

Supporting information

High-Performance Flexible Self-Powered solar-blind photodetector based on α -Ga₂O₃/CuSCN Heterojunction

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Supplementary Figures

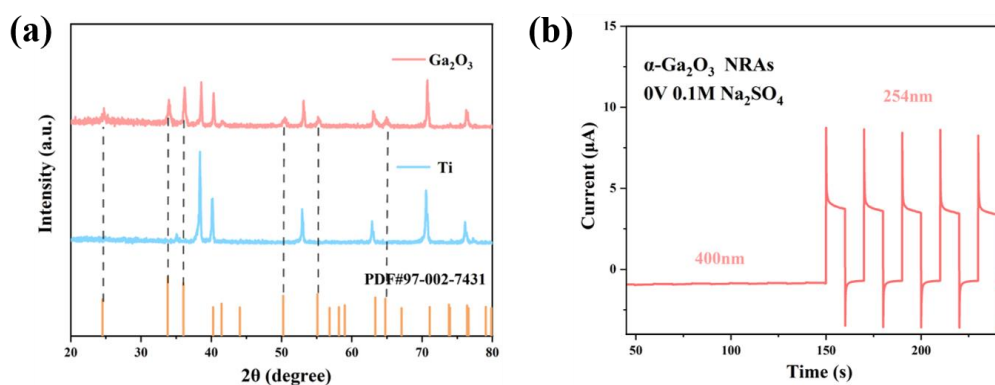


Fig. S1. (a) XRD of Ga₂O₃ and Ti; (b) I-t response curves of Ga₂O₃ under 400 nm and 254 nm illumination

