

Supporting information for

A smart switchable bioinspired copper foam corresponding to different pH droplet for reversible oil-water separation

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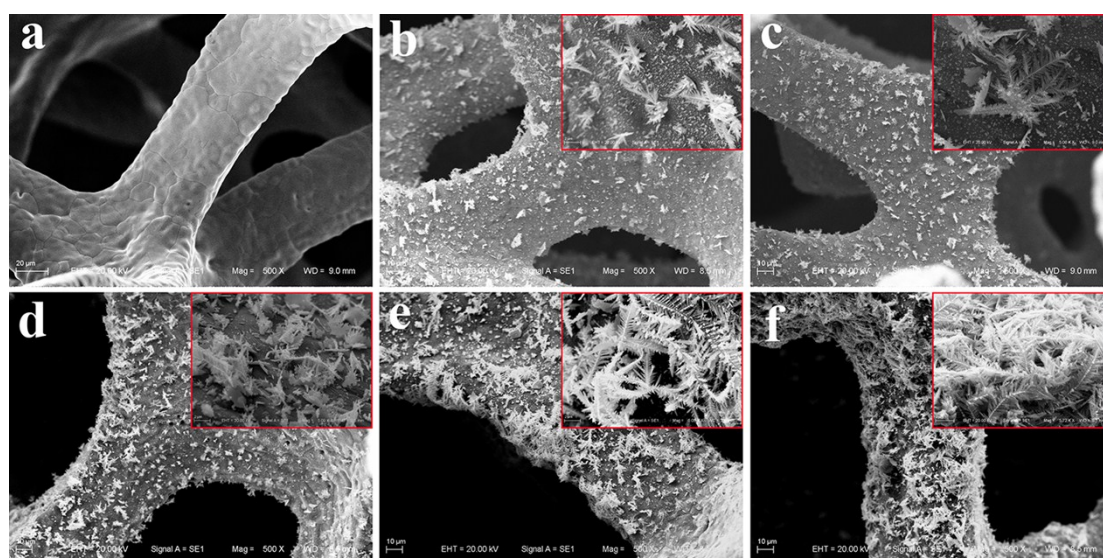


Figure S1 Surface morphology of (a) the untreated copper foam and (b-f) copper foam after immersion in the solution of AgNO₃ solution for 5, 10, 15, 20, 25 s.

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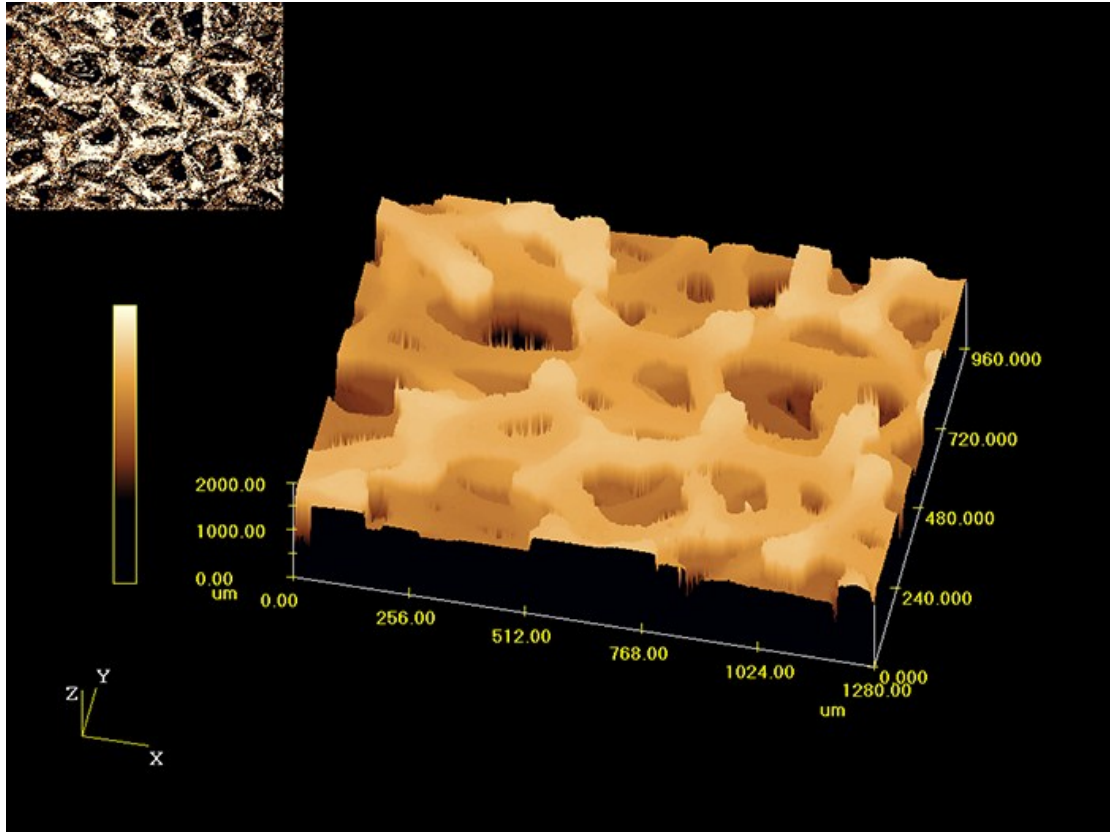


