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Solution-processed near-infrared phototransistor based on ultrathin nanocrystals of octamethyl substituted zinc(II) phthalocyanine

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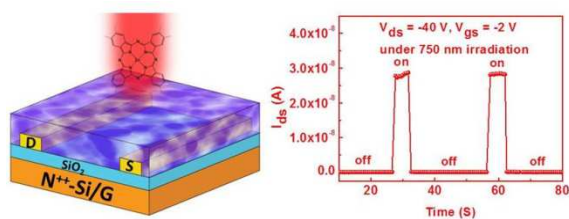
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a drop-casted NIR sensitive OPT based on ultrathin ZnMe₂Pc nanocrystals is presented and showed a photoresponsivity of 13.3 mA W⁻¹, a ratio of photocurrent to dark current of 205.



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