Supporting Information

for

Interfacial nanoarchitectonics for ZIF-8 membranes with enhanced gas separation

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Additional figures
**Figure S1:** The (a) XRD pattern, (b) top view FE-SEM image, and (c) cross-sectional view FE-SEM image of porous $\alpha$-Al$_2$O$_3$ disk.
Figure S2: Gas separation ($\text{CO}_2/\text{N}_2$) performance of ZIF-8 membranes fabricated at various (a) temperatures, (b) times, and (c) 2-methylimidazole concentrations.