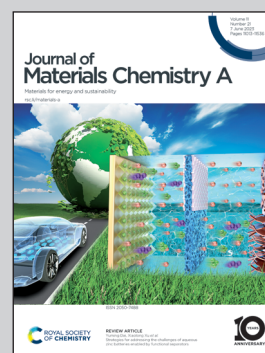


Showcasing research on single-atom photohydrogen production catalysts prepared by freezing precursor solutions from the laboratories of Prof. Ye Feng Yao from East China Normal University.

Preparation of single-atom palladium catalysts with high photocatalytic hydrogen production performance by means of photochemical reactions conducted with frozen precursor solutions

In this work the photochemical reactions were conducted with frozen precursor solutions to prepare Pd SACs, providing almost twice the photocatalytic hydrogen production performance than the control groups fabricated with equivalent liquid precursors.

As featured in:



See Xue-Lu Wang,
Ye-Feng Yao *et al.*,
J. Mater. Chem. A, 2023, **11**, 11202.