

Supporting Information:

**Polypyrrole-Modified CuS Nanoprisms for Efficient Near-Infrared
Photothermal Therapy**

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Fig. S1 TEM images of CuS nanomaterials synthesized through seed-mediated process. (a) CuS seeds, (b) first growth, (c) third growth.

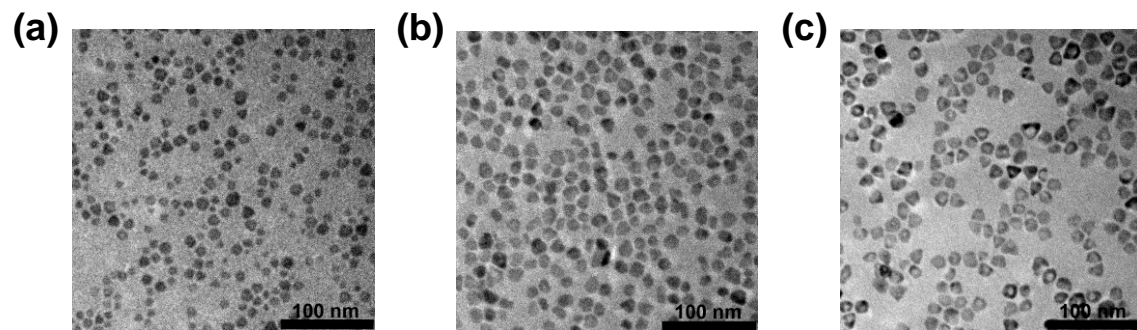


Fig. S2 XRD pattern of CuS-PPy nanoprisms.

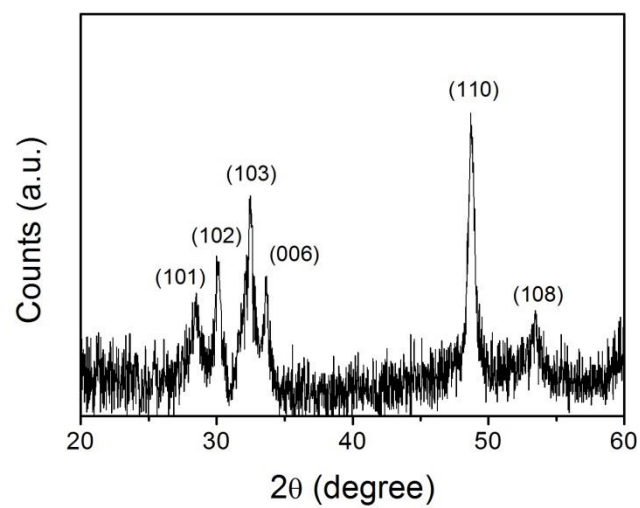


Fig. S3 Photographs of CuS-PPy nanoprisms and SDS-capped CuS nanoprisms in water, saline and PBS solution for 7 days.

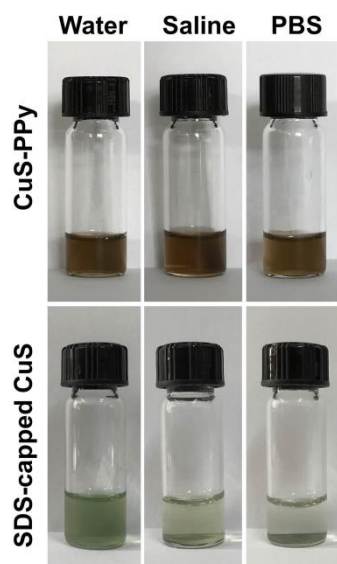


Fig. S4 (a) Temperature elevation of CuS-PPy nanoprisms during five cycles of on-and-off laser irradiation (1064 nm, LASER ON time: 6.5 min, LASER OFF time: 8.5 min). (b) UV-vis-NIR spectra of CuS-PPy nanoprisms before and after five cycles of laser irradiation.

