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Supporting Information

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Droplets as Carriers for Flexible Electronic Devices

*Mingxing Zhou, Ziyue Wu, Yicong Zhao, Qing Yang, Wei Ling, Ya Li, Hang Xu, Cheng Wang, and Xian Huang**

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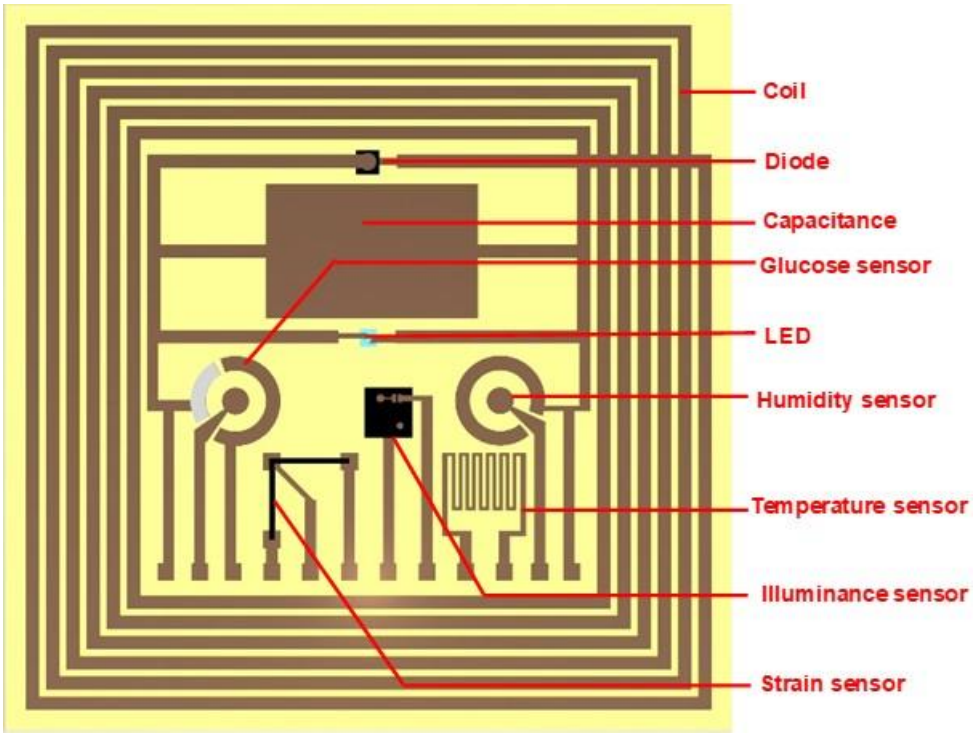

Figure S1. A diagram of the conceptual flexible device.

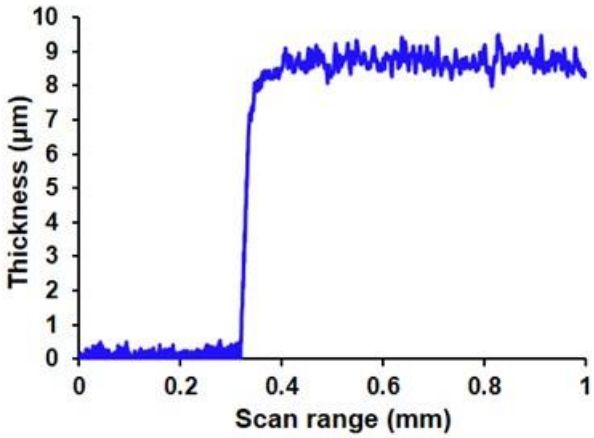

Figure S2. Thickness of a flexible electronics device.

