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See Surya Narayana Sangitra and Ravi Kumar Pujala, pp. 5869–5879. Image reproduced by permission of Ravi Kumar Pujala from *Soft Matter*, 2023, **19**, 5869.

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Insights and guidelines to interpret forces and deformations at the nanoscale by using a tapping mode AFM simulator: dForce 2.0

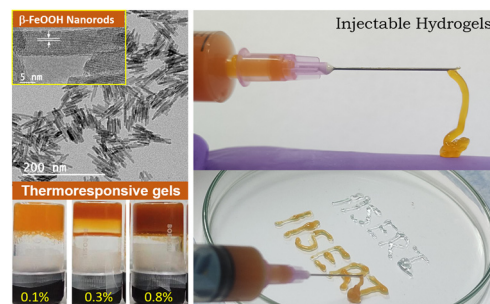
Victor G. Gisbert and Ricardo Garcia*



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Effect of small amounts of akaganeite (β -FeOOH) nanorods on the gelation, phase behaviour and injectability of thermoresponsive Pluronic F127

Surya Narayana Sangitra and Ravi Kumar Pujala*



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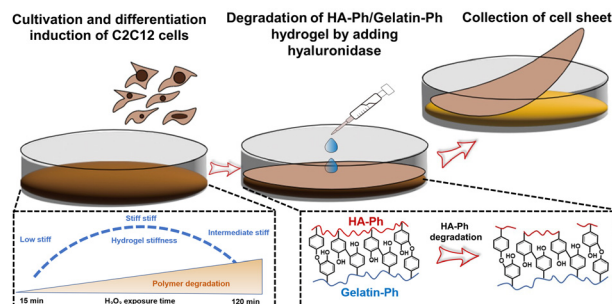


PAPERS

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Tuning the crosslinking and degradation of hyaluronic acid/gelatin hydrogels using hydrogen peroxide for muscle cell sheet fabrication

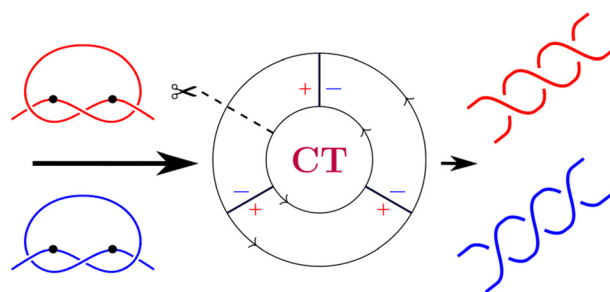
Kelum Chamara Manoj Lakmal Elvitigala, Wildan Mubarak and Shinji Sakai*



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Decoding chirality in circuit topology of a self entangled chain through braiding

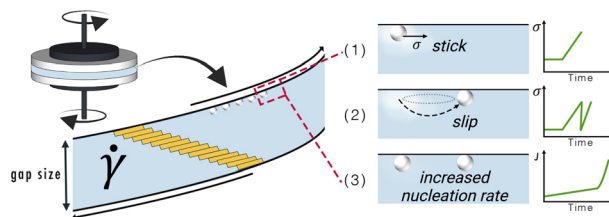
Jonas Berx and Alireza Mashaghi*



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The interplay between nucleation and patterning during shear-induced crystallization from solution in a parallel plate geometry

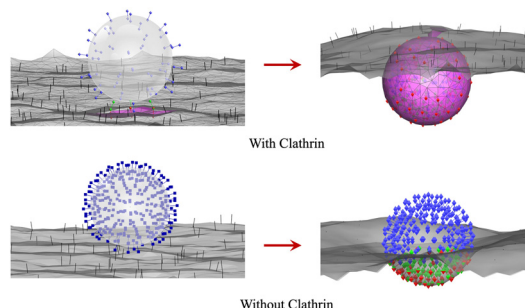
Cedric Devos, Anja Vananroye, Ruth Cardinaels, Christos Xiouras, Tom Van Gerven and Simon Kuhn*



