

Supplemental Information

Self-powered sensor for Hg²⁺ detection based on Hollow- Channel Paper Analytical Devices

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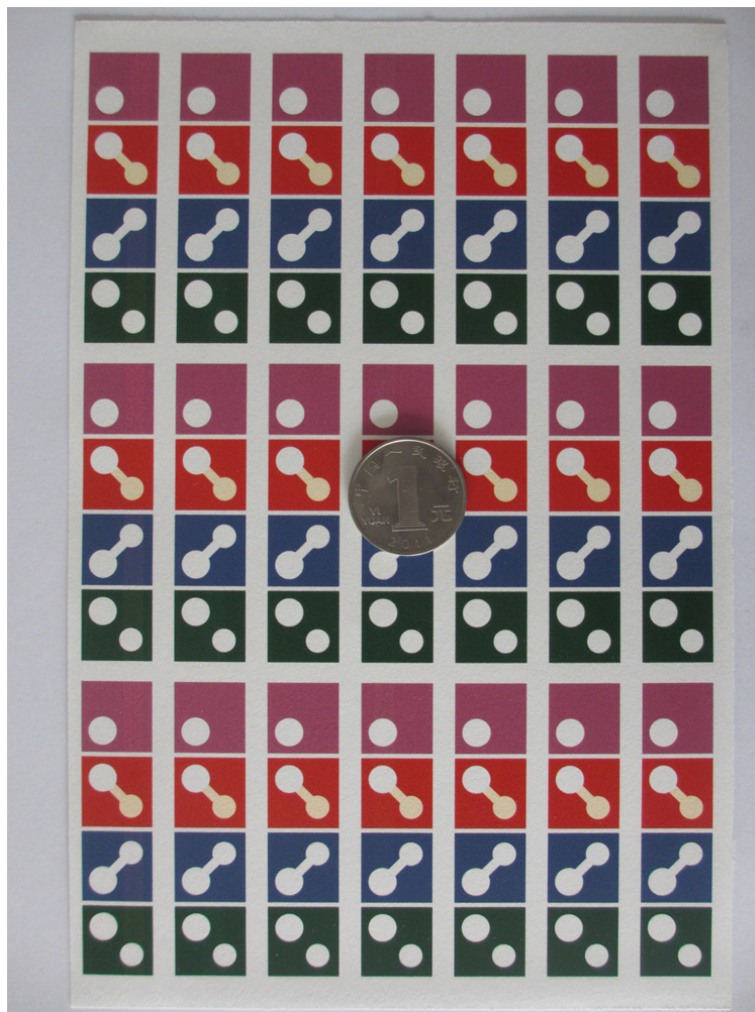


Figure S1. Wax-printed 3D- μ -OBFCAD on a paper sheet (A5) before baking.

