

Soft Matter

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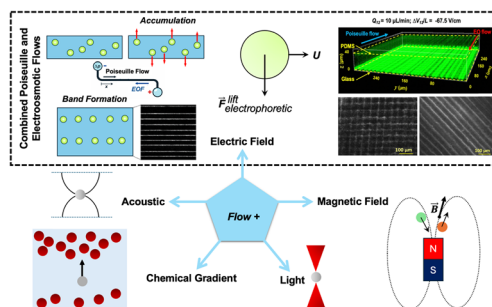
See Minami Yoda, Shaurya Prakash *et al.*, pp. 3827-3845. Image reproduced by permission of Shaurya Prakash, Minami Yoda, Debmalya Halder and Andrew Yee from *Soft Matter*, 2026, 22, 3827.

PERSPECTIVE

3827

Dynamics of particles suspended in field-enhanced microscale flows

Debmalya Halder, Andrew Yee, Minami Yoda* and Shaurya Prakash*

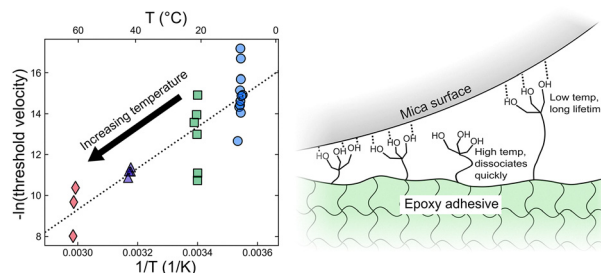


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Stress-aided thermal activation of crack propagation in multidentate hydrogen bonding adhesives

Zachary D. Lamberty, Ngon T. Tran, Daniel B. Knorr Jr and Joelle Frechette*



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Coating-induced lubrication in granular media: from particle-scale tribology to bulk rheology

F. M. Rocha,* D. Dumont, F. Tapia, A. Gans, V. Bertin, M. Nicolas and O. Pouliquen

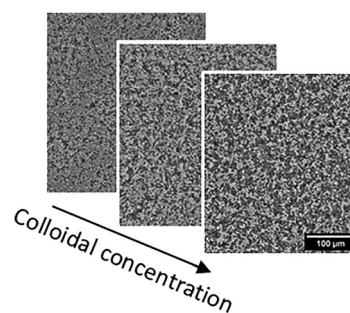
Coating-Induced Lubrication in Granular Media:



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Multiscale reorganisation of colloidal aggregation by percolating bacterial networks

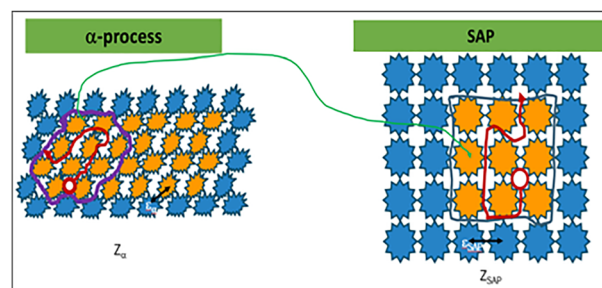
Laura Stricker*, Samuel G. V. Charlton* and Eleonora Secchi*



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Modeling the slow Arrhenius process (SAP) in polymers

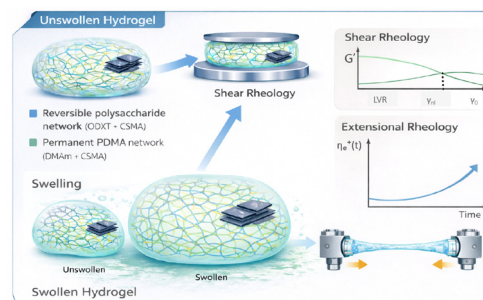
Valeriy V. Ginzburg,* Oleg V. Gendelman, Simone Napolitano, Riccardo Casalini and Alessio Zaccone



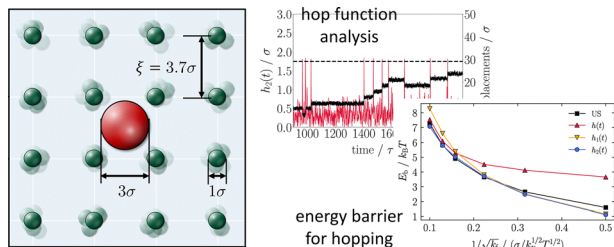
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Rheology of MXene-reinforced dual-network hydrogels in swollen and unswollen states

Jiaxin Wu, Ruihui Yun, Yue Liang, Lesen Ma, Mehdihasan I. Shekh, Guangming Zhu and Florian J. Stadler*



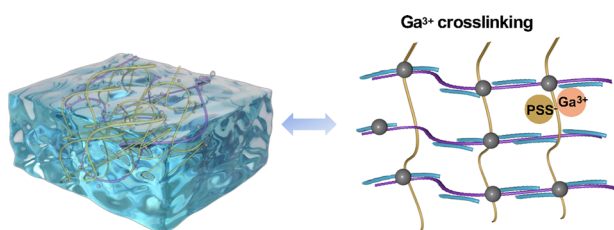
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Hopping dynamics of a tracer particle confined in a fluctuating lattice

Seonghui Kim, Yeonho Song, Bong June Sung,*
Shinji Saito* and Jun Soo Kim*

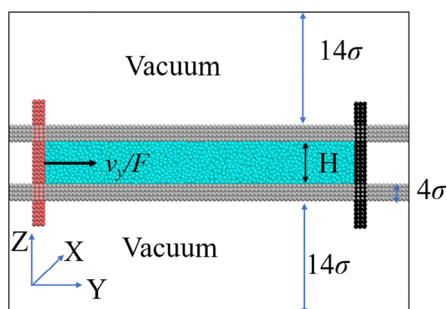
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Mechanically robust PEDOT:PSS hydrogel via mild liquid metal crosslinking

Qian Zhou, Azur Azapagic, Austin Eiting,
Seoyeon Won, Alexandra Boyadzhiev, Himanshu Sant,
Deisy Cristina Carvalho Fernandes and Huanan Zhang*

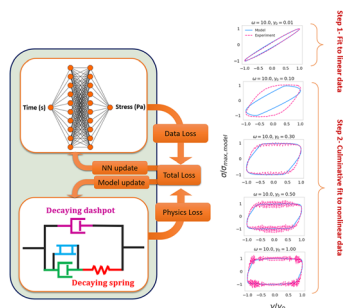
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Plug flow down to the nanoscale can induce partial solidification of confined fluids

Shan Chen, Hongguang Zhang, Zhenjiang Guo,
Ignacio Pagonabarraga* and Xianren Zhang*

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Modeling elastoviscoplastic materials using physics-informed neural networks

Babak Valipour Goodarzi and Reza Foudazi*