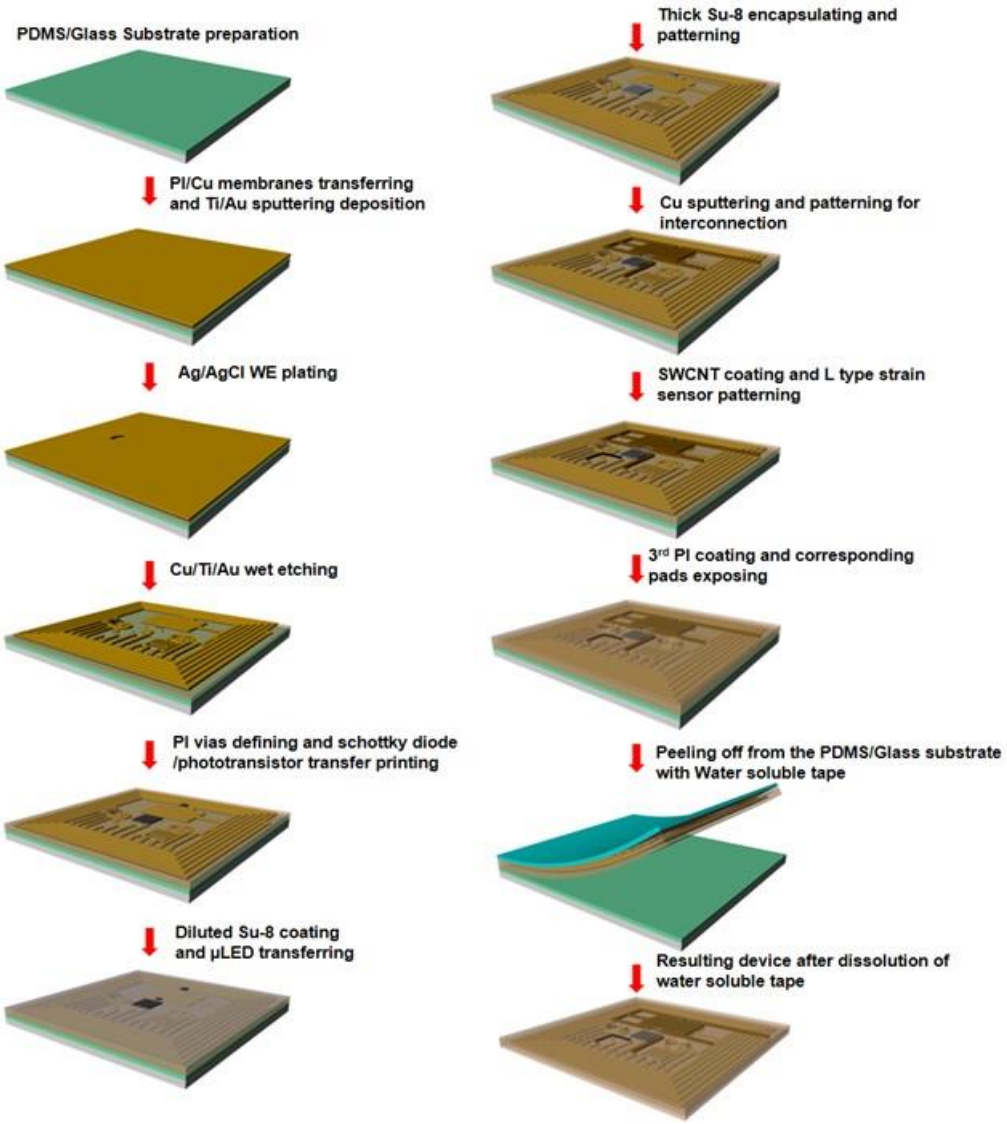

Figure S3. A fabrication process of the flexible device for active droplets.

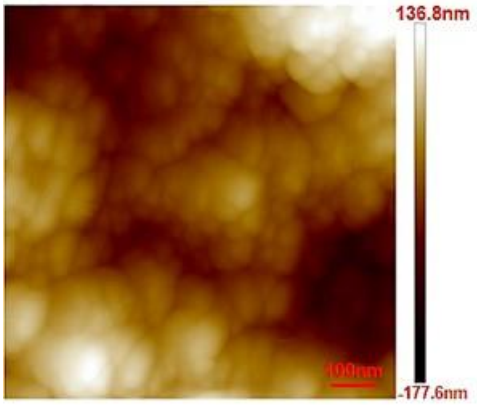

Figure S4. An atomic force microscopic image of nanostructures on the superydrophobic surface.

