

**Facile Fabrication of Janus mesh for Water Fluid Unidirectional
Transportation**

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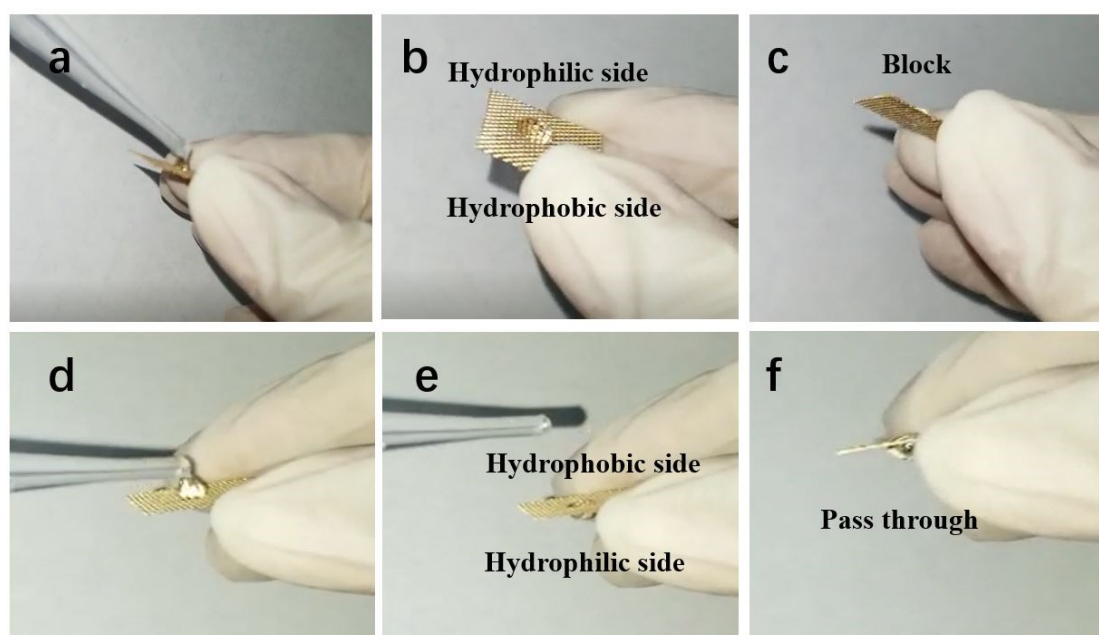


Figure S1 Digital photos of prepared Janus mesh and its unidirectional passing/blocking property for a water droplet in air.

Table S1. Water contact angles of the prepared mesh with different mesh numbers.

Mesh number	Hydrophilic mesh	Hydrophobic mesh
50	$<10^\circ$	$100\pm 0.5^\circ$
100	$<10^\circ$	$145\pm 0.2^\circ$
200	$<10^\circ$	$162\pm 0.4^\circ$
300	$30\pm 0.6^\circ$	$162\pm 0.4^\circ$

Video S1 Video of water fluid flow from hydrophilic side to hydrophobic side.

Video S2 Video of water fluid flow from hydrophobic side to hydrophilic side.