Supporting Information

Single Crystalline LiNb$_3$O$_8$ Nanoflakes for Efficient Photocatalytic Degradation of Organic Pollutants

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**Fig. 1S**: The XPS analysis of the LiNb$_3$O$_8$ nanoflakes as-prepared at 950°C, (a) the XPS spectrum of Li, (b) the XPS spectrum of Nb and (c) the XPS spectrum O1s.
Fig. 2S: Diffuse reflectance absorption spectra of LiNb₃O₈ nanoflakes as-prepared at 950°C.
Fig. 3S: Calculation of optical band gap by using Tauc’s Plot.
Fig. 4S: Methanol degradation curve under UV irradiation.