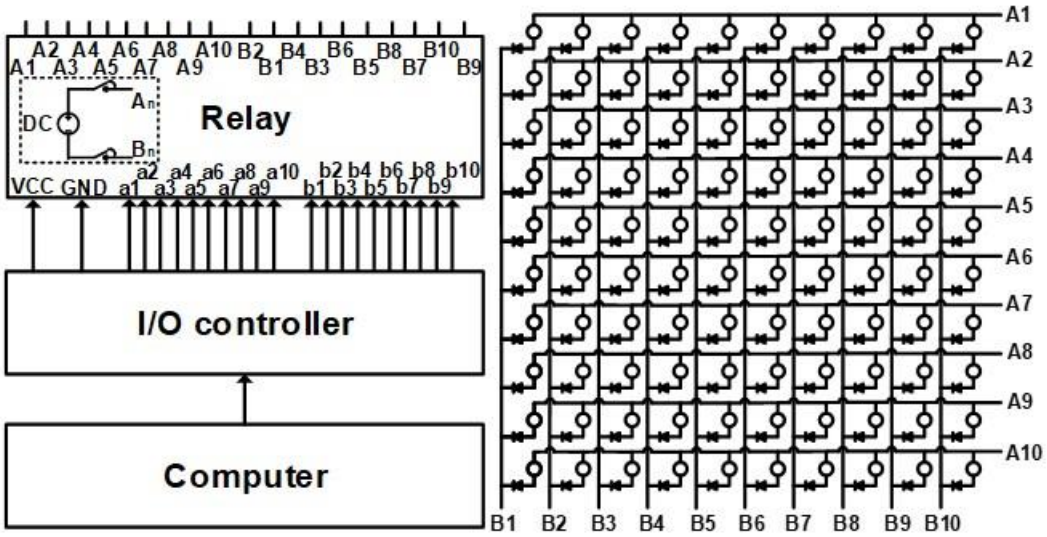

Figure S5. A schematic of the driving circuit for the electromagnetic platform.

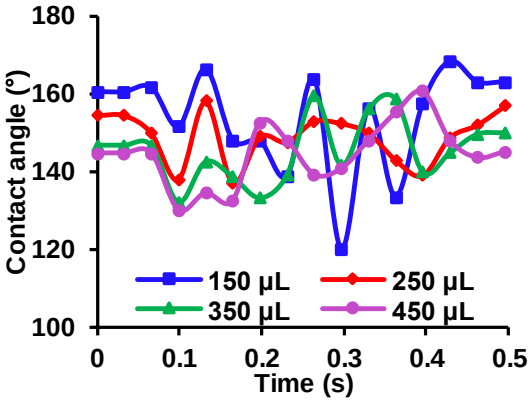

Figure S6. Advancing contact angles of four droplets with varied volumes during a motion process from one electromagnet to the neighboring electromagnet.

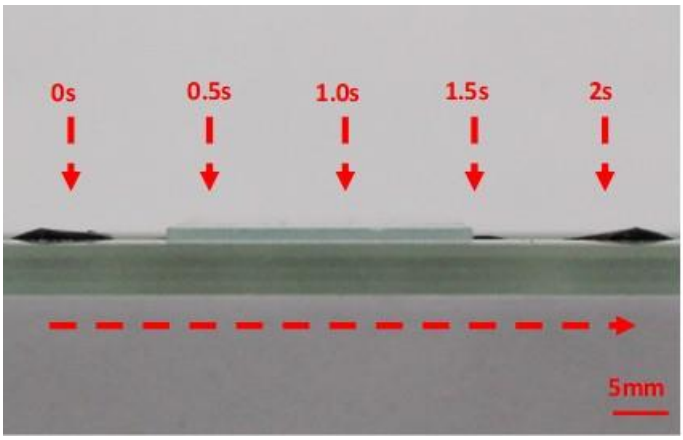

Figure S7. Demonstration of droplet motion. A droplet moves through a narrow horizontal channel and performs reversible shape change.

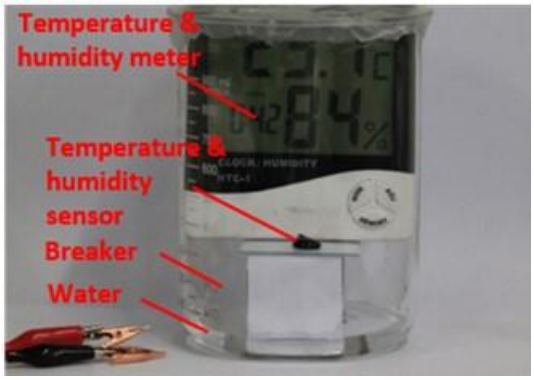

Figure S8. An experimental setup to monitor changes in humidity and temperature.