

Supporting information

Enhancement of copper dispersion and catalytic performances in the hydrogenation of cinnamaldehyde by incorporation of aluminium into mesoporous SBA-15 silica

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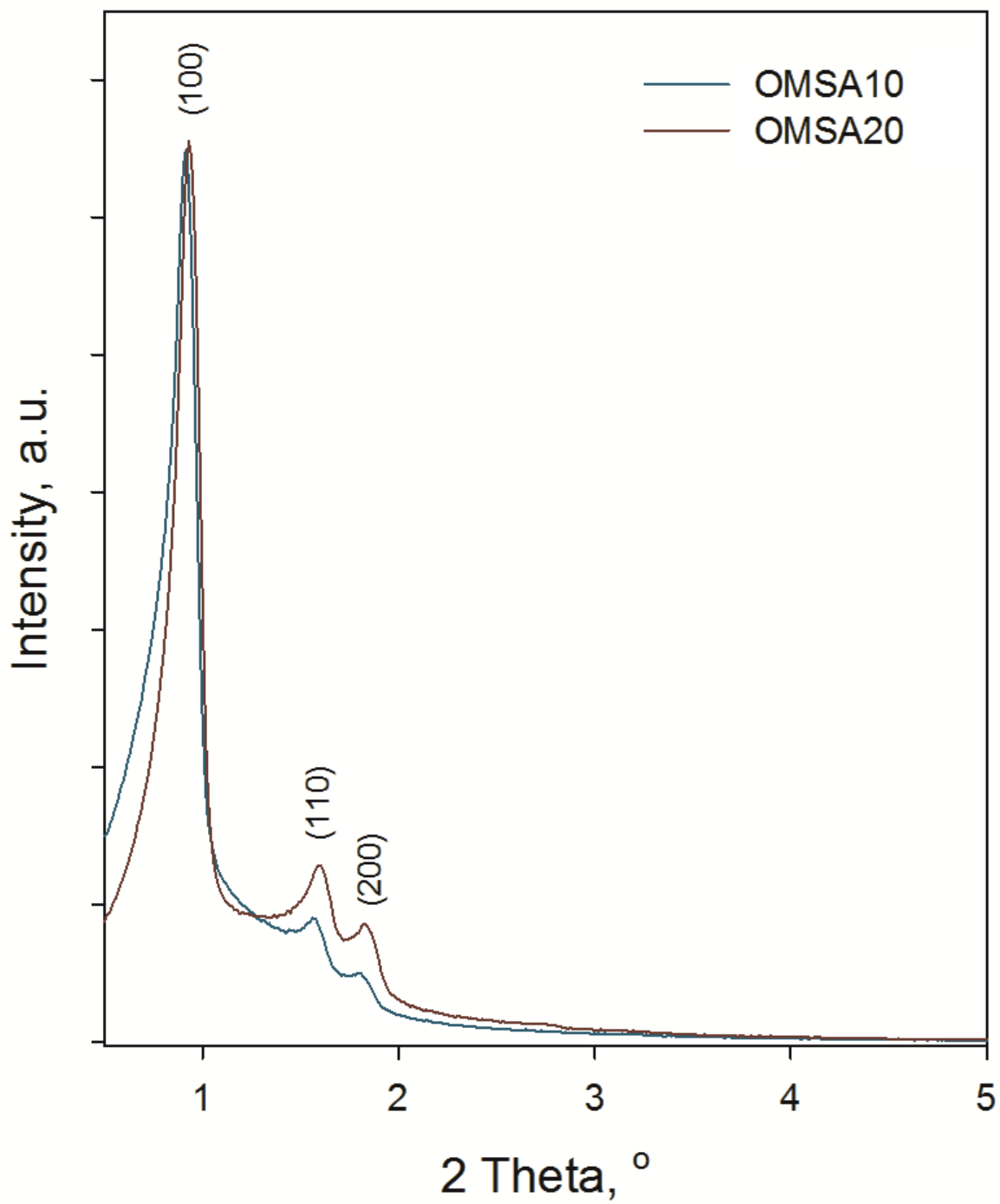


