

## Supporting information

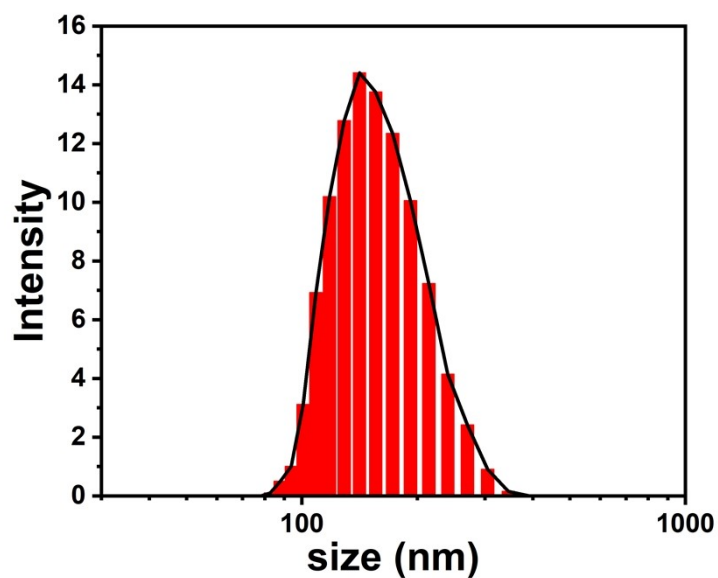
### Two-dimensional TiO nanosheets with photothermal effect for wound sterilization

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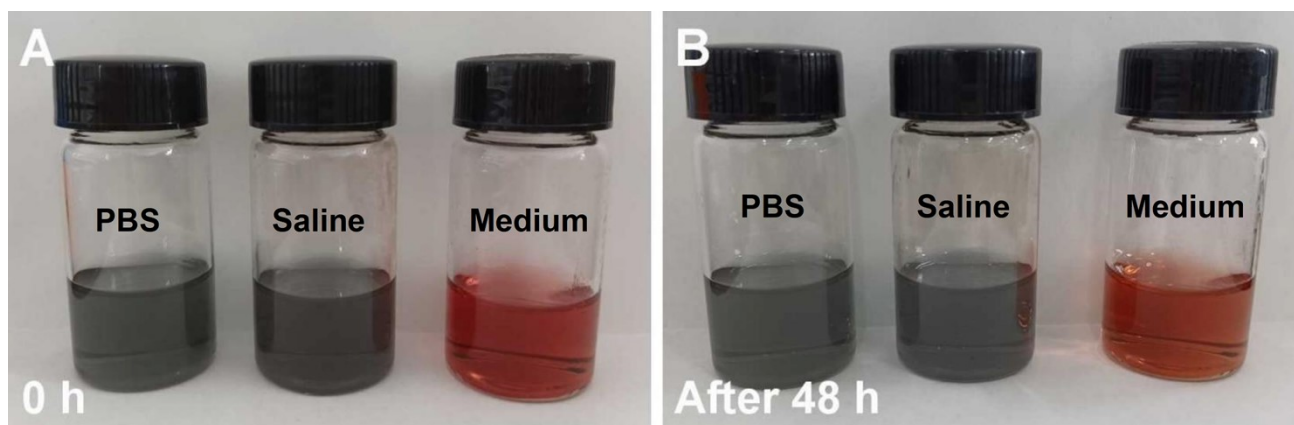
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**Figure S1.** Particle size of TiO NSs.



**Figure S2.** The stability of TiO NSs. Digital photos of TiO NS solutions in different dispersants after standing for (A) 0 hours and (B) 48 hours.

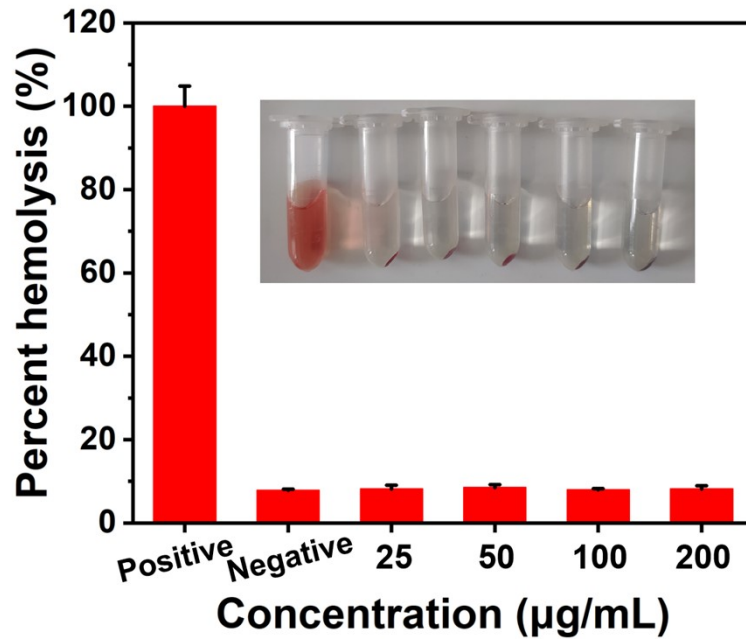


Figure S3. The hemolysis test of TiO NSs.

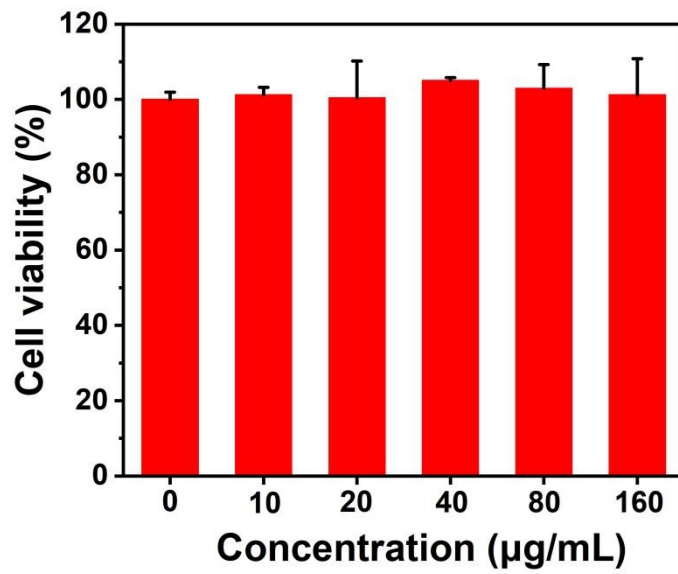


Figure S4. Statistical graph of cell viability under different concentrations of TiO NSs.