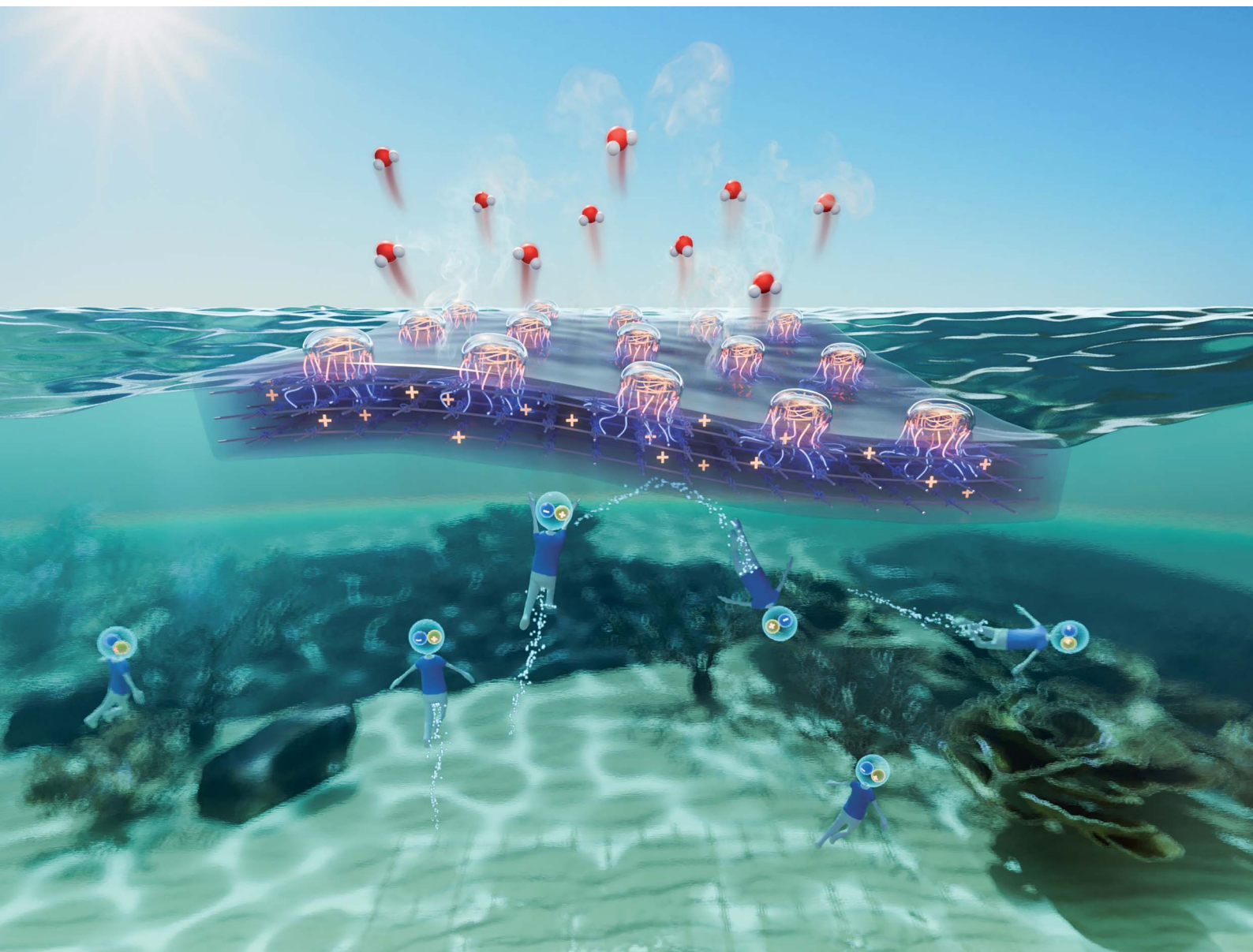


# Journal of Materials Chemistry A

Materials for energy and sustainability

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



ISSN 2050-7488

**PAPER**

Xiayun Huang, Daoyong Chen, Zhihong Nie *et al.*  
Amphiphilic Janus patch-grafted hydrogels for  
salt-rejecting solar water desalination