Immobilization of TiO₂ Nanoparticles on *Chlorella pyrenoidosa* Cells for Enhanced Visible-Light-Driven Photocatalysis

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Figure S1. Optical images of chlorella cells (a) before and (b) after the hydrothermal treatment.



Figure S2. Particle size distribution of the chlorella/TiO₂ composite (a) and pure TiO₂ (b).



Figure S3. Ti 2p XPS spectra of the two analyzed samples.

Table S1. The C1s and O1s contents in the samples, extracted from the XPS data.

Samples	Elements	PPAt.%
Pure TiO ₂	C1s	39.77
Chlorella/TiO2 composite	C1s	46.86



Figure S4. XRD patterns of the chlorella/TiO₂ composite and pure TiO₂ before and after the hydrothermal treatment.



Figure S5. Photocatalytic degradation of RhB solution with the samples without the hydrothermal treatment under visible-light illumination.



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