



Showcasing research from Professor Wendy L. Queen's laboratory, Institute of Chemical Science and Engineering (ISIC), École Polytechnique Fédérale de Lausanne (EPFL), 1950 Sion, Switzerland.

A post-synthetic modification strategy for enhancing Pt adsorption efficiency in MOF/polymer composites

In this work, we developed a novel strategy to modify a MOF/polymer composite, which significantly enhanced the composite's ability to recover platinum from complex waste streams. We also demonstrated the role of the redox-active polymer in adsorbing and reducing precious metals inside the MOF pores.

As featured in:



See Wendy L. Queen *et al.*,  
*Chem. Sci.*, 2024, **15**, 8323.