

Volume 11  
Number 45  
7 December 2023  
Pages 24413–25074

# Journal of Materials Chemistry A

Materials for energy and sustainability

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



ISSN 2050-7488

**PAPER**

Joyce Cavalcante and Gyorgy Szekely  
Surface engineering of a superamphiphilic, self-growing  
fibrous Janus membrane prepared from mycelium