Supporting Information

Facile fabrication of raspberry-like composite microspheres for the construction of superhydrophobic films and applications in highly efficient oil–water separation

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**Movie S1.** Video of superhydrophobicity with < 4° SA of hydrophobization modified raspberry-like PS@SiO$_2$ composite microspheres.

**Movie S2.** Video of selective oil-water separation using coated copper mesh.

**Movie S3.** Video of superhydrophobicity of coated copper mesh after oil-water separation test.

**Movie S4.** Video of selective absorption of oil-water separation using coated PU sponge.
Fig. S1 SEM images of PS microspheres with: (a) PVP-10; (b) PVP-40; (c) PVP-58 and (d) PVP-130.
Fig. S2 Optical pictures of the superhydrophobic sponge immersed into water by an external force.