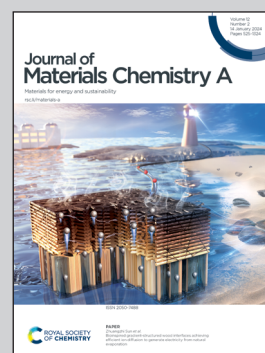


Highlighting the controllable construction of Pt/CNT catalyst layers to improve Pt utilization in PEMFCs from a group of researchers led by Prof. Yan Yin and Prof. Junfeng Zhang from Tianjin University, China.

Controllable construction of Pt/CNT catalyst layers to improve Pt utilization in PEMFCs

Carbon nanotubes with high aspect ratios are utilized as Pt support to construct Pt/CNT catalyst layers, resulting in an improvement in Pt utilization in the fuel cells. Accelerated stress tests indicate that the MEA with the Pt/CNT cathode catalyst layer exhibits superior performance and durability compared to that with the Pt/C catalyst layer.

As featured in:



See Ran Li, Junfeng Zhang, Yan Yin *et al.*, *J. Mater. Chem. A*, 2024, 12, 739.