Figure S2 Confocal laser scanning microscope image of the as-prepared copper foam. (SRa=289.2 μ m)

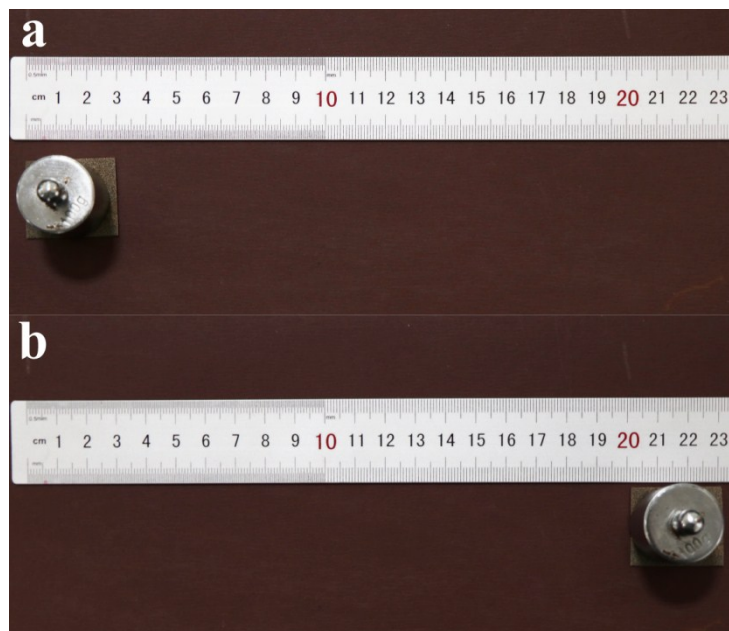


Figure S3 (a) and (b) Photographs showing the abrasion process.

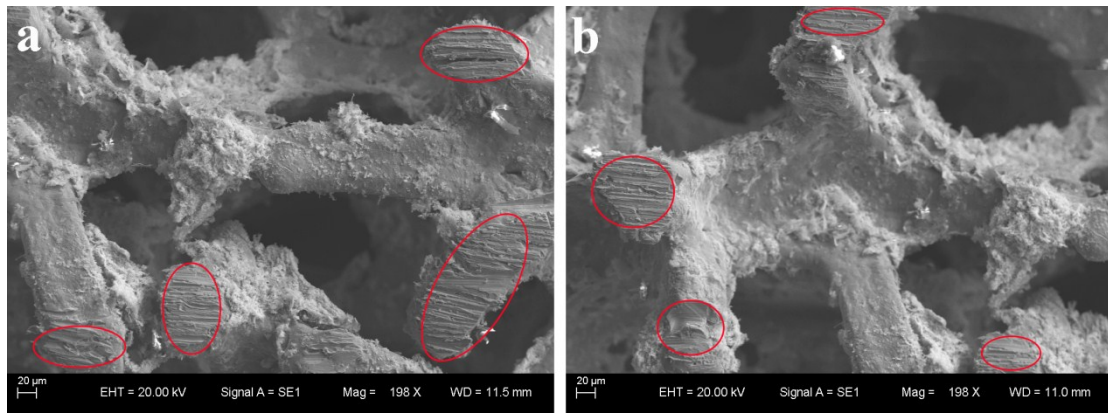


Figure S4 SEM images of as-prepared copper foam(a-b) after abrasion for 20 cycles.