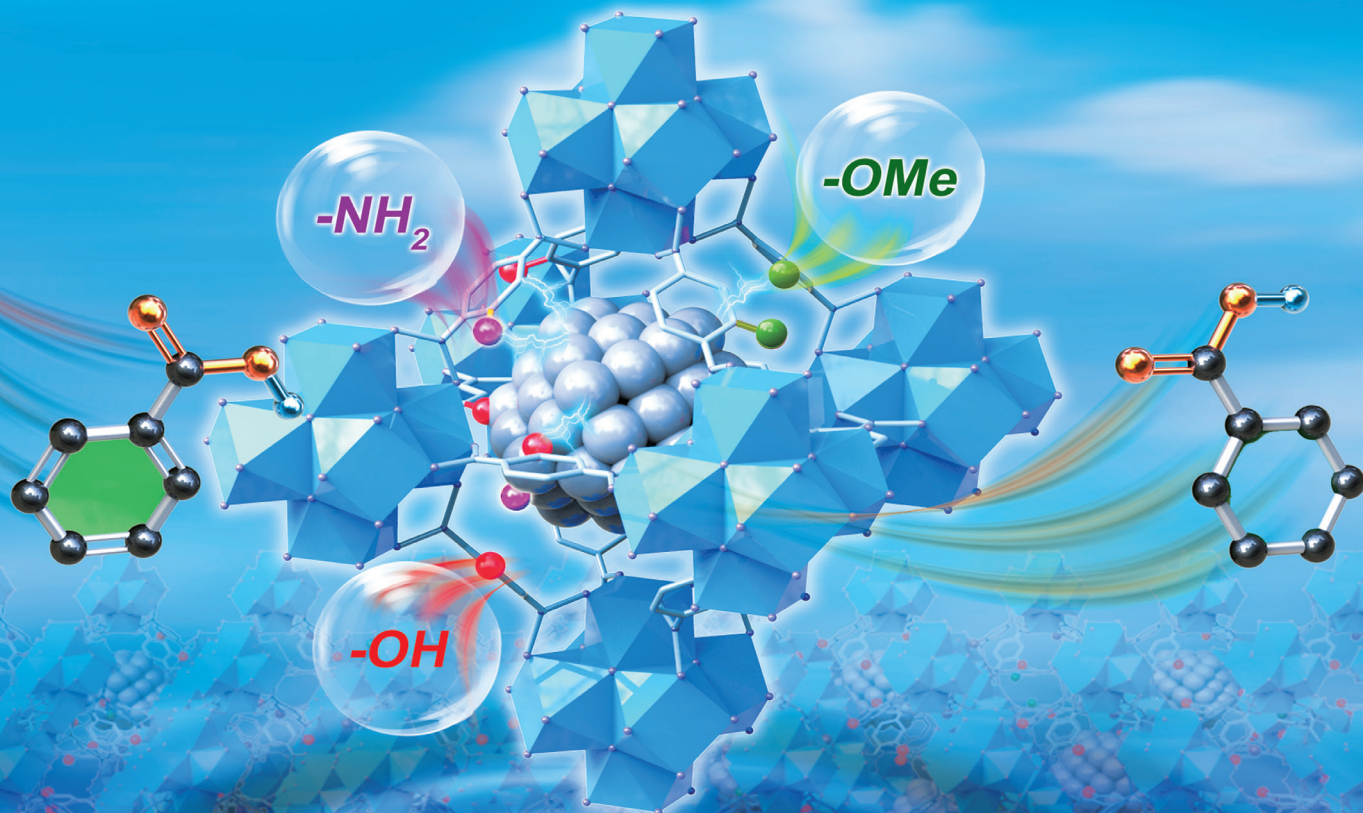


ADVANCED MATERIALS



METAL-ORGANIC FRAMEWORKS

The isorecticular metal-organic framework (MOF) UiO-66-X with diverse functional groups, encapsulating guest Pd nanoparticles, is fabricated by H.-L. Jiang and co-workers, as described in article number 2000041. The chemical microenvironment around the Pd is systematically regulated by these MOF hosts, giving rise to distinctly different performances toward the hydrogenation of benzoic acid.