1 Supplementary Material

3 Au nanoparticles sensitized blue TiO₂ nanorod arrays for efficient

4 Gatifloxacin photodegradation

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Fig. S1. SEM images of TiO_2 (a) and $B-TiO_2$ (b).



Fig. S2. UV-vis spectra of Gatifloxacin by Au/B-TiO₂-2 at various time.









Fig. S4. MS spectra of Gatifloxacin at 0 min over Au/B-TiO₂-2.





Fig. S6. MS spectra of Gatifloxacin at 120 min over Au/B-TiO₂-2.





