

Detection of Ascorbic Acid by Two-Dimensional Conductive Metal–Organic Framework-Based Electrochemical Sensors

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Table S1. Parallel experiments of Cu₃(HHTP)₂/SPE sensors.

Current of oxidation peak (μA)		Current of oxidation peak (μA)	
1	9.44	7	11.57
2	10.80	8	10.32
3	10.99	9	11.65
4	11.10	10	10.50
5	10.78	11	10.28
6	10.70	12	10.58

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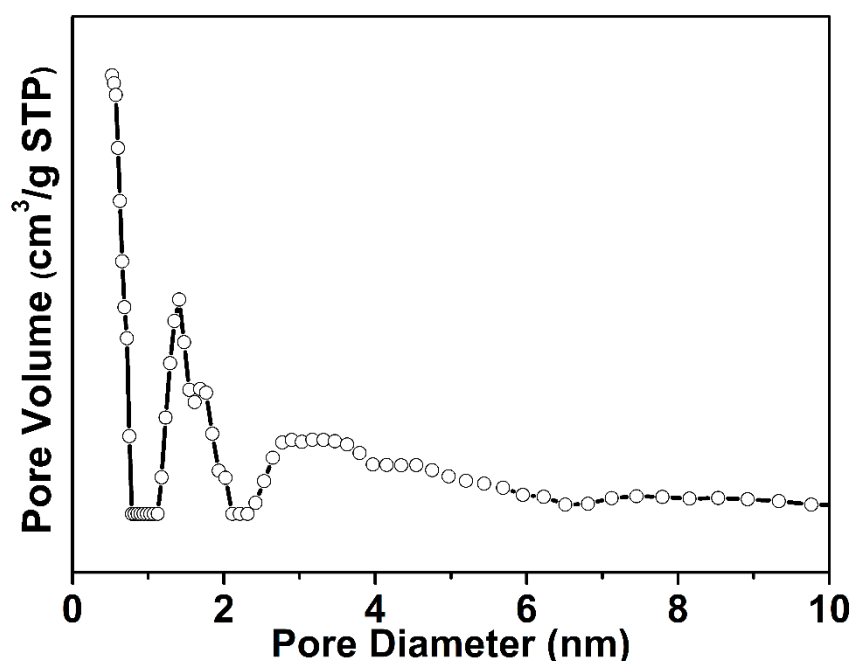


Figure S1. Pore size distributions of Cu₃(HHTP)₂.

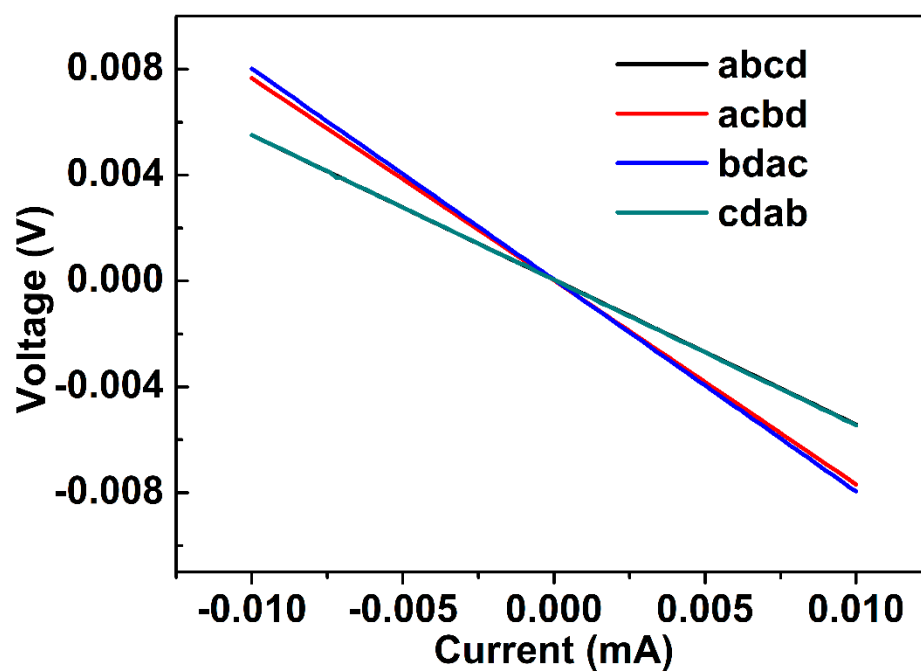


Figure S2. Four-point probe I-V curves of $\text{Cu}_3(\text{HHTP})_2$.

