

### SUPPORTING INFORMATION

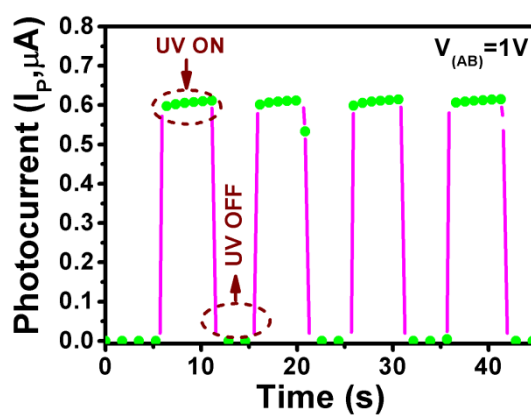


Figure S1. Time response of the nanoPCDs under UV light illumination ( $1 \mu\text{Wcm}^{-2}$ ) under a bias of 1 V.