

Calcination-Induced Enhancement of Cd²⁺ and Pb²⁺ Electrochemical Detection Capabilities of Nano-Ag Supported CoZn bi-metal ZIFs

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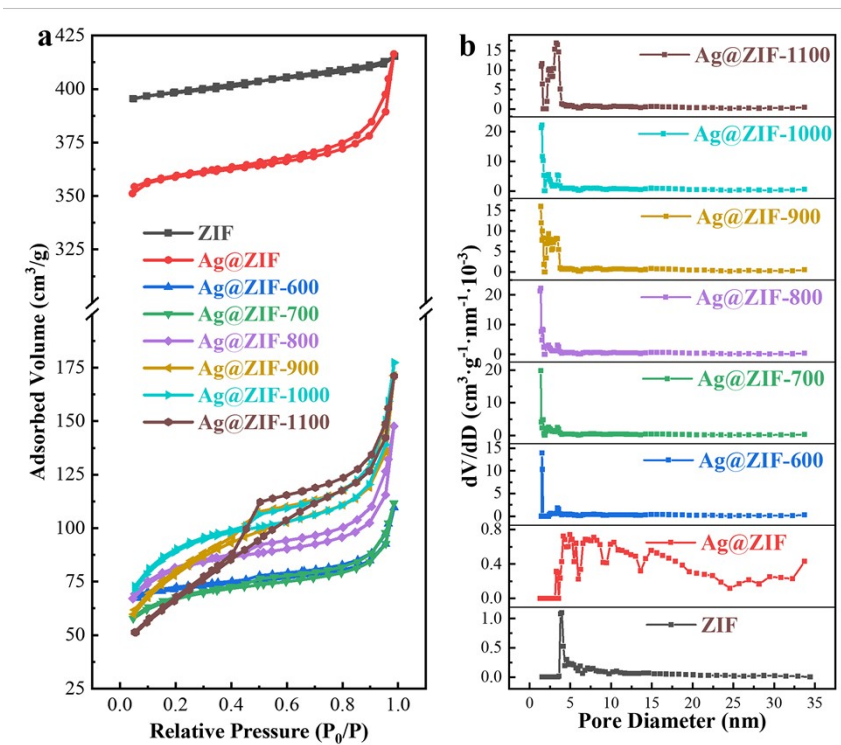


Fig. S1 N_2 adsorption/desorption isotherms (a) and pore size distribution curves (b) of ZIF, Ag@ZIF, and Ag@ZIF-T (T = 600, 700, 800, 900, 1000, and 1100).

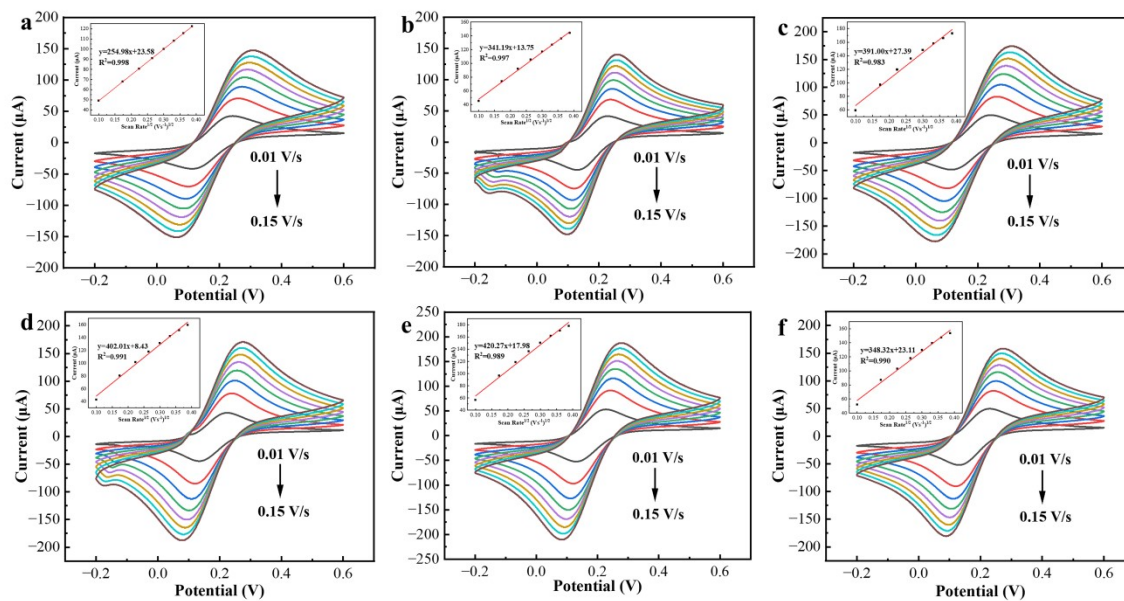


Fig. S2 CV curves related to the scan rate of different electrodes in 0.1 M KCl solution containing 5mM $\text{Fe}(\text{CN})_6^{3-/4-}$: Ag@ZIF-600 (a), Ag@ZIF-700 (b), Ag@ZIF-800 (c), Ag@ZIF-900 (d), Ag@ZIF-1000 (e), Ag@ZIF-1100 (f).

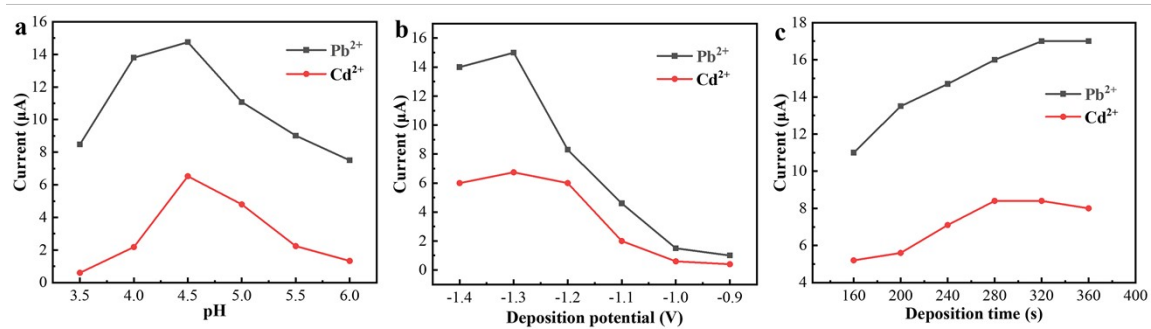


Fig. S3 Effects of experimental parameters of buffer solution pH (a), deposition potential (b), and deposition time (c) on the response current for 2 μM Cd^{2+} and Pb^{2+} in 0.1 M HAC-NaAc solution.