

ZIF-8-derived Hollow Polyhedra Modified Graphene Oxide Membranes for Organic Solvent Nanofiltration with Enhanced Permeance

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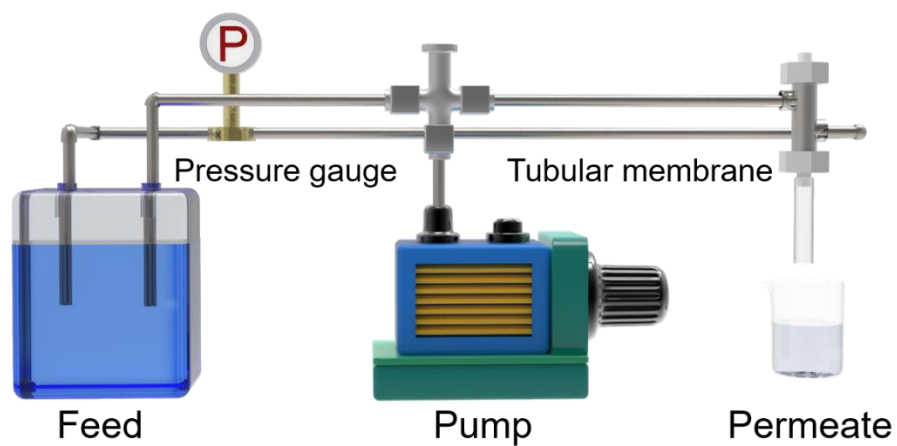


Figure S1. Schematic diagram of organic solvent nanofiltration experimental device.

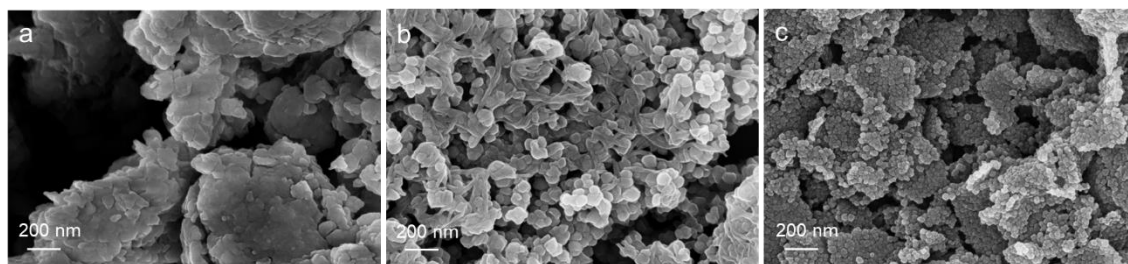


Figure S2. Molar ratio of metal ion (Zn^{2+}) to organic ligand (Hmim): a) 1:2, b) 1:4, c) 1:8.

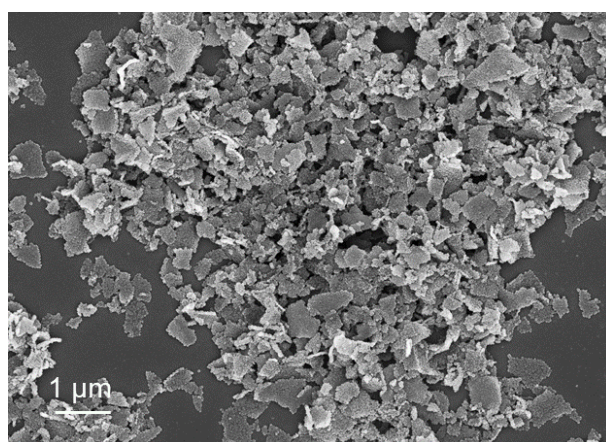


Figure S3. SEM images of ZnS@GO laminates.

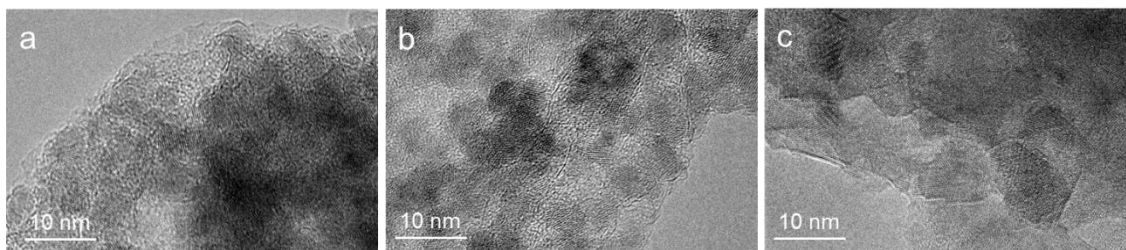


Figure S4. TEM images of ZnS@GO laminates at different sulfurizing times: a) 30 min, b) 45 min, c) 60 min.

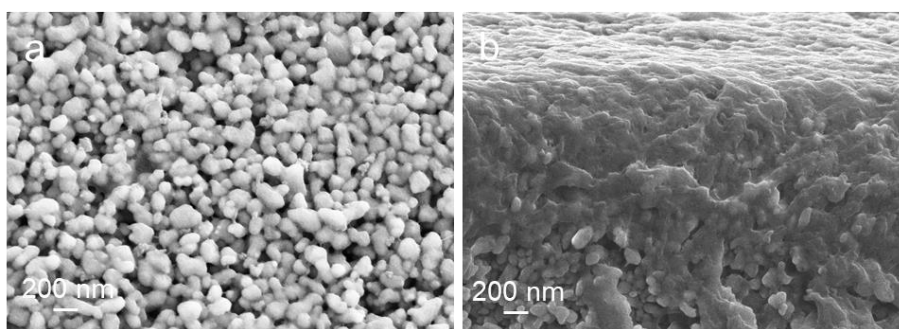


Figure S5. Surface and cross-sectional morphology of PEI composite membrane.

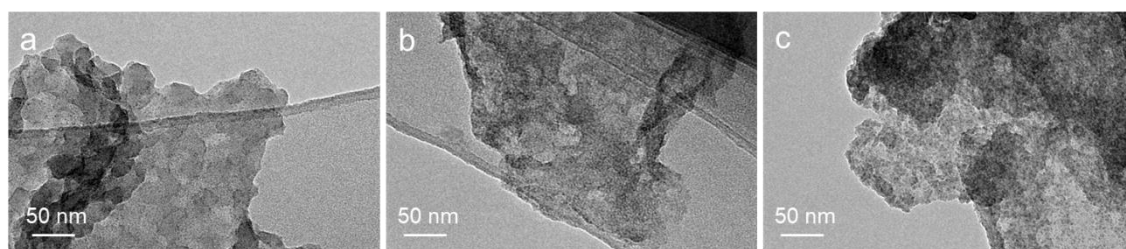


Figure S6. TEM images of ZnS@GO laminates at different TAA concentrations: a) 0.01 mol/L, b) 0.05 mol/L, c) 0.08 mol/L.