

ARTICLE

Supporting Information

ZIF-8 micromembranes for gas separation prepared on laser-perforated brass supports

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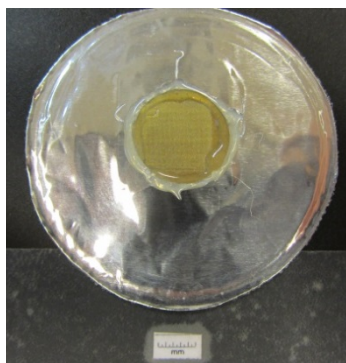


Figure S1. Micromembrane adapted to the permeation modulus; total diameter: 4.4 cm.

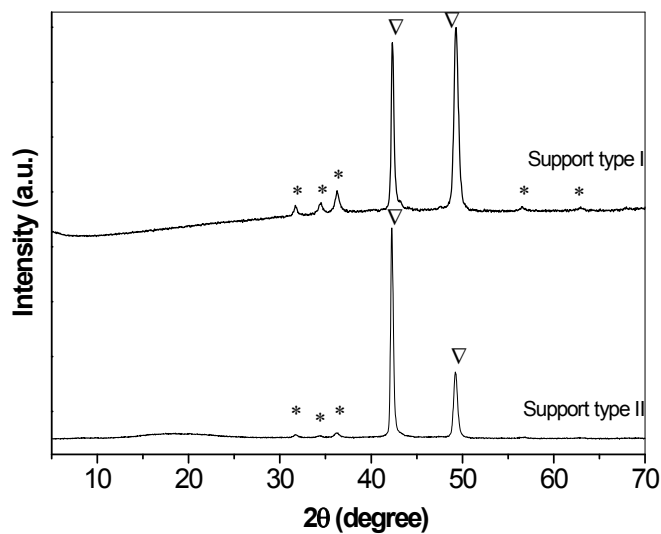


Figure S2. XRD patterns of irradiated supports. Asterisks correspond to ZnO while triangles to brass.

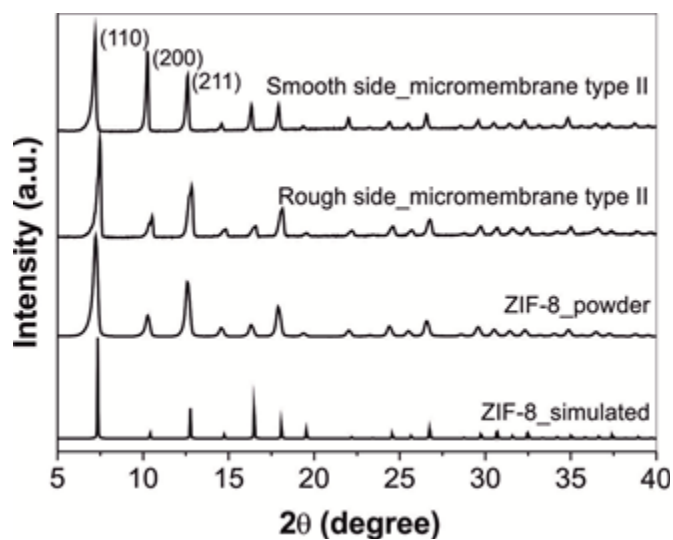


Figure S3. XRD patterns of ZIF-8 micromembrane grown on smooth (outlet) and rough (inlet) side of laser perforated brass sheet as compared to the powder and simulated diffractograms.

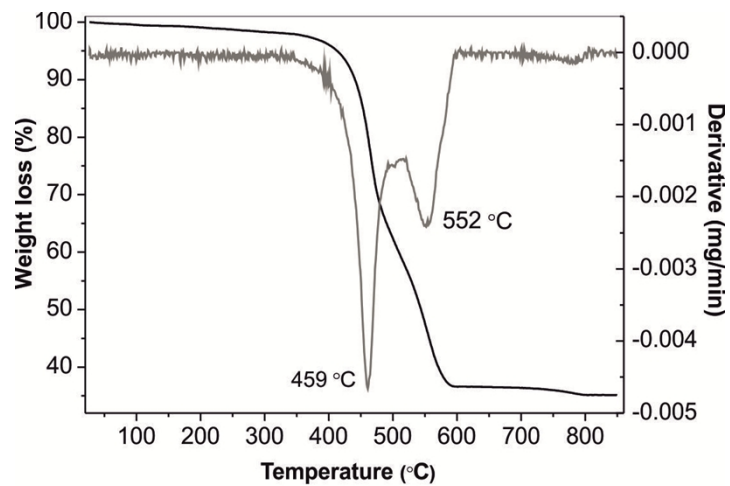


Figure S4. Weight loss curve in N₂ and the corresponding derivative for ZIF-8 powder collected after the micromembrane synthesis.