

Supporting Information

Evaporative Assembly of Ordered Microporous Films and their Hierarchical Structures from Amphiphilic Random Copolymers

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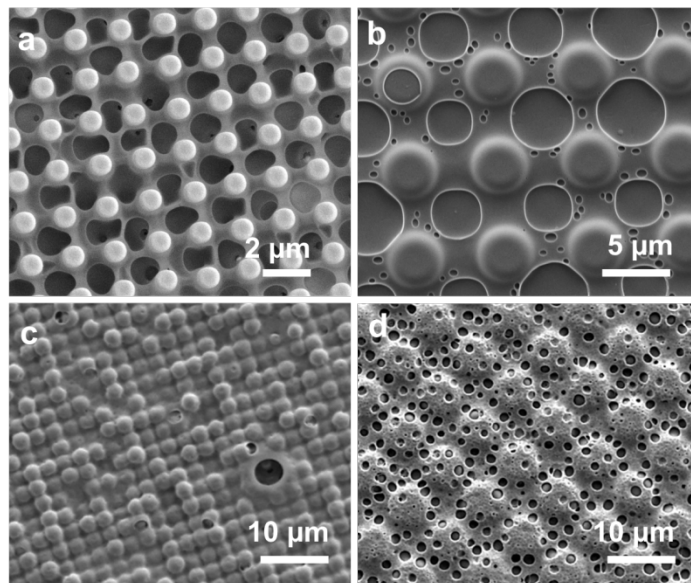


Figure S1. SEM images of porous structures of ranPAC formed on SU-8 micropillar arrays with hydroxyl groups activated at different locations. The polymer concentrations are 75 mg/mL (a and c of set I pillars) and 50 mg/mL (b and d of set II pillars), respectively, in a mixture of 1 mL acetone and 80 μ L toluene. (a-b) Hydroxyl groups were activated only on pillar tops by sitting water droplets for 5 min. (c-d) Hydroxyl groups were activated everywhere on pillars by complete immersing the pillars into water for 15 min.

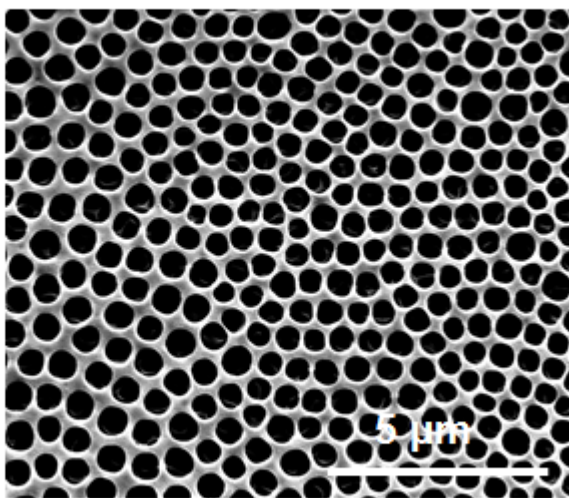


Figure S2. SEM image of a porous film of ranPAC formed on a flat SU-8 substrate. The polymer concentration is 150 mg/mL in a mixture of 1 mL acetone and 80 μ L toluene.