Figure S1 Low-angle XRD patterns of OMSA supports

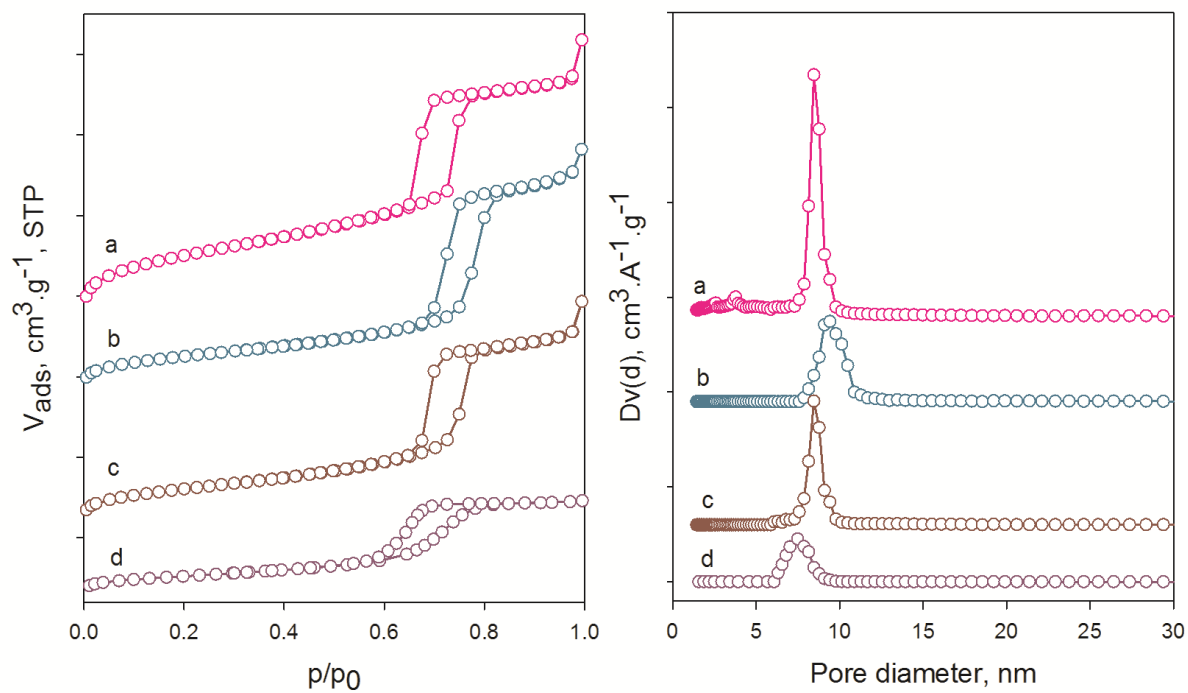


Figure S2 N_2 physisorption isotherms (left) and NL-DFT pore size distribution (right) for the bare supports: OMS (a), OMSA10 (b), OMSA20 (c), and OMA (d)

