

## **Direct writing of ZnO pencil on paper based flexible UV photodetector and disposable Photoresponsive Uric Acid sensor**

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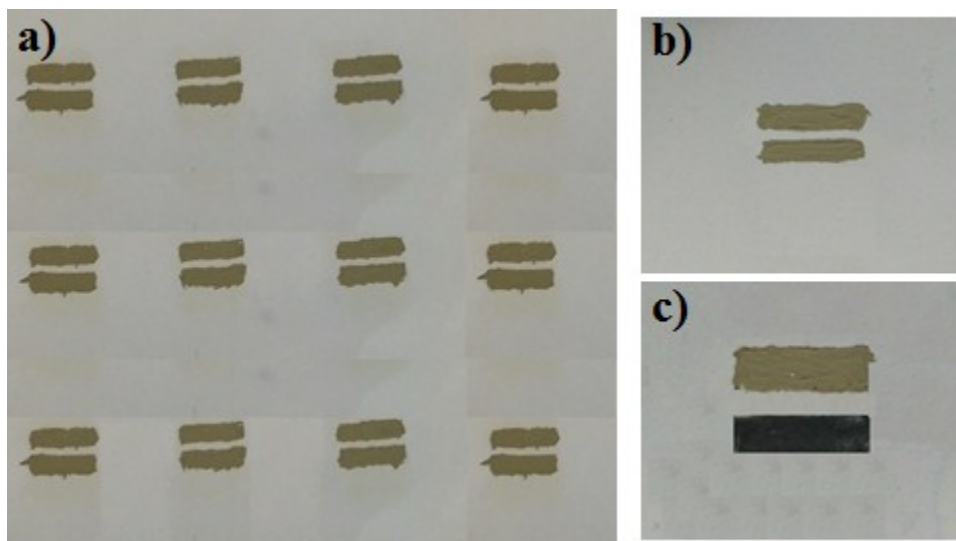


Figure S1: a) Real photograph of the array of the devices fabricated on cellulose paper b) Single device with silver past contacts c) Single device with Graphene contact

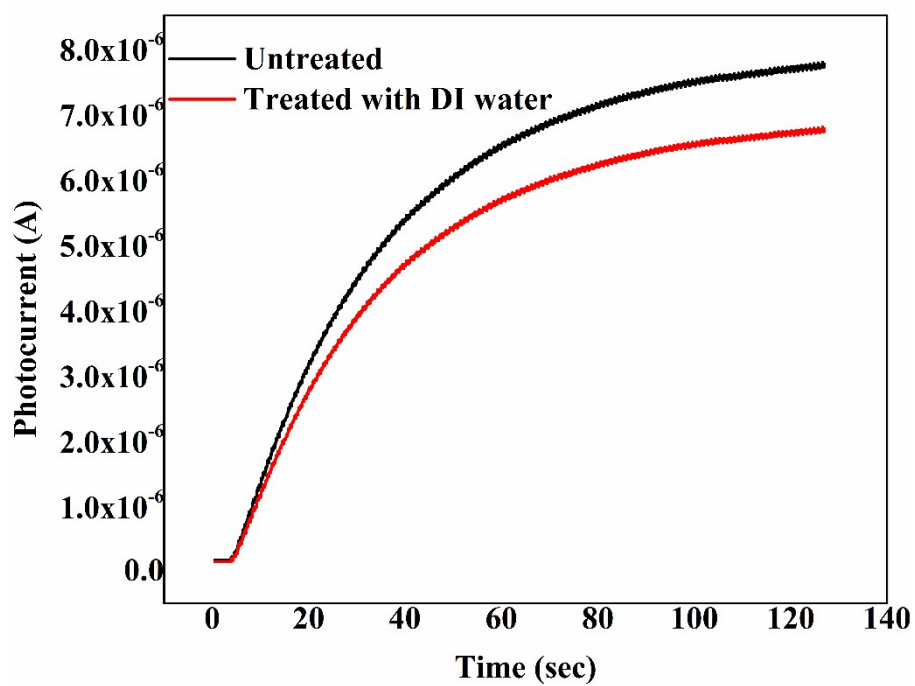


Figure S2: Photoresponse of ZnO traces with untreated and DI water treated wherein a small decrement in photocurrent is observed after treating with DI water.