

One-pot synthesis of reduced graphene oxide-Cu₂S quantum dot hybrids for optoelectronic devices

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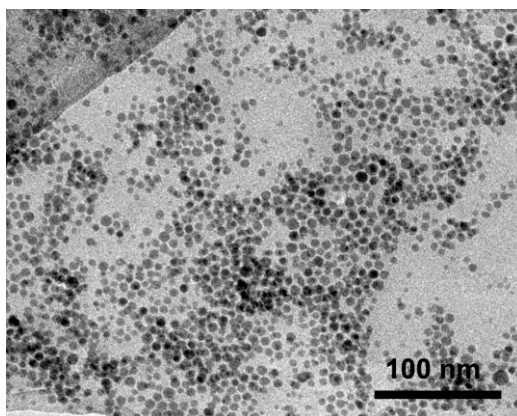


Fig.S1 A typical SEM image of pure Cu₂S QDs

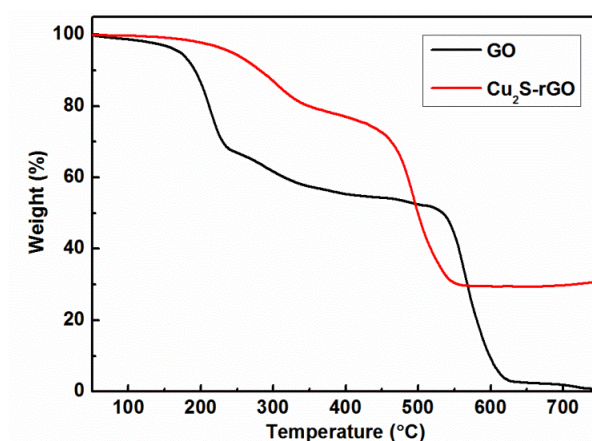


Fig.S2 Typical TGA curves of the GO and the rGO/Cu₂S QD hybrids

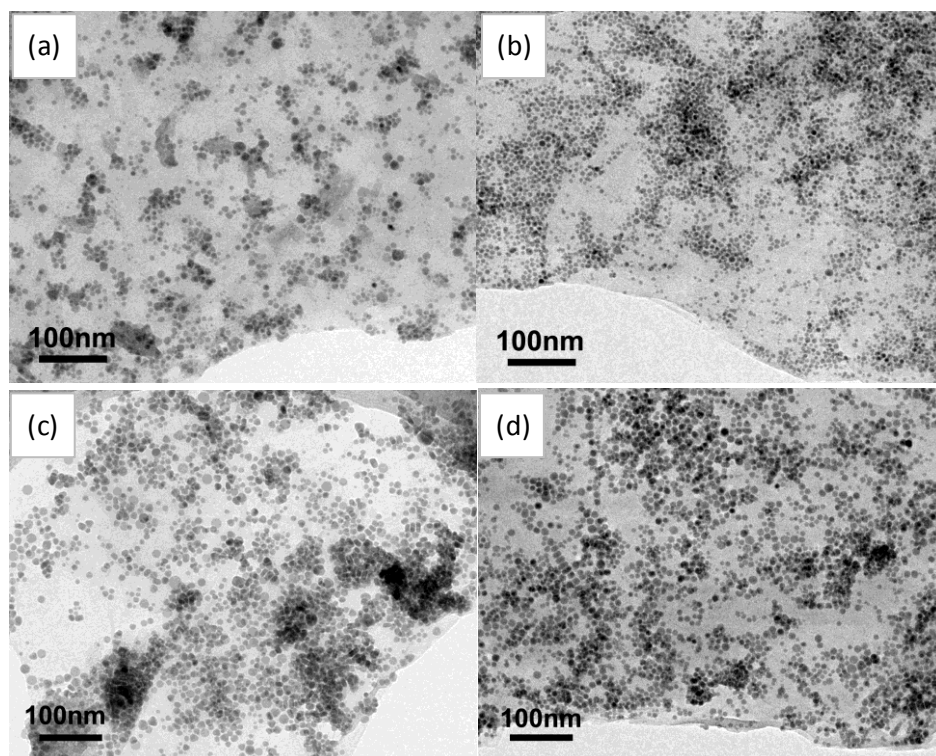


Fig.S3 SEM images of (a) rGO/0.3Cu₂S QD hybrids, (b) rGO/0.4Cu₂S QD hybrids, (c) rGO/0.6Cu₂S QD hybrids, and (d) rGO/0.7Cu₂S QD hybrids.

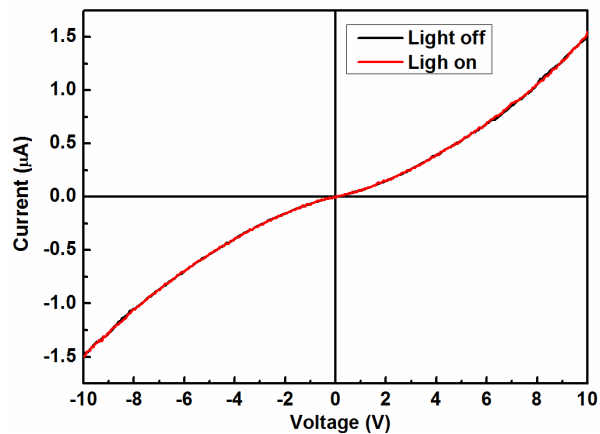


Fig. S4 Typical I-V curves of Pure Cu₂S-based devices without (black) and with (red) blue light irradiation