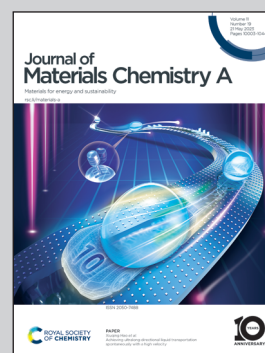


Showcasing research from Professor Liguu Sun's laboratory, School of Chemical Engineering and Materials, University of Heilongjiang, Harbin, China.

Copper phthalocyanine modified hydrogel inverse opal beads for enhanced photocatalytic removal of dyes

Copper phthalocyanine modified hydrogel inverse opal beads with slow light effect are formed after removed the silica microsphere bead templates. The inverse opal beads provide more active sites for copper phthalocyanine loading to further improve the separation efficiency of photoexcited electron-hole pairs. Under light irradiation, the beads exhibit superior degradation efficiency and kinetics for anionic dyes in pore-confined water.

As featured in:



See Linlin Zang, Liguu Sun, Yanhong Zhang *et al.*, *J. Mater. Chem. A*, 2023, **11**, 10195.