Supplementary Information

Electrowetting properties of micro/nanostructured black silicon

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Video 1S: EWOD on a superhydrophobic black Si surface.

Video 2S: Impact of a 10μl water droplet on a superhydrophobic black Si surface. The impact speed is 3.10 m/s and the droplet bounces off the surface numerous times.

Video 3S: Impact of a 10μl water droplet on a hydrophobic black Si surface. The impact speed is 3.10 m/s and droplet remains stuck on the surface.

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