



Showcasing research from Professor Wenpo Shan's laboratory, Institute of Urban Environment, Chinese Academy of Sciences, Xiamen, China.

Abnormal inhibiting effect of H_2O on Pd/SiO_2 and $\text{Na-Pd}/\text{SiO}_2$ catalysts for HCHO oxidation

Unlike most Pd-based catalysts, H_2O will inhibit the activity of the Pd/SiO_2 and even $\text{Na-Pd}/\text{SiO}_2$ catalysts for HCHO oxidation. However, the addition of Na significantly promoted the regeneration ability of the catalyst.

As featured in:



See Yaobin Li, Wenpo Shan *et al.*, *Catal. Sci. Technol.*, 2023, 13, 6409.