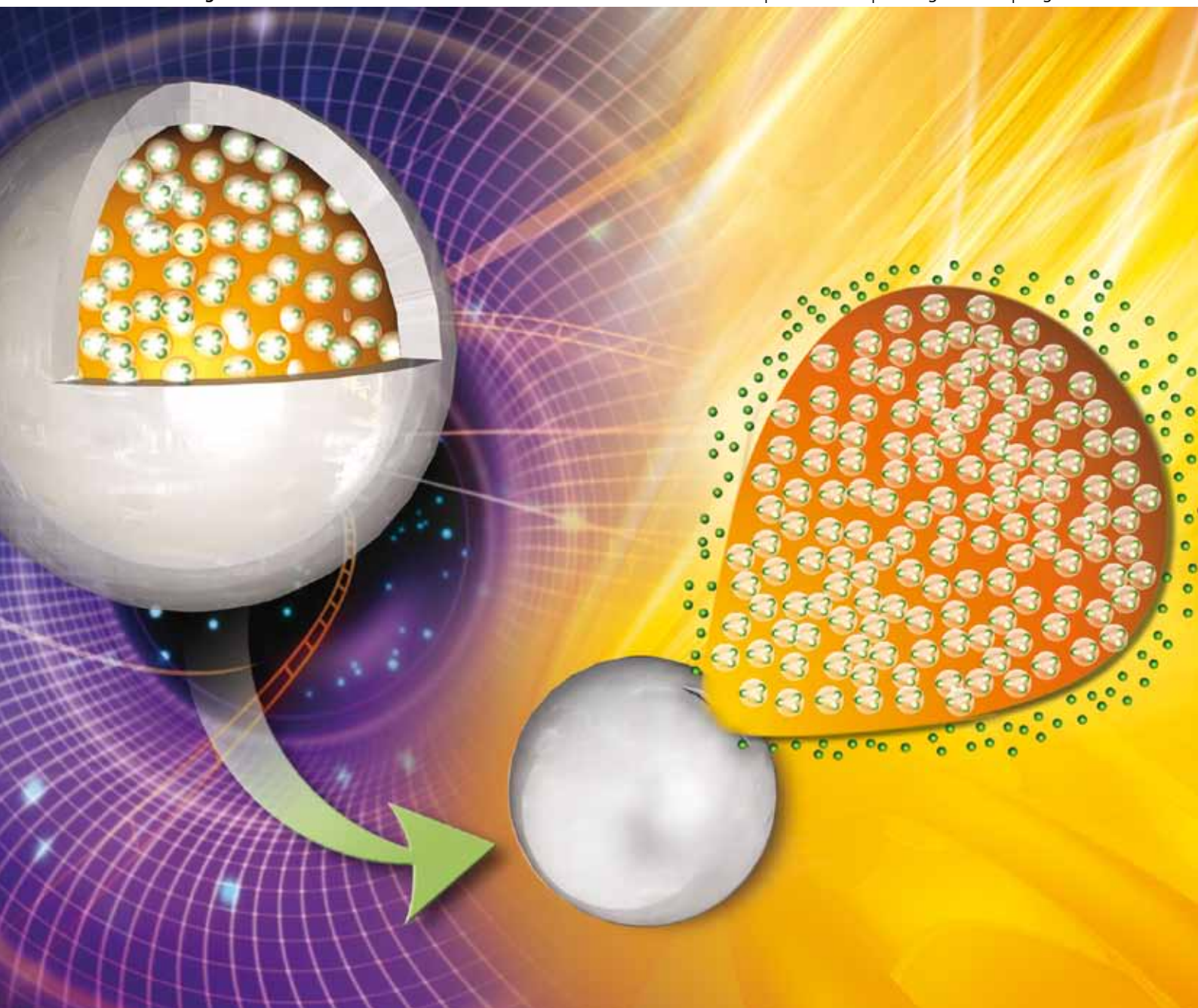


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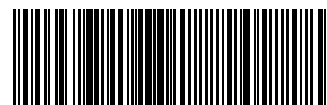
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PAPER

Liang-Yin Chu *et al.*
Smart thermo-triggered squirting
capsules for nanoparticle delivery

REVIEW

Dave J. Adams *et al.*
Peptide conjugate hydrogelators



1744-683X(2010)6:16;1-N

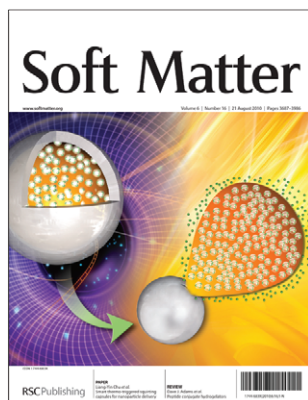
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Cover

See Liu *et al.*, pp. 3759–3763.
The image shows a thermo-triggered squirting microcapsule ejecting nanoparticles with a high momentum by the dramatic shrinkage and sudden rupture of the hydrogel capsule membrane, just like a nanoparticle bomb. Image reproduced by permission of Liang-Yin Chu from *Soft Matter*, 2010, **6**, 3759.

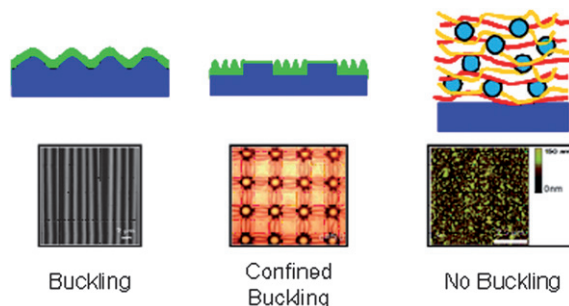
HIGHLIGHT

3701

Buckling in nanomechanical films

Troy R. Hendricks, Wei Wang and Ilsoon Lee*

Thin film buckling has become an interesting research topic with a focus on the underlying physics and its control. Here we highlight the prevention of buckling in nanomechanical films.



REVIEWS

3707

Peptide conjugate hydrogelators

Dave J. Adams* and Paul D. Topham*

The formation of hydrogels using peptide conjugates as small molecular weight gelators is reviewed. These peptide-conjugates can self-assemble into fibrils which entangle to form a three-dimensional network.