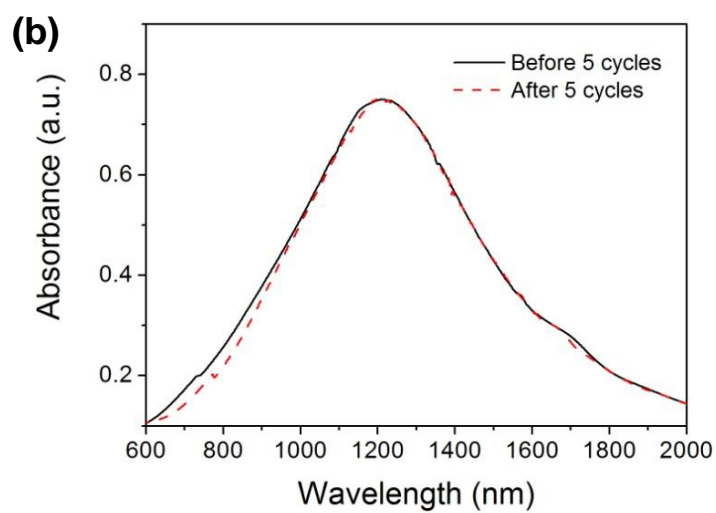
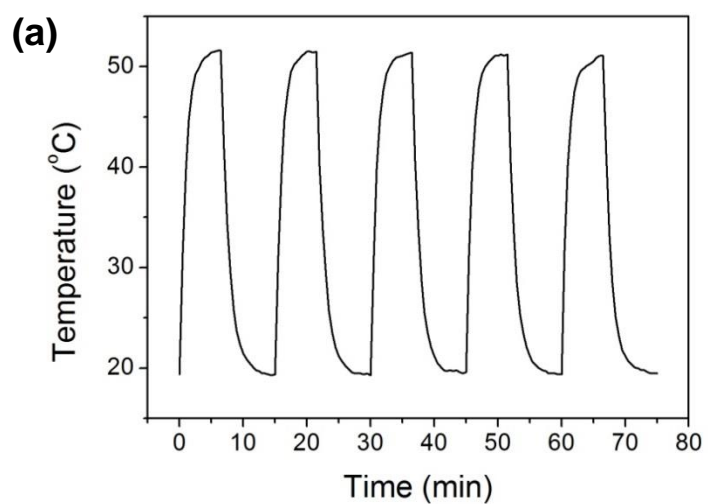


Fig. S5 Cytotoxicity of SDS-capped CuS nanoprisms with different concentrations by MTT assay. Data are shown as the means \pm standard error of the means, * $p < 0.05$.

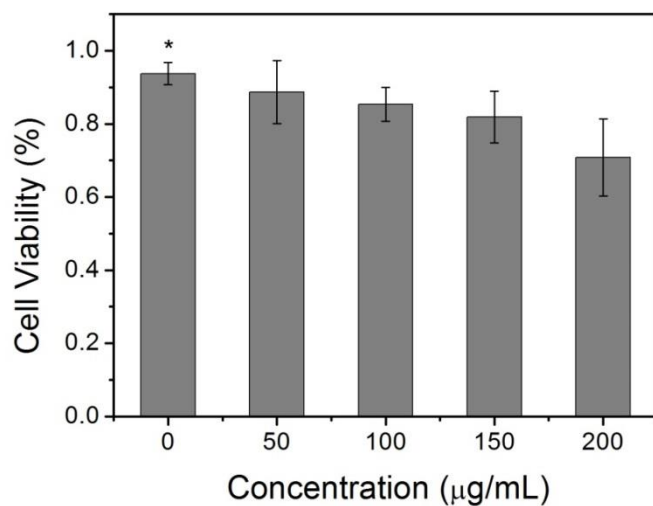


Fig. S6 The temperature rise profiles at the tumor site over 6 min laser irradiation with CuS-PPy or PBS only.

