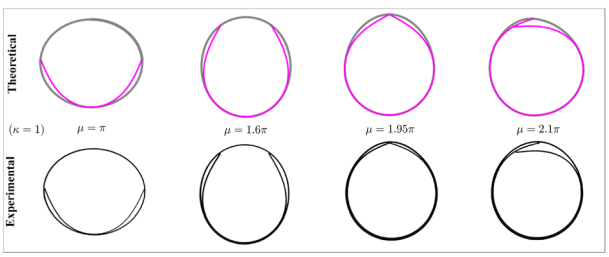
Growth of a flexible fibre in a deformable ring

Arsenio Cutolo, Massimiliano Fraldi, Gaetano Napoli* and Giuseppe Puglisi



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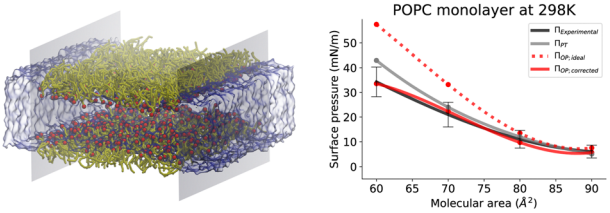

An *in silico* osmotic pressure approach allows characterization of pressure–area isotherms of lipid monolayers at low molecular areas

Janak Prabhu, Akhil Pratap Singh and Stefano Vanni*

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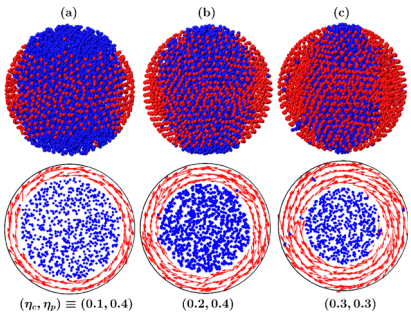

Phase behavior and dynamics in a colloid–polymer mixture under spherical confinement

Arabinda Bera, Kurt Binder, Sergei A. Egorov and Subir K. Das*

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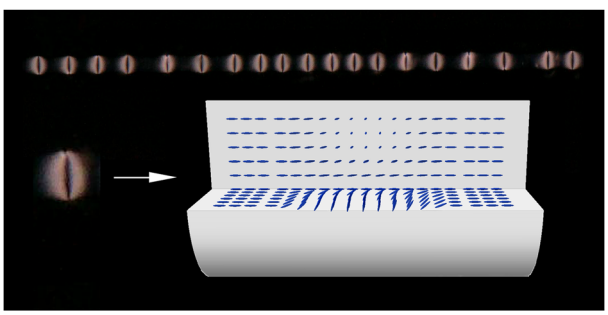

Photopolymerization of 1D photonic structures induced by nematic–isotropic phase transition in liquid crystal

Miłosz S. Chychłowski,* Marta Kajkowska, Bartłomiej Jankiewicz, Bartosz Bartosewicz, Tomasz R. Woliński and Piotr Lesiak