

Supporting Information

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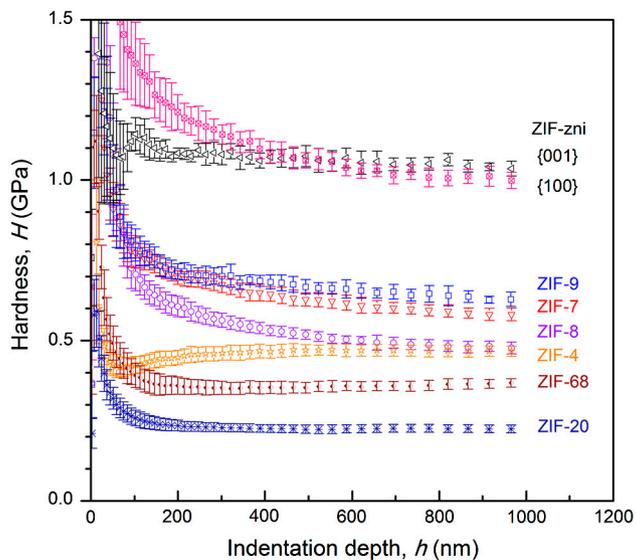


Fig. S1. Indentation hardness (i.e., nanohardness) as a function of indentation depth. All tests were conducted to a maximum depth of 1,000 nm using a sharp Berkovich tip. The error bars indicate the standard deviation of 20 indentation experiments.

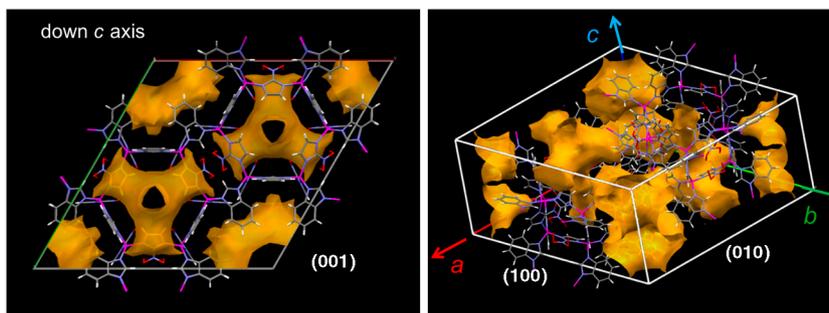


Fig. S2. The anisotropic pore morphology of ZIF-8 (network topology, GME; space group, $P6_3/mmc$) combines big apertures with large channels oriented down the *c* axis. The yellow surfaces designate the solvent accessible volume. Pink, zinc; gray, carbon; blue, nitrogen.

