Supporting Information for

# Wearable Battery-Free Perspiration Analyzing Sites Based on Sweat Flowing on ZnO Nanoarrays

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**Supplementary Movie S1** Practical applications to control the flow direction of the solution

**Supplementary Movie S2** A commercial piezoelectric device is used to power the wireless transmitter, and the perspiration analyzing sites can be used as a switch of the system

## Supplementary Figure

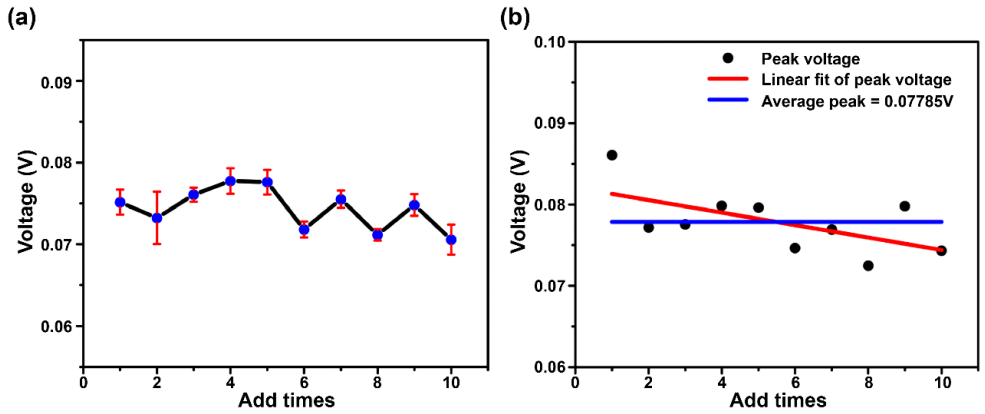


**Fig. S1 a** Distribution of average voltage in 100 seconds near the peak value. **b** Linear fit of peak voltage during constant experiments