

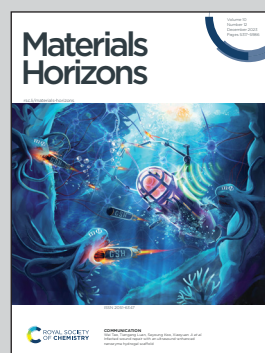


This review was conducted by a team of researchers at Queensland University of Technology with broad expertise in materials mechanics, chemistry, and biology.

Multifunctional nacre-like materials

Seashells and bone have inspired simultaneously strong and tough materials. Translation of these materials to industries requires implementing other functionalities such as transparency, bioactivity, and electromagnetic shielding. This review assesses the progress and outlook in the fabrication, mechanics, and multi-functionality of these bio-inspired materials.

As featured in:



See Mohammad Mirkhalaf *et al.*,
Mater. Horiz., 2023, 10, 5371.