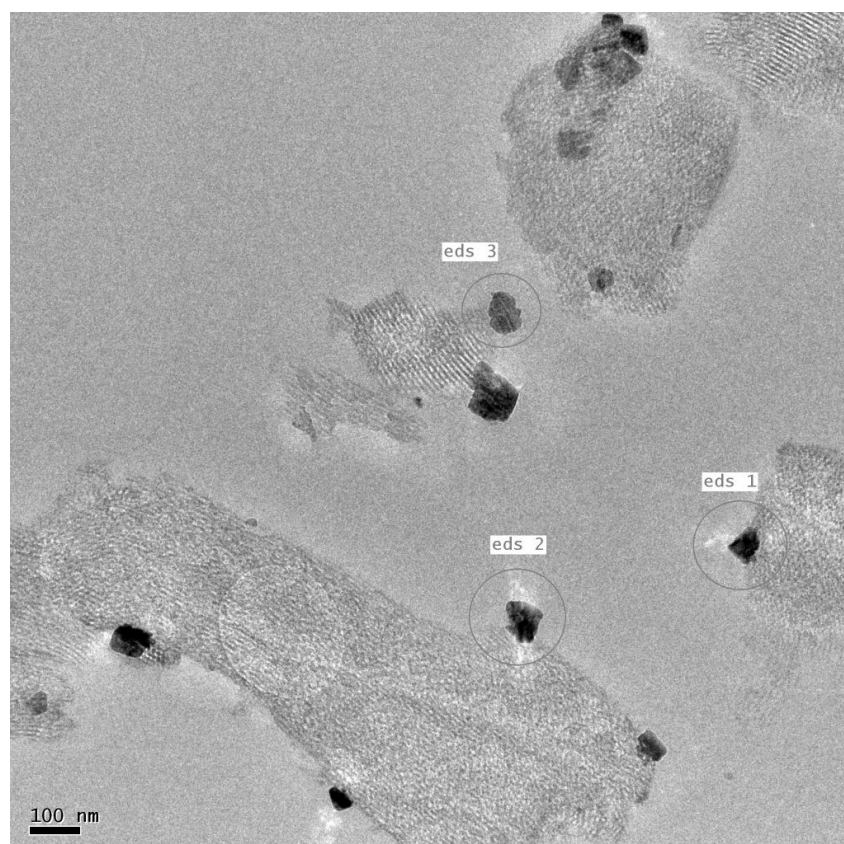


Figure S3 Typical TEM image of calcined Cu/OMS

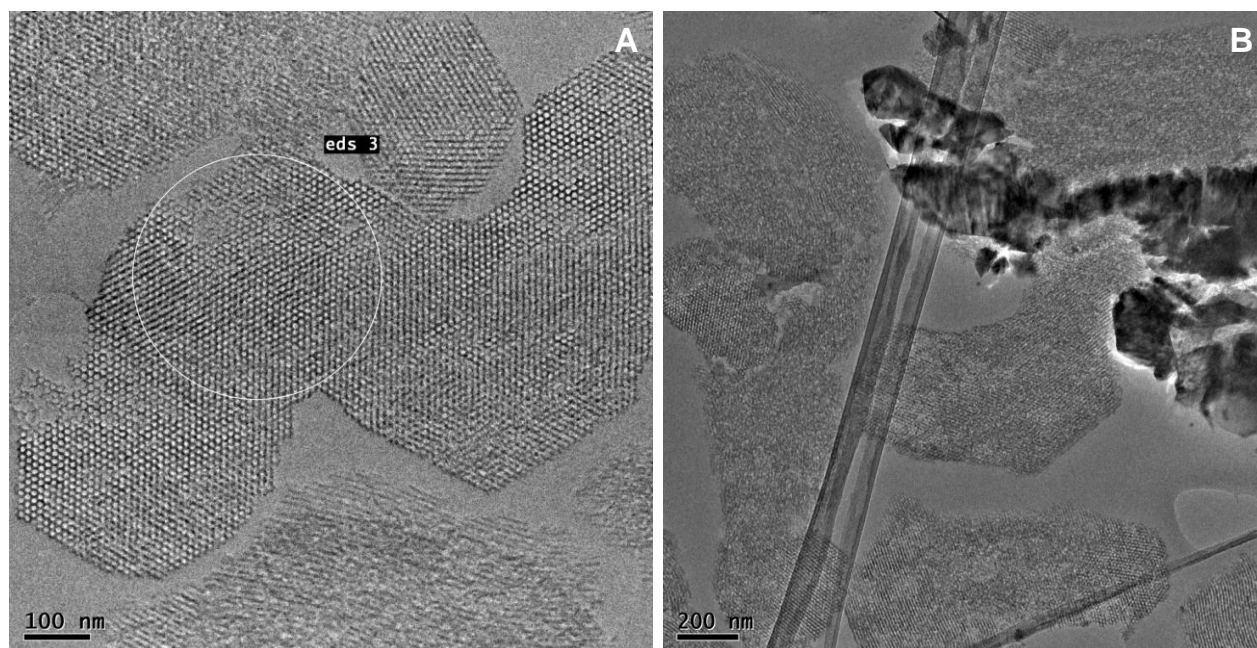
