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<b>Title</b>	Cu-Doped TiO <sub>2</sub> : Visible light assisted photocatalytic antimicrobial activity
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## Supplementary Materials

**Table S1.** Summarise glance of literature of Cu-TiO<sub>2</sub> for Antimicrobial disinfection.

Sample	Synthesis Process	Concentration	Illumination	Reference
CuO/TiO <sub>2</sub>	sol-gel electrospinning technique	5 wt%	Visible light	[33]
Cu/TiO <sub>2</sub>	Dip-coating technique	-	UV light	[34]
Cu <sub>0</sub> -TiO <sub>2</sub>	electrospinning technique and hydrothermal process	0.025M	Visible light	[35]
Cu-TiO <sub>2</sub>	Modified ammonia-evaporation-induced synthetic method	2 %	Visible light	[36]
F, Cu co doped TiO <sub>2</sub>	Sol-Gel synthesis	-	Visible light	[37]
Cu-TiO <sub>2</sub>	Sol-Gel synthesis	3 mol%	Visible light	[38]
Cu/TiO <sub>2</sub>	Sol-Gel synthesis	3 %	Visible light	[39]

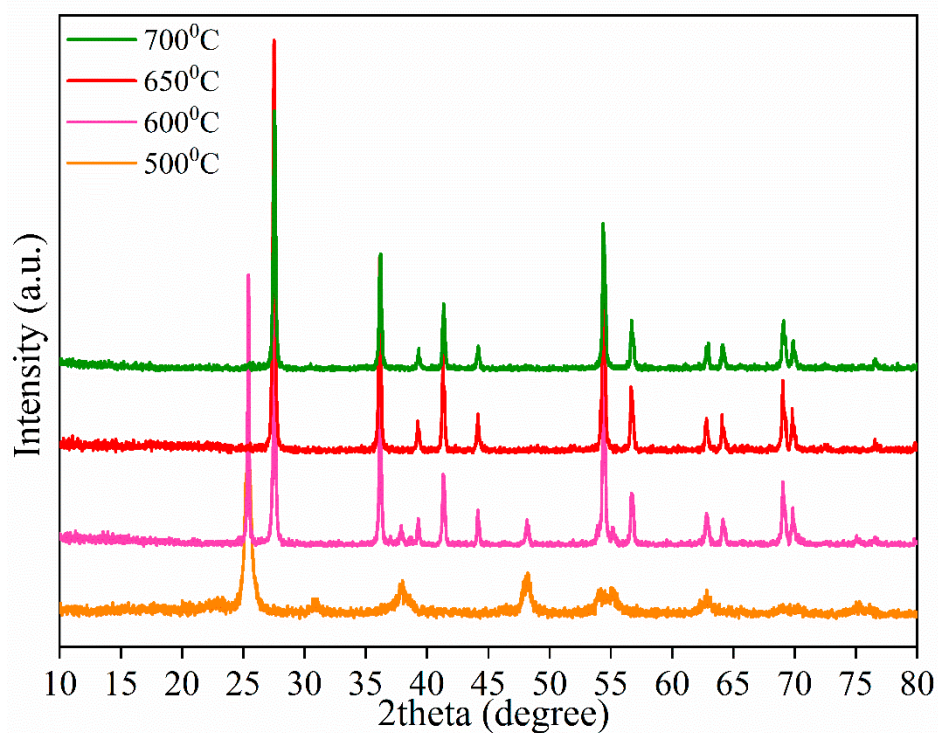


Figure S1. XRD profiles of undoped TiO<sub>2</sub> at different temperatures.