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## **Electronic supplementary information**

## Broadband Photoresponse in Plasmon-enhanced Ga-doped ZnO

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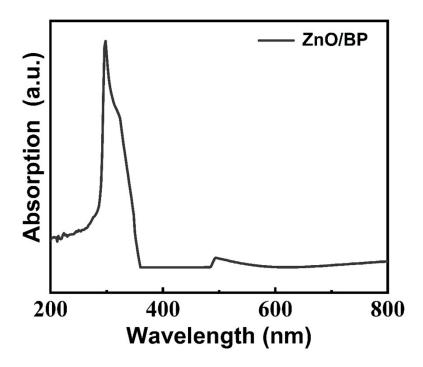


Figure S1. The absorption spectrum of ZnO/BP heterojunction.

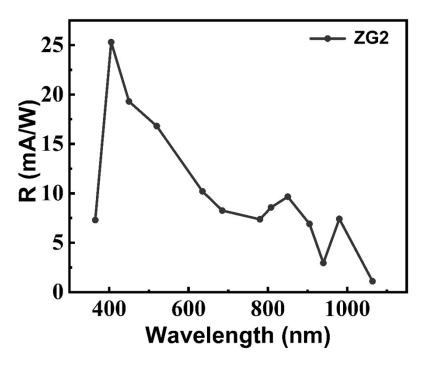


Figure S2. The wavelength-dependent responsivities of the ZG2 device

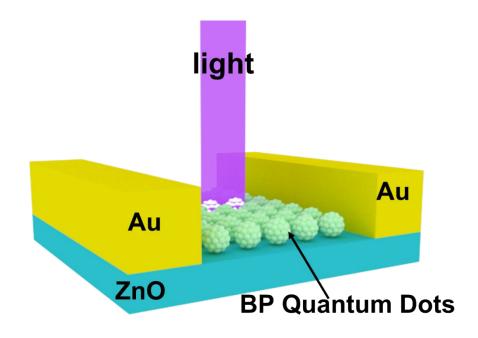


Figure S3. The schematic diagram of BZG heterojunction device.