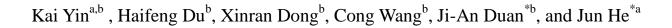
Supplementry information

A simple way to achieve bioinspired hybrid wettability surface with micro/nanopatterns for efficient fog collection



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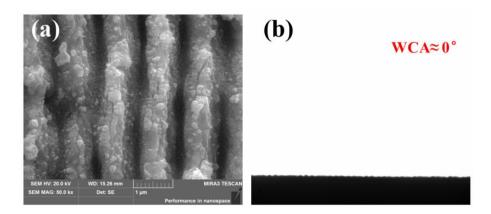


Fig. S1. (a) The SEM image of femtosecond laser direct fabricating the copper mesh without the PTFE sheet. (b) The wettability of a water droplet on the surfaces (a)

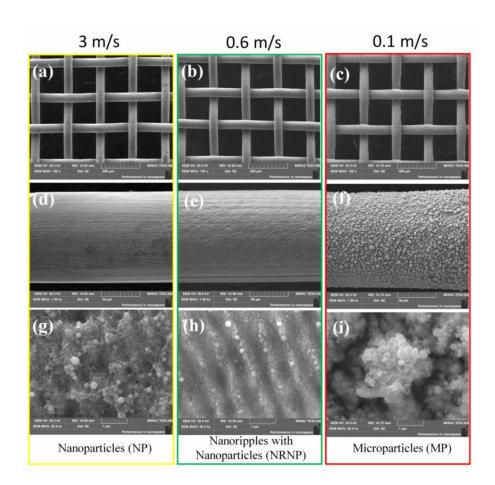


Fig. S2. SEM images of various femtosecond laser fabricated structures with different ablation parameters (scanning speed). The downsets are corresponding magnified SEM images. Laser power is fixed at 6W

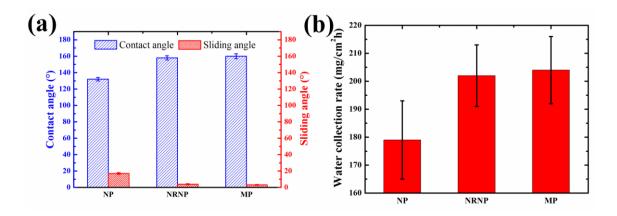


Fig. S3. (a) Contact angle and sliding angle of a water droplet on various femtosecond laser fabricated structures. (b) Water collection rates for the different femtosecond laser fabricated structures.

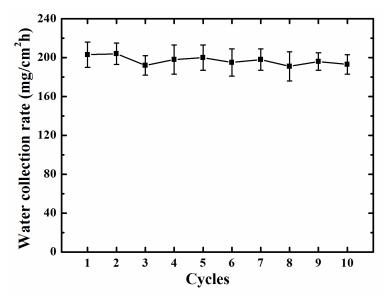


Fig. S4. Stability of the WCR on the as-prepared sample after 10 repeats of the fog-collecting process