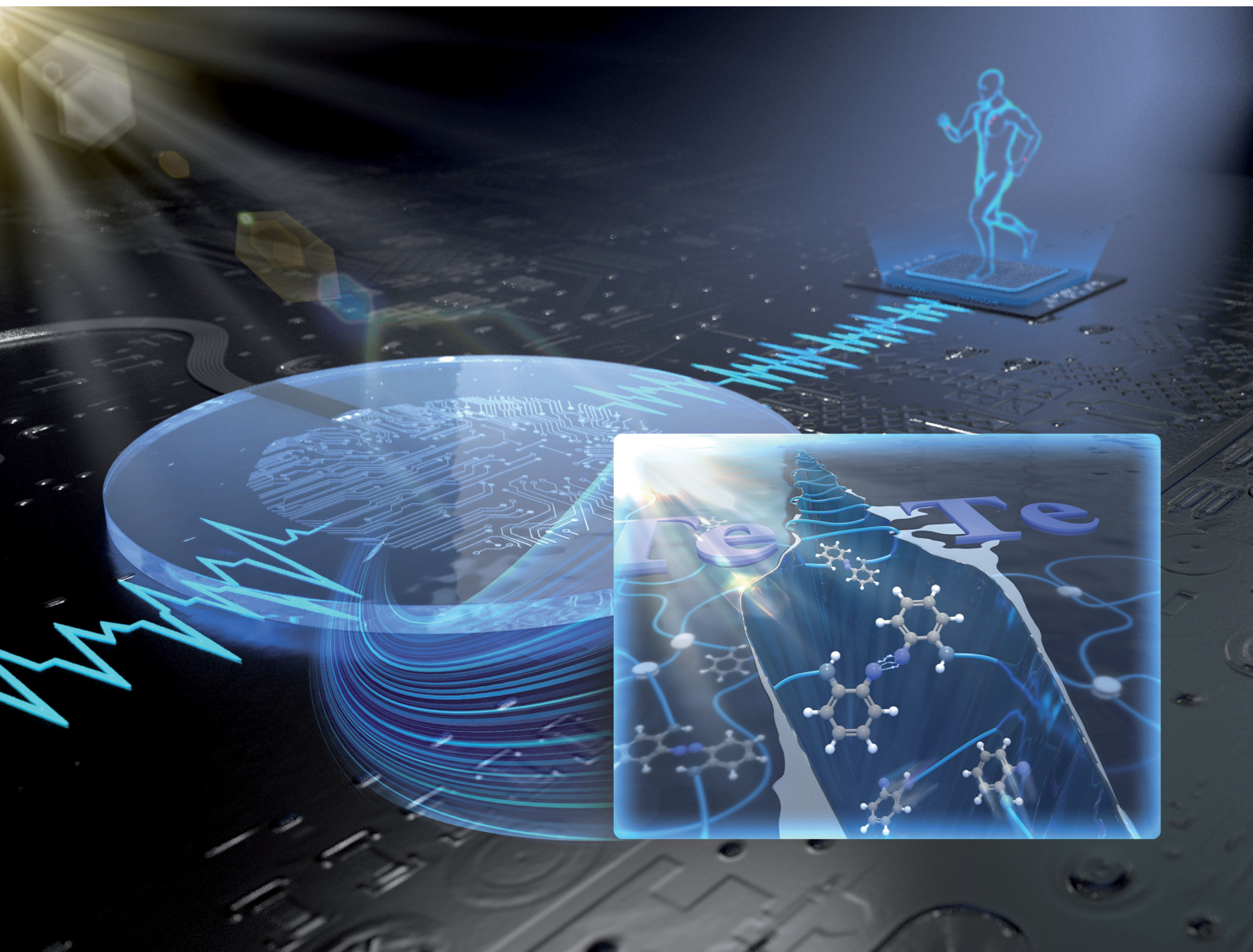


# Materials Horizons

Volume 12  
Number 16  
21 August 2025  
Pages 5933–6408

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



ISSN 2051-6347

## COMMUNICATION

Zuowan Zhou *et al.*

Visible light-initiated rapid self-healing of PDMS elastomers  
engineered through dual dynamic bonding networks for  
smart sensors