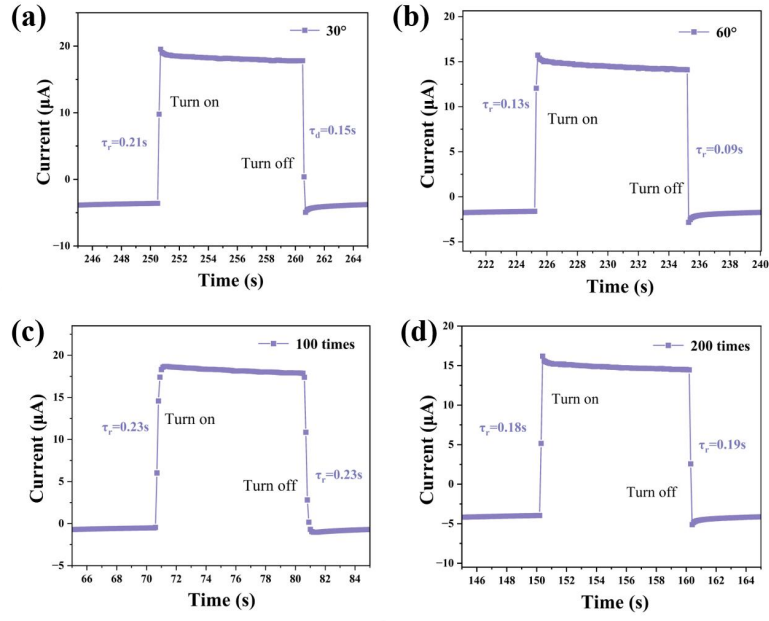


Fig. S2. Response Time of GC760 Samples Under Different Bending Condition

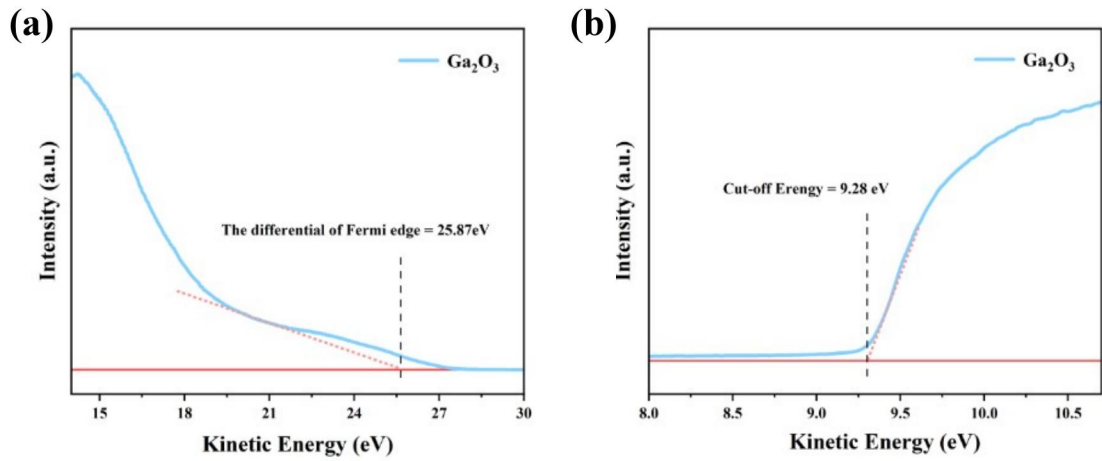


Fig. S3. UPS for Ga_2O_3

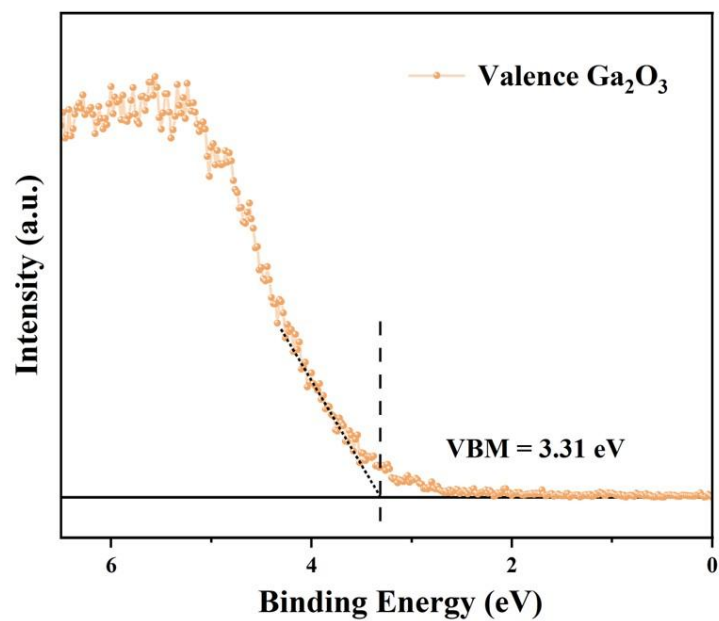


Fig. S4. Valence Band Spectrum of Ga_2O_3

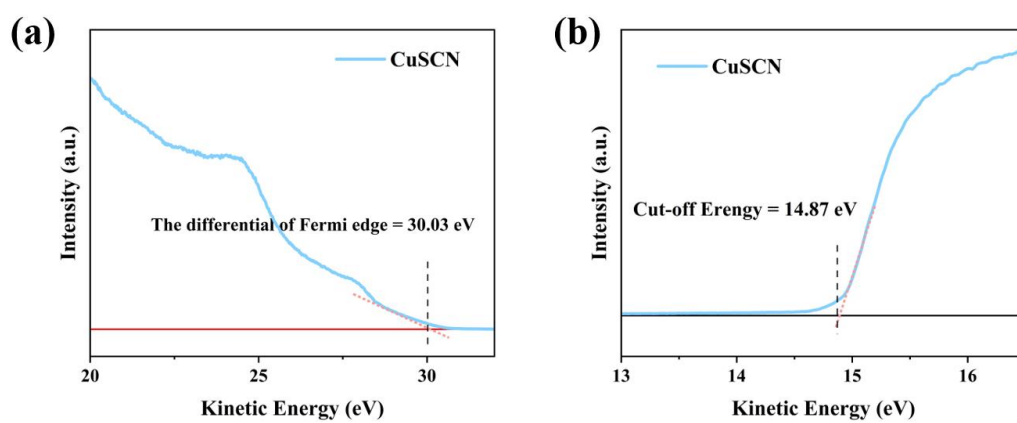


Fig. S5. UPS for CuSCN

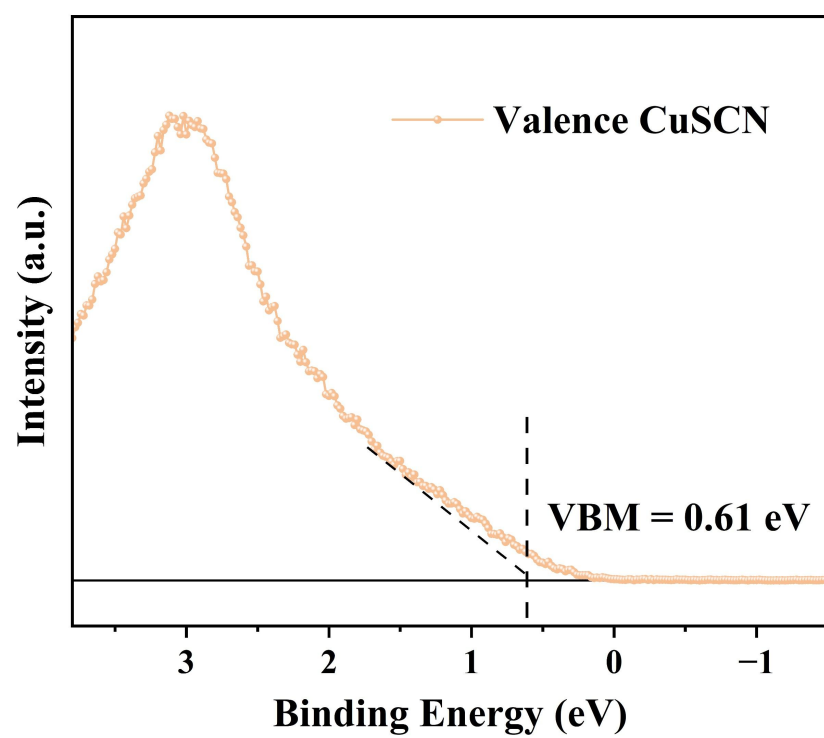


Fig. S6. Valence Band Spectrum of CuSCN