Journal of Materials Chemistry A

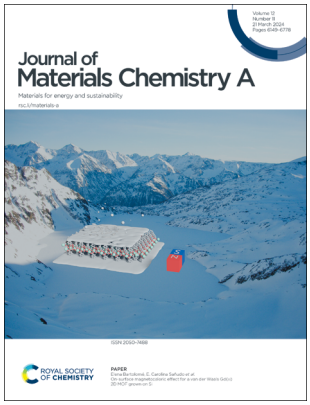
Materials for energy and sustainability

rsc.li/materials-a

The Royal Society of Chemistry is the world's leading chemistry community. Through our high impact journals and publications we connect the world with the chemical sciences and invest the profits back into the chemistry community.

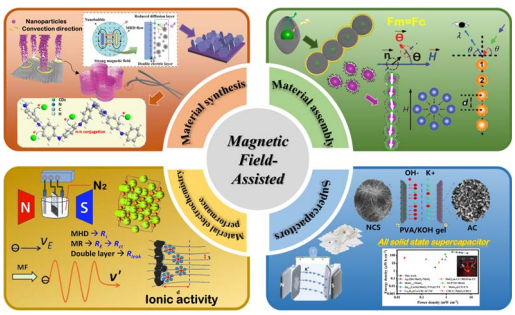
IN THIS ISSUE

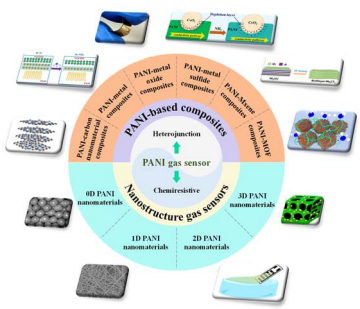
ISSN 2050-7488 CODEN JMCAET 12(11) 6149–6778 (2024)



Cover
See Elena Bartolomé, E. Carolina Sañudo *et al.*, pp. 6269–6279. Image reproduced by permission of E. Carolina Sañudo from *J. Mater. Chem. A*, 2024, **12**, 6269.

REVIEWS





ROYAL SOCIETY OF CHEMISTRY

Environmental Science: Atmospheres

GOLD OPEN ACCESS

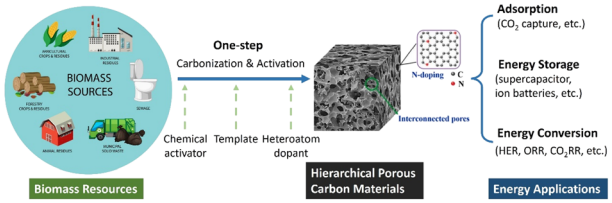
Connecting communities and inspiring new ideas