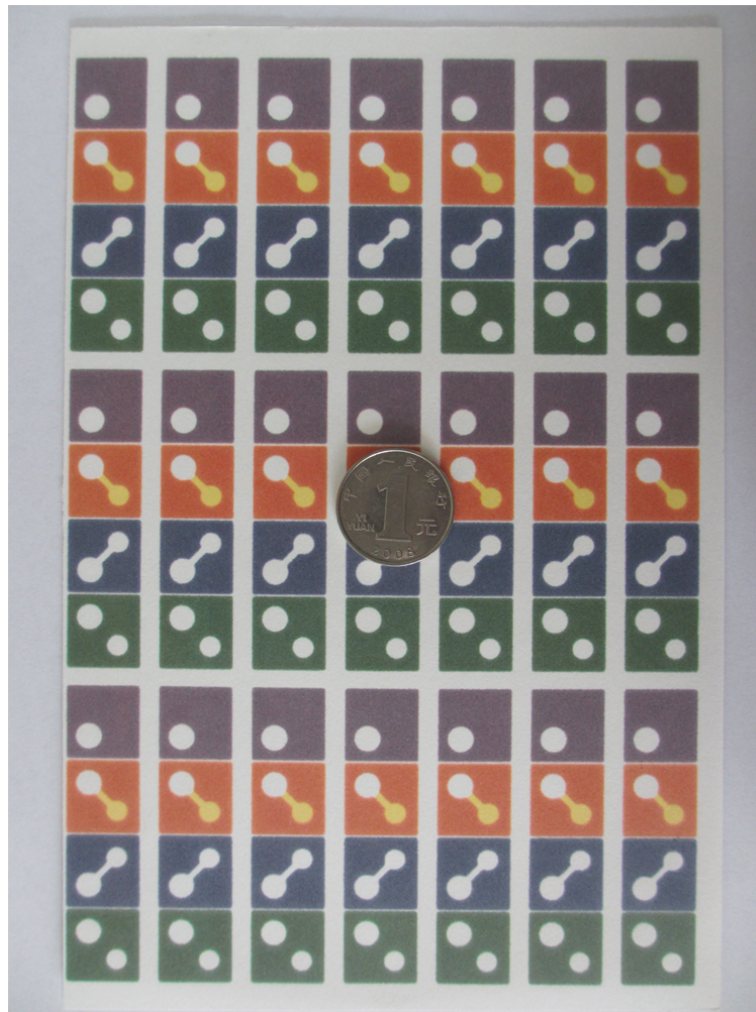


Figure S2. Right side of wax-printed 3D-μ-OBFCADs on a paper sheet (A5) after baking.

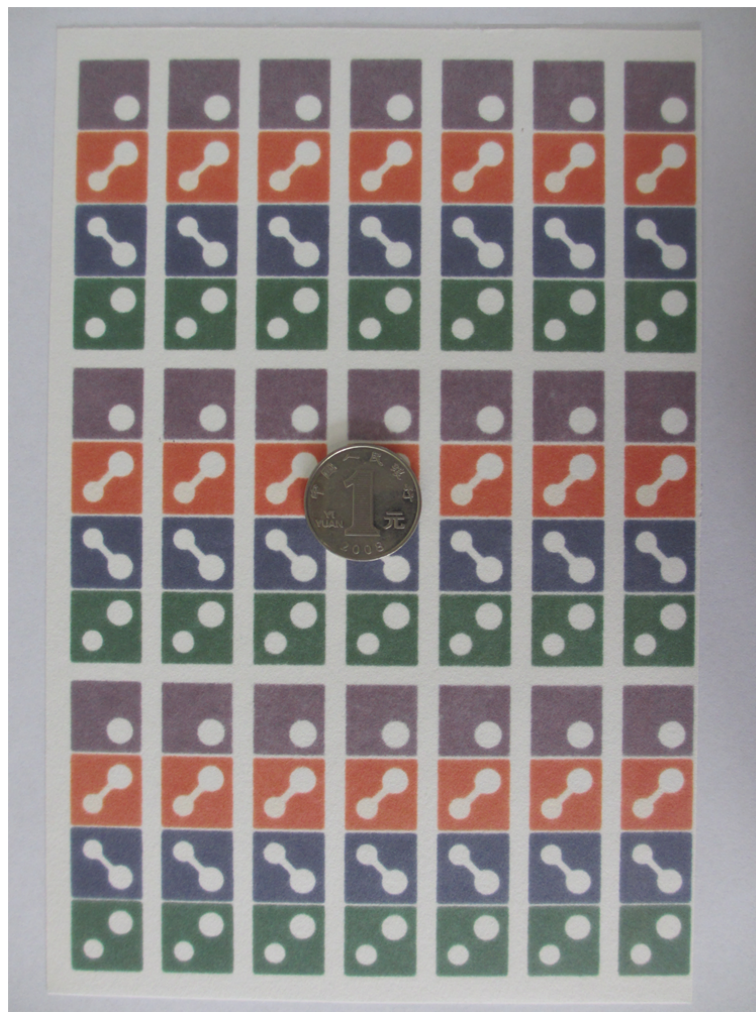


Figure S3. Reverse side of wax-printed 3D-μ-OBFCADs on a paper sheet (A5) after baking.

