

Supplementary Information

Expandable Layered Hybrid Materials Based on Individual 1D Metalorganic Nanoribbons

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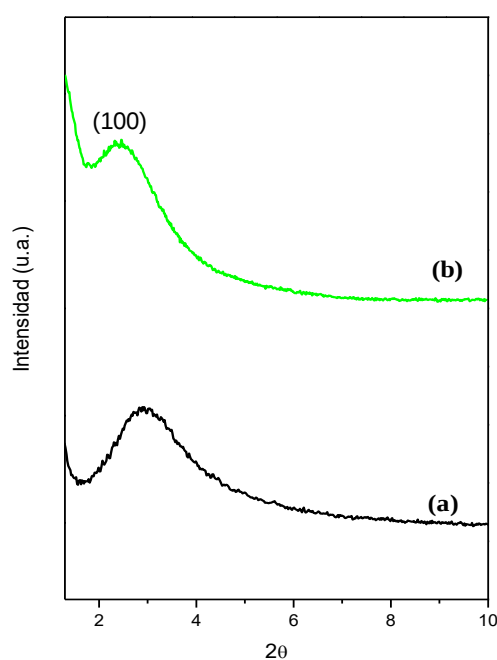


Figure 1. XRD patterns of Al-ITQ-HB hybrid materials prepared with HB as organic spacer agent: (a) microwave system (15 min) and (b) standard solvothermal synthesis conditions (24 h).

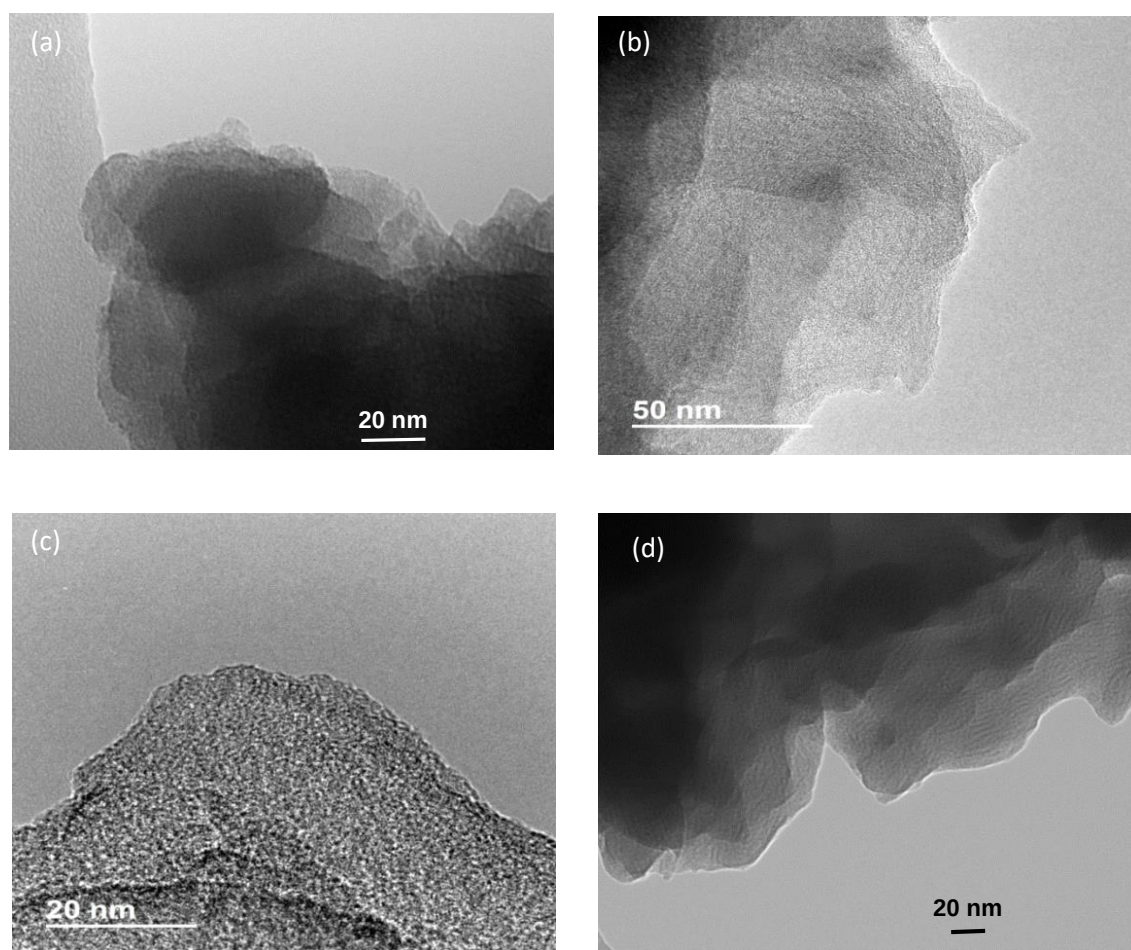


Figure 2. TEM images: (a) Al-ITQ-EB, (b) and (c) Al-ITQ-HB, and (d) Al-ITQ-DB samples. Scale bars correspond to 20 nm for (a), (c) and (d) micrographs, and 50 nm for (b) micrograph.

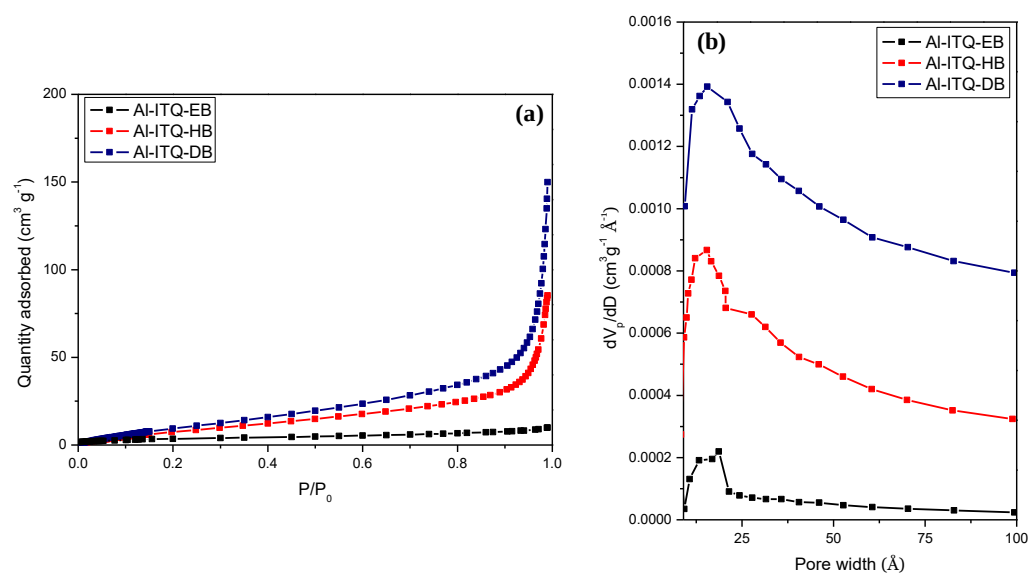


Figure 3. (a) Argon adsorption isotherms and (b) H rth-Kawazoe pore size distribution of Al-ITQ-EB, Al-ITQ-HB and Al-ITQ-DB hybrid materials.