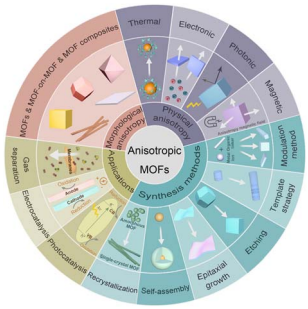
rsc.li/submittoEA

Fundamental questions
Elemental answers

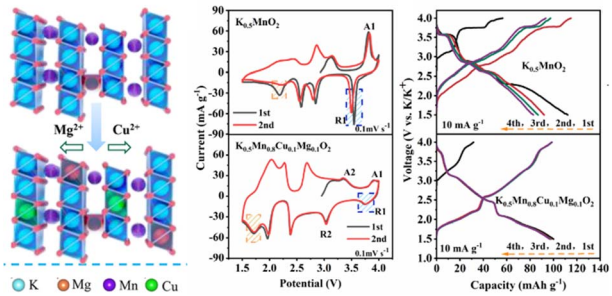
Registered charity number: 207890

REVIEWS

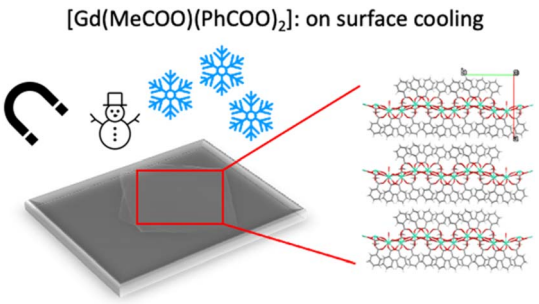




COMMUNICATION

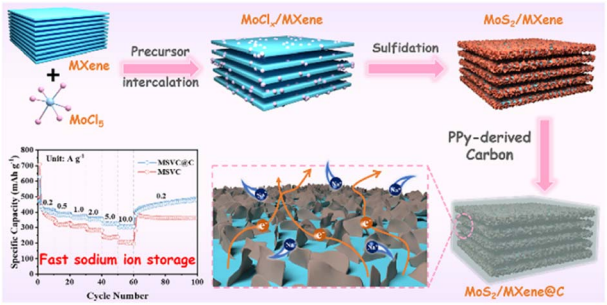


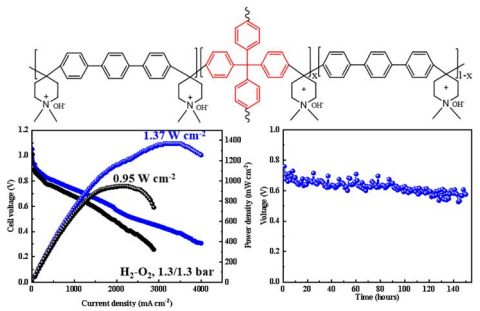
PAPERS

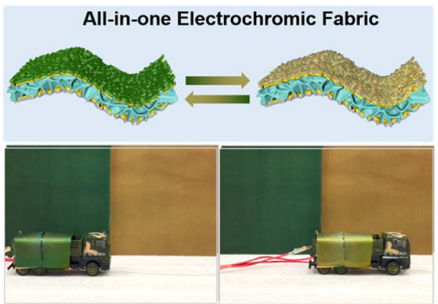


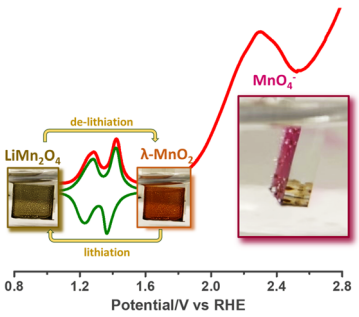
PAPERS

PAPERS



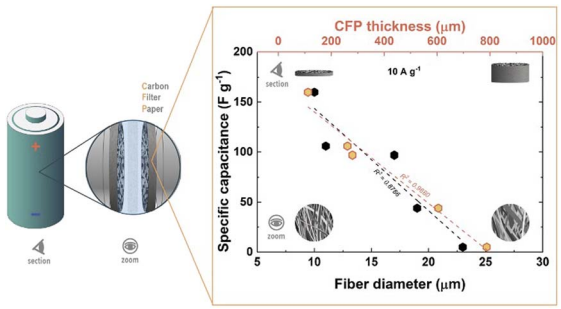


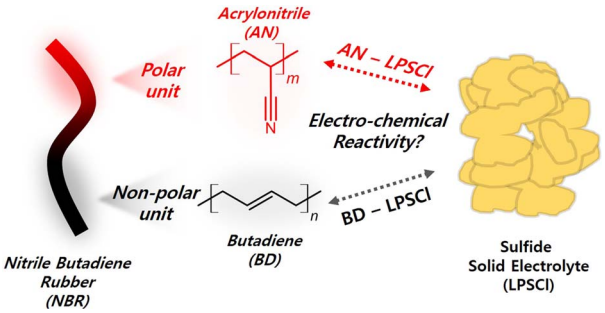