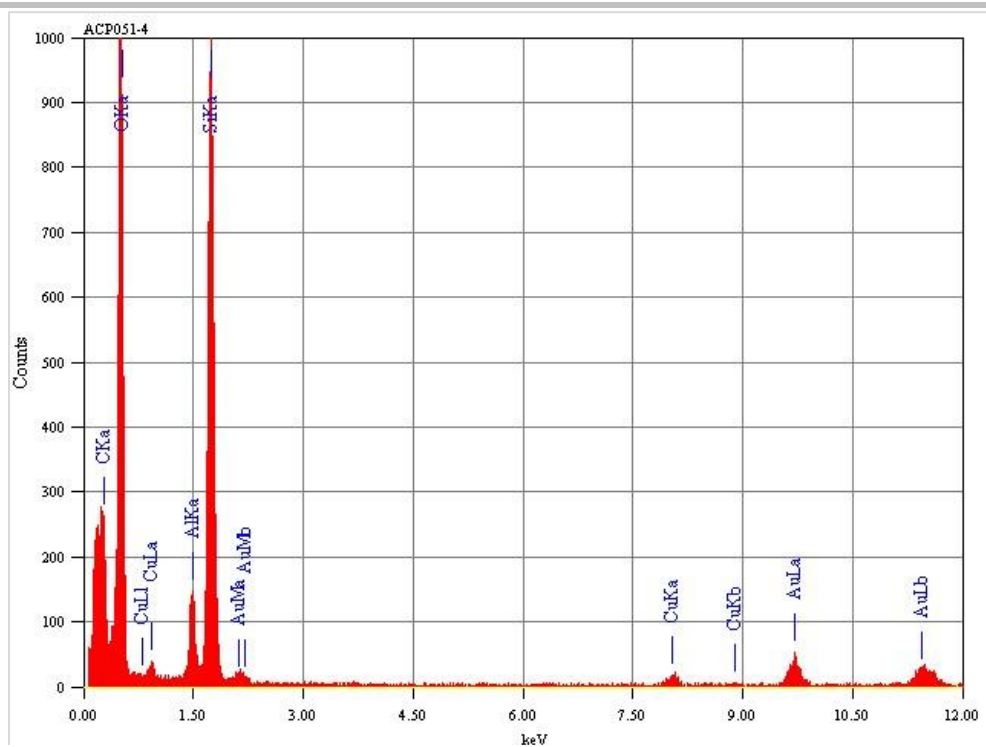


Figure S4 Typical EDX spectrum acquired on the mesostructured zones of Cu/OMSA10 (top). TEM images of calcined Cu/OMSA10 (bottom)