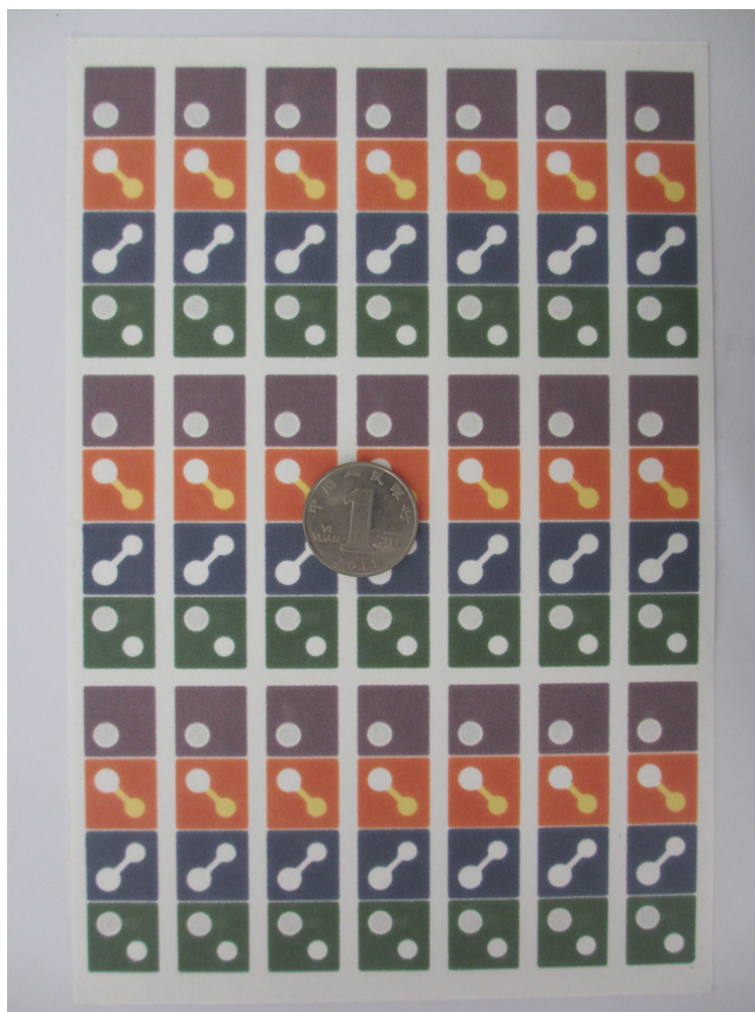


Figure S4. Right side of the 3D- μ -OBFCAD on a paper sheet (A5) after screen-printing of carbon electrodes on the reverse side of paper.

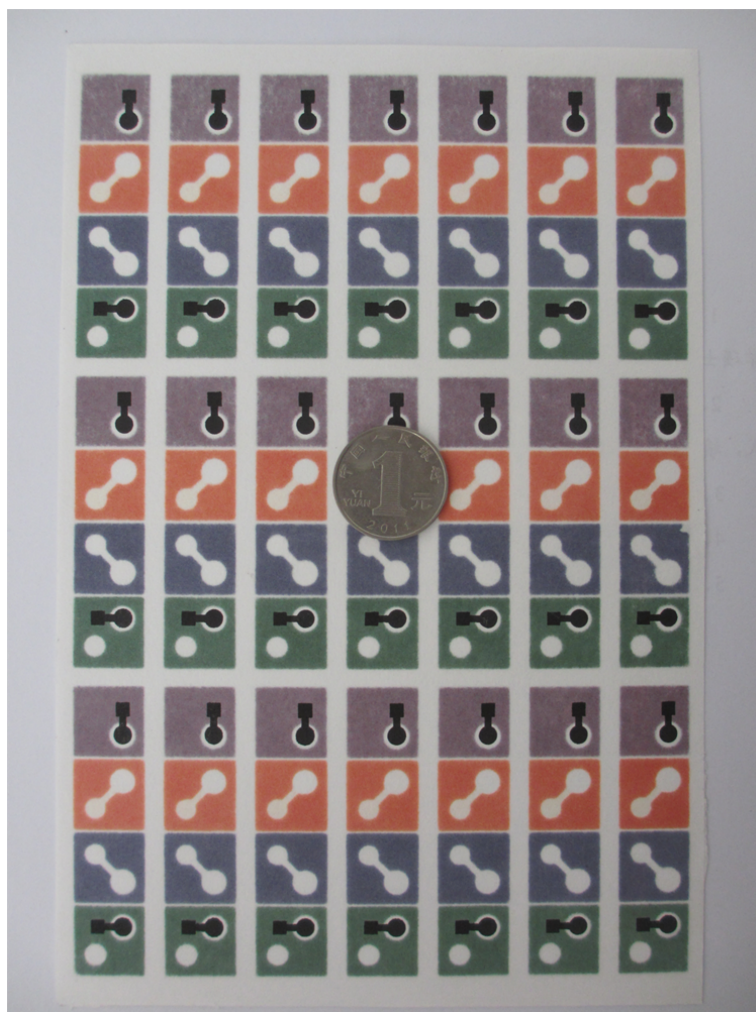


Figure S5. Reverse side of the 3D- μ -OBFCAD on a paper sheet (A5) after screen-printing of carbon electrodes on the reverse side of paper.