

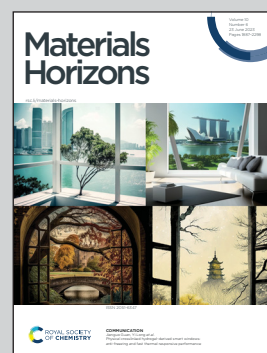


**Showcasing research by Dr Hongmiao Tian and colleagues
at Xi'an Jiaotong University, Xi'an, Shaanxi, China**

Chameleon-inspired active tunable structural color based
on smart skin with multi-functions of structural color,
sensing and actuation

Inspired by the chameleon's camouflage behavior, an
active tunable color system is proposed to modulate colour
according to the surroundings, based on the coupling effect
of artificial muscle based-smart skin, an image acquisition
unit and a controller.

As featured in:



See Hongmiao Tian *et al.*,
Mater. Horiz., 2023, 10, 2024.