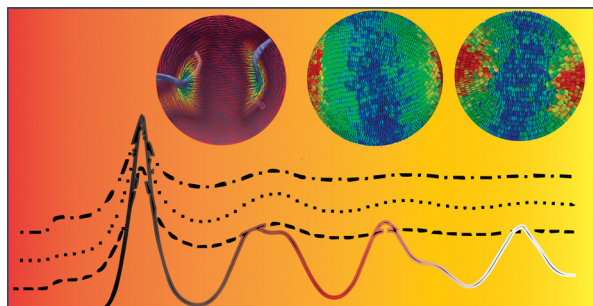
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Effects of receptor properties on particle internalization through receptor-mediated endocytosis

Md Muhtasim Billah, Hua Deng, Prashanta Dutta and Jin Liu*



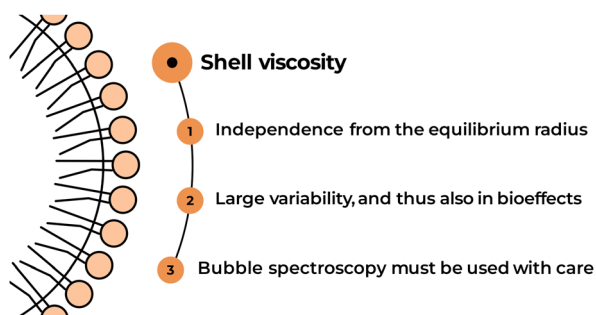
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Daniel Salgado-Blanco,* Enrique Díaz-Herrera, José A. Martínez-González and Carlos I. Mendoza

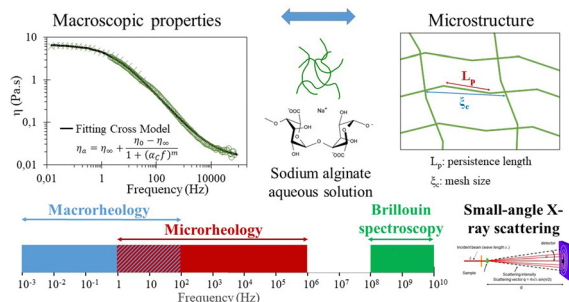
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Shell viscosity estimation of lipid-coated microbubbles

Marco Cattaneo* and Outi Supponen

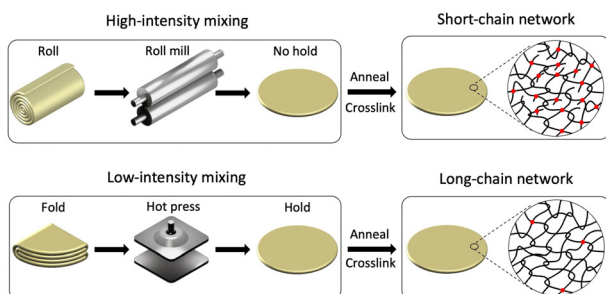
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Multiscale investigation of viscoelastic properties of aqueous solutions of sodium alginate and evaluation of their biocompatibility

Alberto Varela-Feijoo, Philippe Djemia, Tetsuharu Narita, Frédéric Pignon, Armelle Baeza-Squiban, Valentina Sirri and Alain Ponton*

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Low-intensity mixing process of high molecular weight polymer chains leads to elastomers of long network strands and high fatigue threshold

Xianyang Bao, Guodong Nian, Yakov Kutsovsky, Junsoo Kim, Quan Jiao and Zhigang Suo*

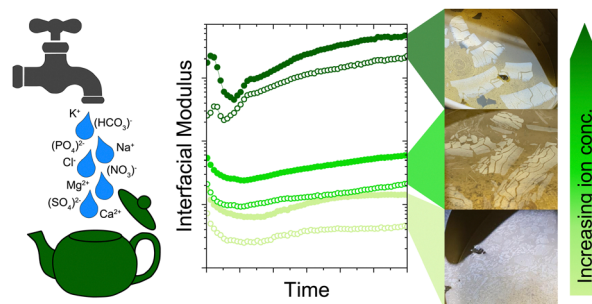


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Tea film formation in artificial tap water