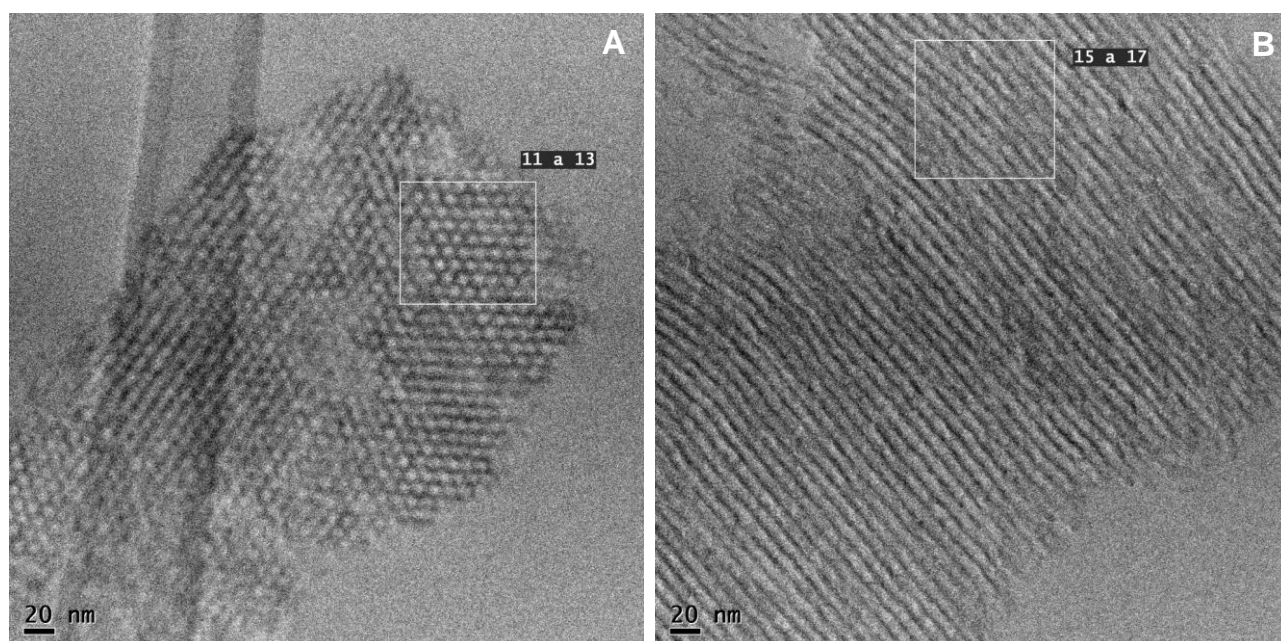
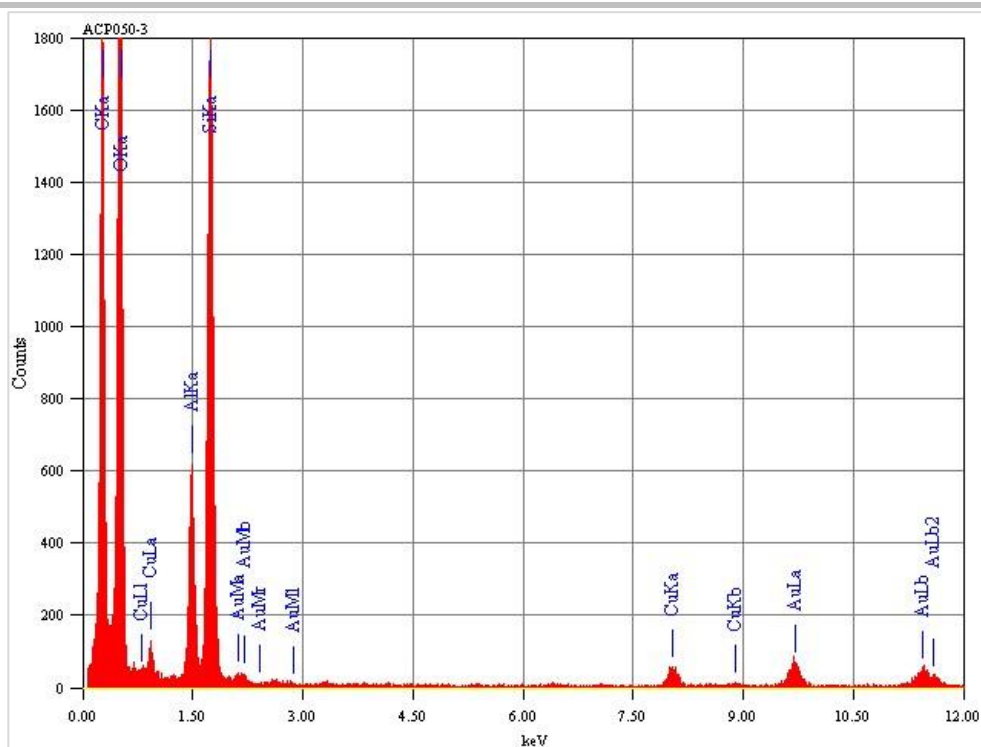


Figure S5 Typical EDX spectrum acquired on the mesostructured zones of Cu/OMSA20 (top). TEM images of calcined Cu/OMSA20 (bottom)