

Electronic Supplementary Information

Accelerated Microrockets with Biomimetic Hydrophobic Surface

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1. Supporting Videos

SI Video 1. Motion of microrocket before being self-assembled with LSE 1-Dodecanethiol hydrophobic molecular layer in acid solution.

SI Video 2. Motion of microrocket after being self-assembled with LSE 1-Dodecanethiol hydrophobic molecular layer in acid solution.

2. Supporting Figures

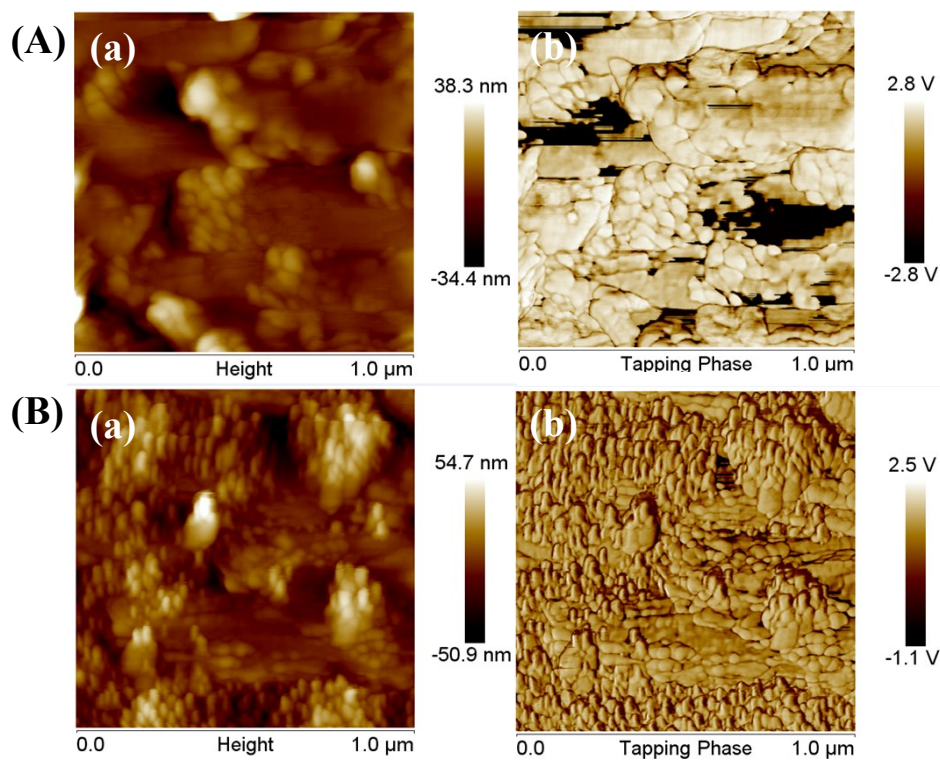


Figure S1. AFM images of the PANI layer before and after being self-assembled with LSE 1-Dodecanethiol layer: (A) without hydrophobic molecular layer and (B) with hydrophobic molecular layer. (a) AFM height images and (b) AFM phase images.

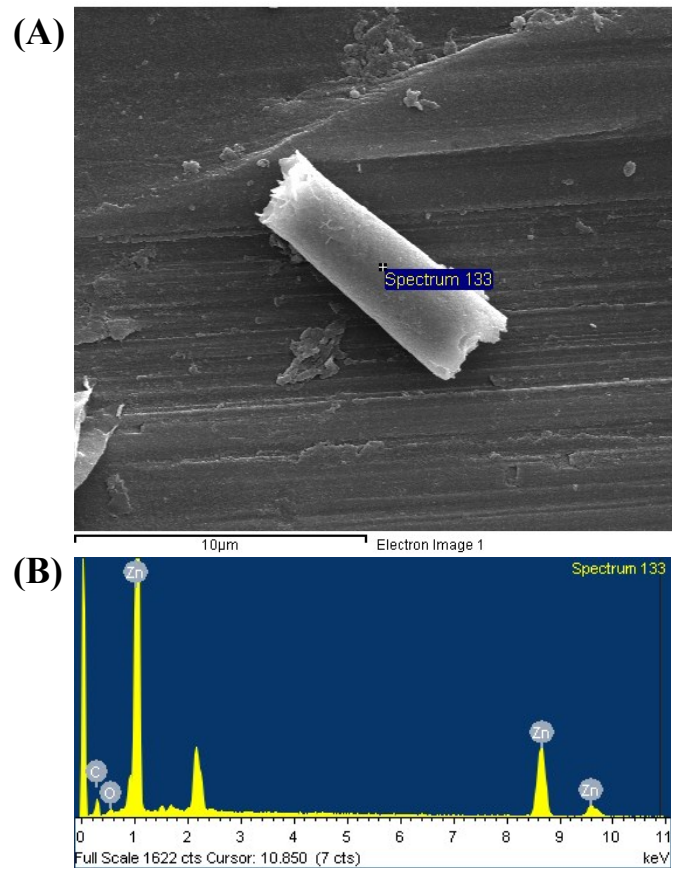


Figure S2. EDX spectra for each elements on the surface of microrocket.