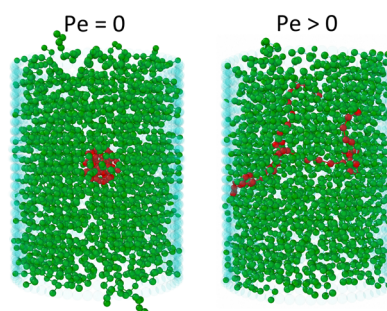
Caroline E. Giacomini*, Rebecca Yun Chen, Erwin Hack and Peter Fischer*



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Structure and dynamics of an active polymer chain inside a nanochannel grafted with polymers

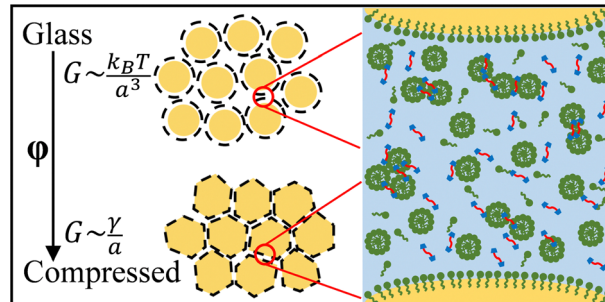
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Glassy and compressed nanoemulsions stabilized with sodium dodecyl sulfate in the presence of poly(ethylene glycol)-diacrylate

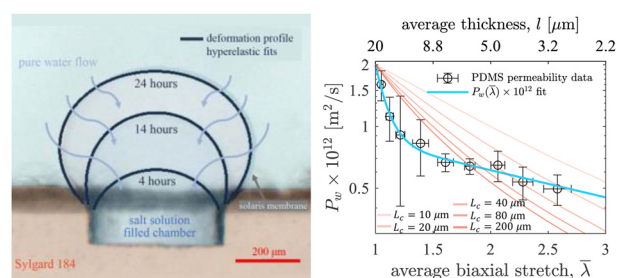
Zahra Abbasian Chaleshtari, Hamed Salimi-Kenari and Reza Foudazi*



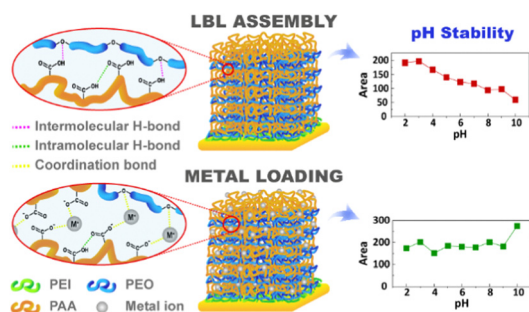
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Deformation-dependent polydimethylsiloxane permeability measured using osmotic microactuators

Alexandra R. Spitzer and Shelby B. Hutchens*



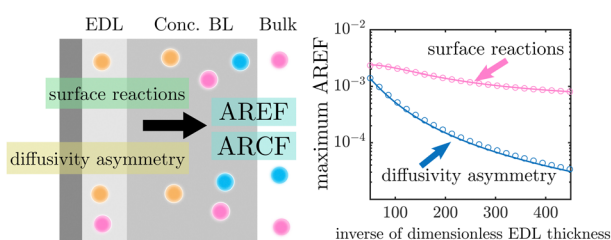
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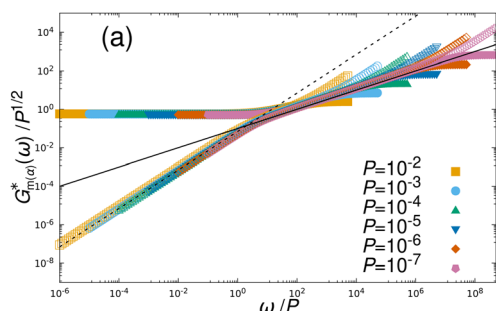
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Asymmetric rectified electric and concentration fields in multicomponent electrolytes with surface reactions

Nathan Jarvey, Filipe Henrique and Ankur Gupta*

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Yusuke Hara,* Hideyuki Mizuno and Atsushi Ikeda

