



A metabolic cycle-inspired hydrogel is reported by Young Kyoung Hong, Masahiko Nakamoto and Michiya Matsusaki at Osaka University.

Engineering metabolic cycle-inspired hydrogels with enzyme-fueled programmable transient volume changes

The hydrogel intakes and digests an enzyme as fuel followed by waste excretion, which induces a transient volume change.

As featured in:



See Masahiko Nakamoto,
Michiya Matsusaki *et al.*,
J. Mater. Chem. B, 2023, **11**, 8136.