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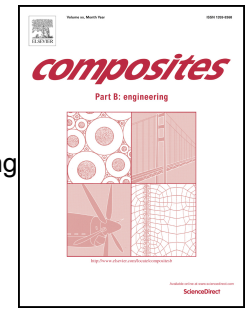

Fabrication of polydimethylsiloxane films with special surface wettability by 3D printing

Zhoukun He, Yanqiu Chen, Jian Yang, Changyu Tang, Juan Lv, Yu Liu, Jun Mei, Woon-ming Lau, David Hui

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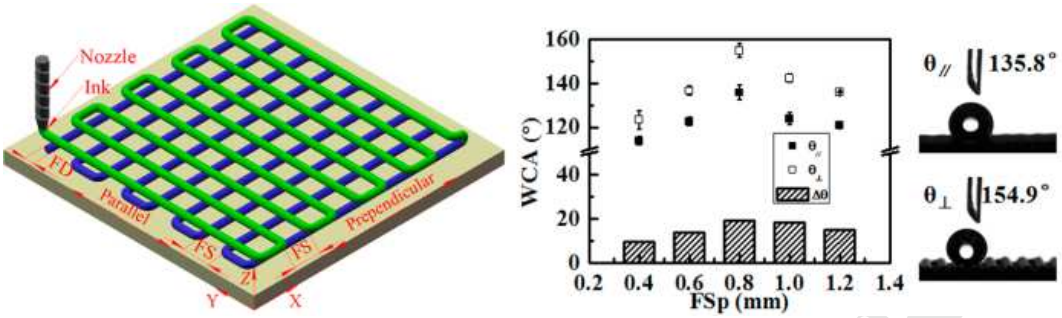
GRAPHICAL ABSTRACT



With the guide of computer program for 3D printing, the PDMS porous films can be printed with versatile special surface wettabilities such as anisotropic wettability and superhydrophobicity, and show attracting applications in air-breathable water-proofing, water-repellent floating carrier, and no-loss liquid transfer.