



Highlighting research from the labs of Prof. Sophie Hermans and Prof. Yaroslav Filinchuk at the Institute of Condensed Matter and Nanosciences, Catholic University of Louvain, Belgium.

Green synthesis of a large series of bimetallic MIL-100(Fe,M) MOFs

A large variety of MIL-100(Fe,M), metal-doped iron-based MOFs with high thermal stability and surface areas, were obtained through a new scalable and green methodology. This water-based synthesis can be applied to doping with p-, d- and f-elements in oxidation states from +I to +V, therefore being widely applicable.

As featured in:



See Timothy Steenhaut, Sophie Hermans, Yaroslav Filinchuk, *New J. Chem.*, 2020, **44**, 3847.