

Supporting Information

Creating superhydrophobic surfaces with flowery structures on nickel substrates through wet-chemical-process

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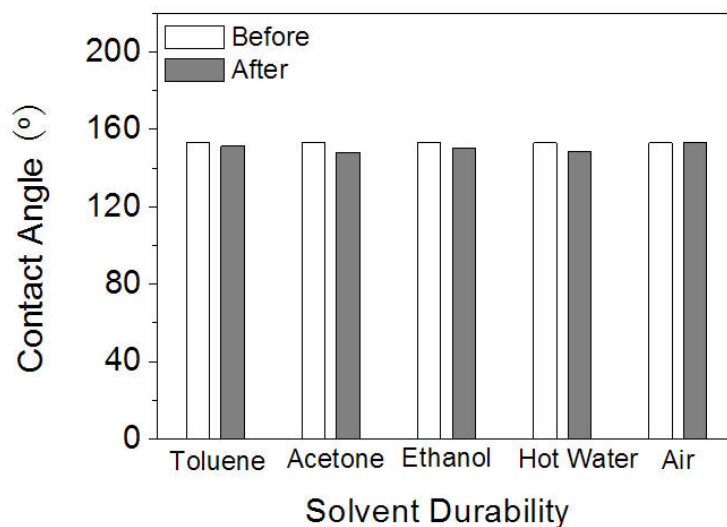


Fig. S1. Water contact angle of the as-prepared superhydrophobic nickel surfaces before and after immersed in organic solvents, hot water (60°C) or conserved in air for 4 days.

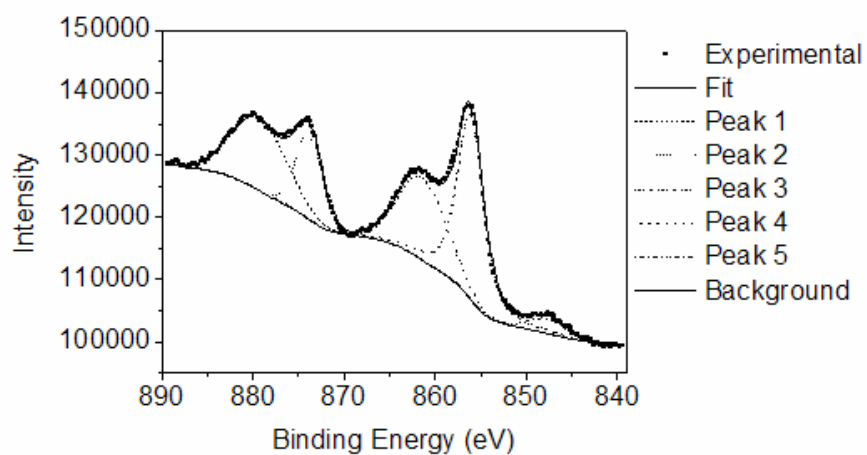


Fig.S2. XPS spectra for Ni on DPA-steeped surface

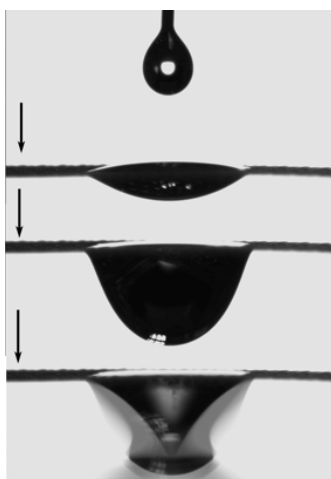


Fig.S3. Diesel oil can spread over the modified steel mesh and permeate through it freely when added onto the mesh dropwise.