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Supporting Information

for

Superwetting Ag@Cu_2O anchored copper mesh for efficient oil/water separation and visible-light driven removal of organic pollutants

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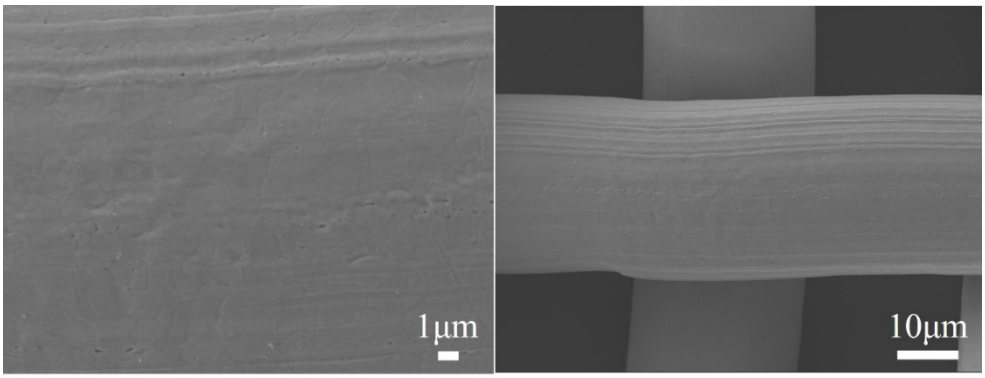

Fig. S1. SEM of commercial raw copper mesh.

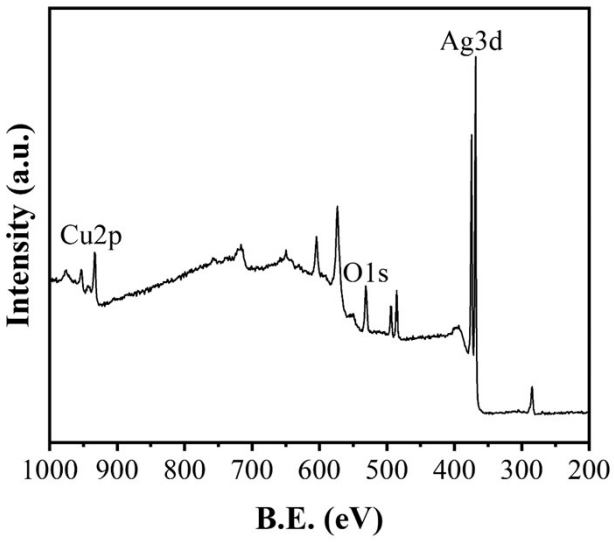

Fig. S2. XPS spectra of Ag@Cu_2O mesh

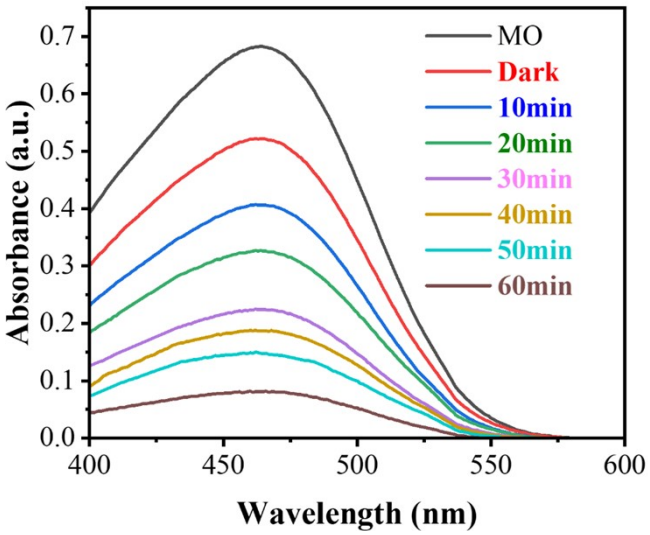

Fig. S3. UV-VIS absorption spectrum of methyl orange solution.

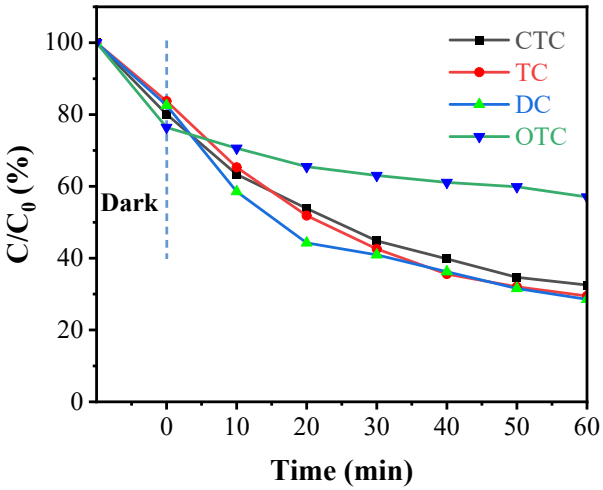

Fig. S4. Catalytic degradation efficiency ofCu_2O mesh for four tetracycline antibiotics.

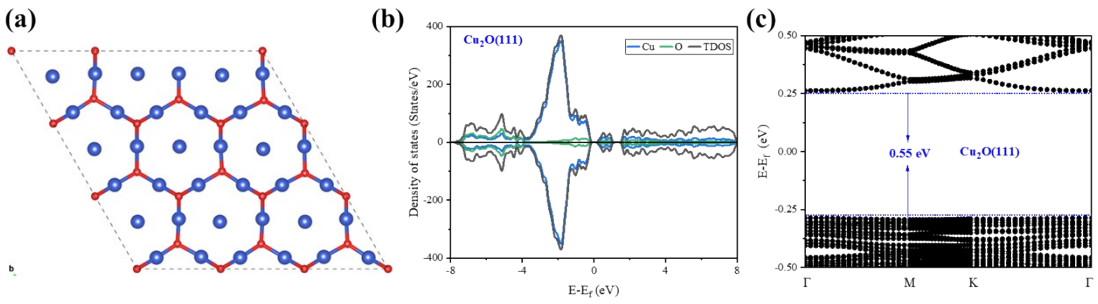

Fig. S5. Properties of Cu_2O(111): (a) geometry structure, (b) partial and total density of states distribution, and (c) band structure.