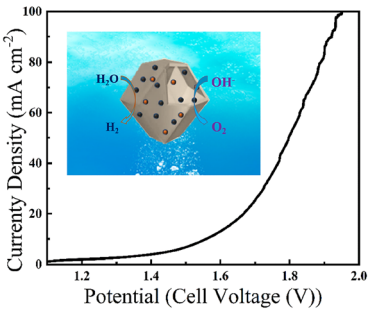


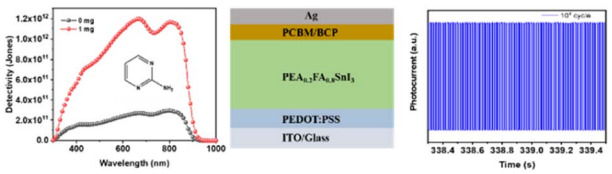
PAPERS

PAPERS







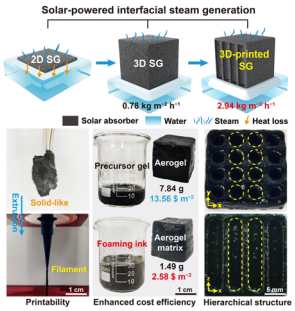


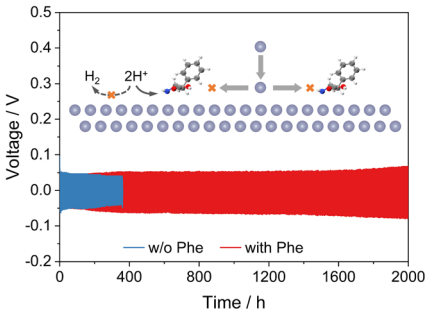
PAPERS

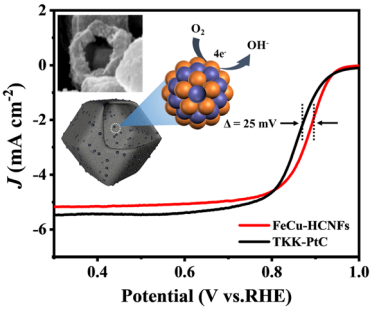
PAPERS

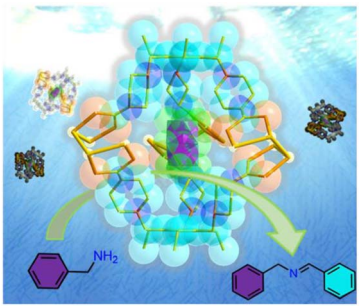
PAPERS

PAPERS



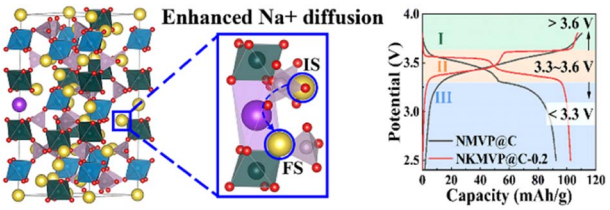


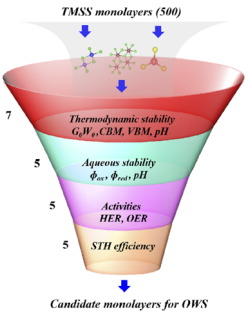


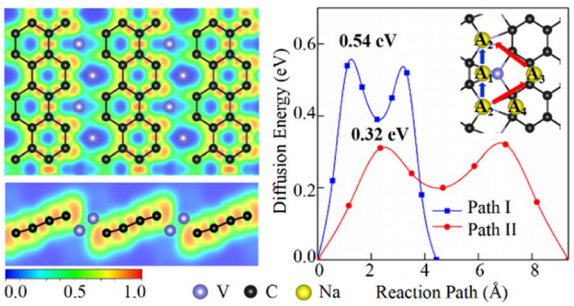


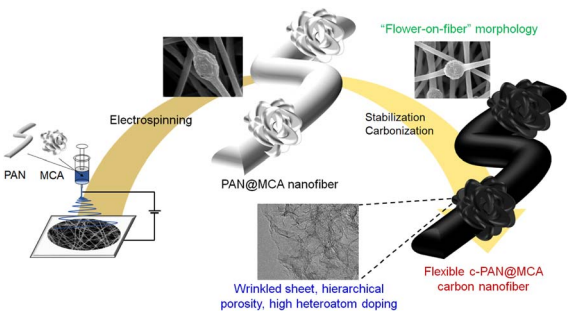
PAPERS

PAPERS









PAPERS