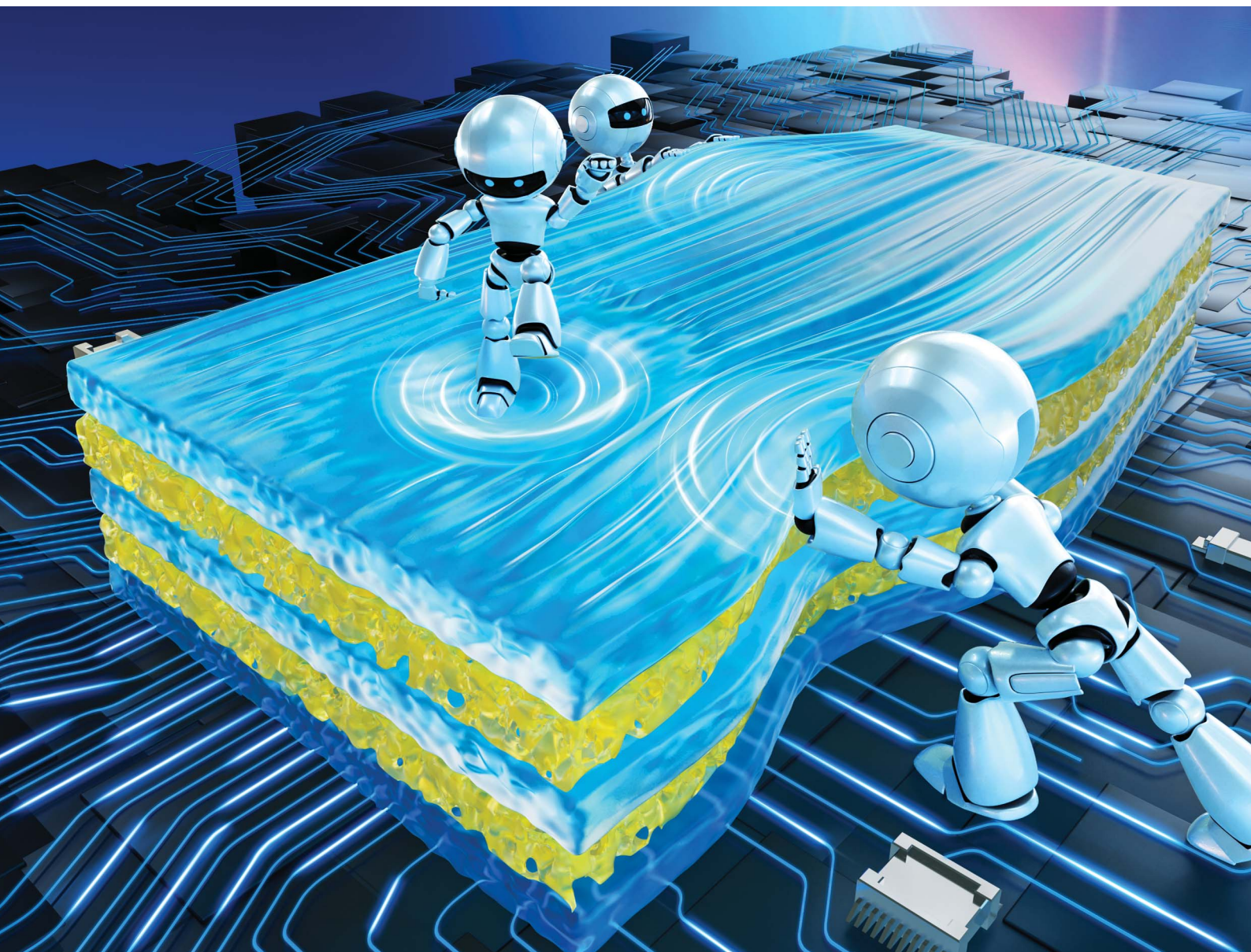


# Journal of Materials Chemistry A

Materials for energy and sustainability

[rsc.li/materials-a](https://rsc.li/materials-a)



ISSN 2050-7488

**PAPER**

Yujie Chen, Hezhou Liu *et al.*  
A multi-modal deformation sensing hydrogel with a nerve-  
inspired highly anisotropic structure