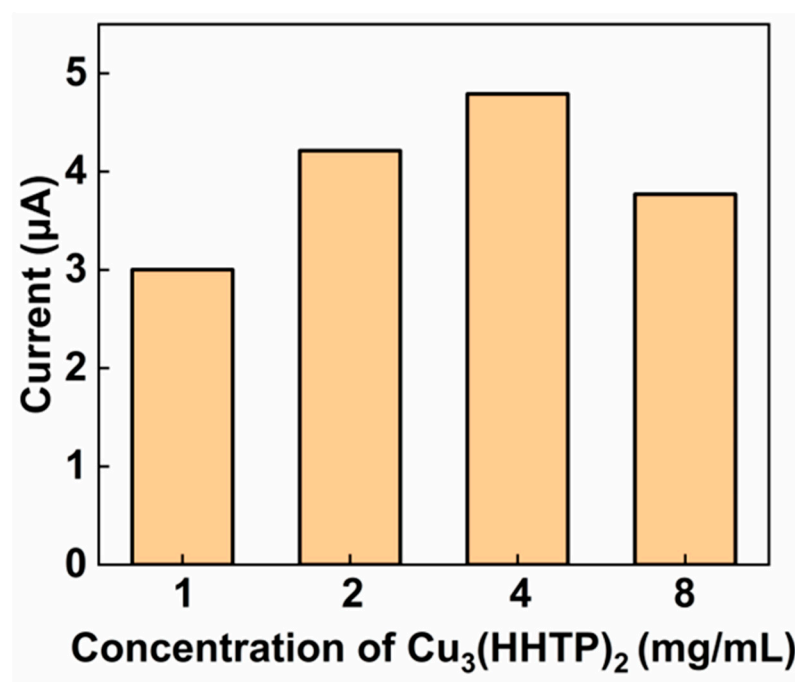


Figure S3. Effects of $\text{Cu}_3(\text{HHTP})_2$ concentration on the electrocatalytic performance of $\text{Cu}_3(\text{HHTP})_2/\text{SPE}$ sensor.

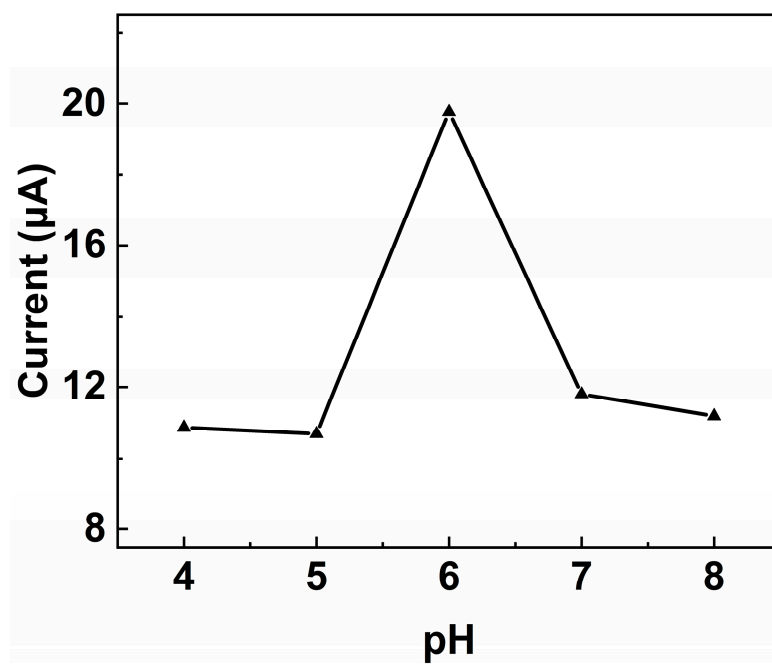


Figure S4. Effects of pH on the electrocatalytic performance of $\text{Cu}_3(\text{HHTP})_2/\text{SPE}$ sensor.

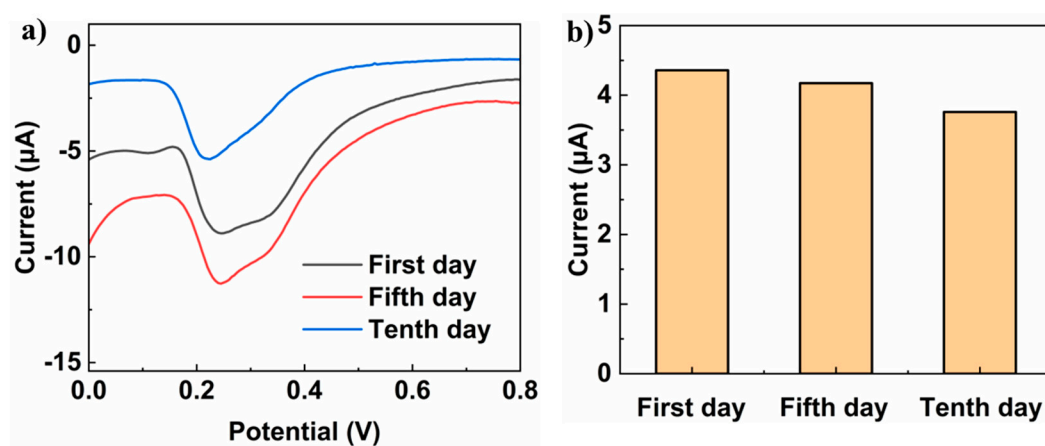


Figure S5. a) The CV curves of $\text{Cu}_3(\text{HHTP})_2/\text{SPE}$ in AA at different times; b) Bar chart of AA response current of $\text{Cu}_3(\text{HHTP})_2/\text{SPE}$ at different times.