

Supporting Information

A New Approach Toward Nanosized Ferrous Ferric Oxide and Fe₃O₄-doped

Titanium Dioxide Photocatalysts

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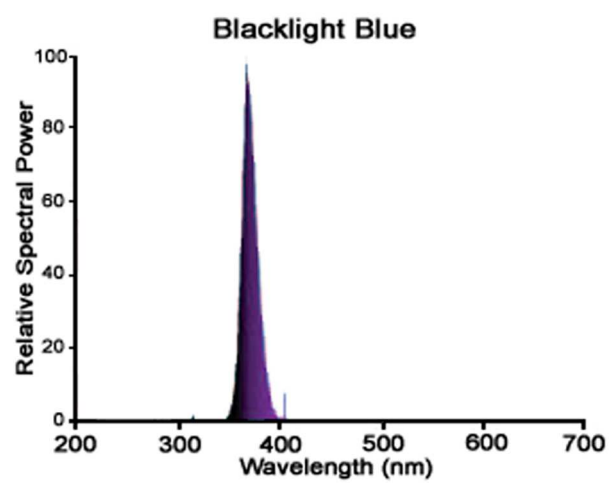


Fig S1. Spectral irradiation of UV light source.

Table S1. Atomic absorption study of FO, TF1 and TF2 before and after photocatalytic degradation.

	FO		TF1		TF2	
	Before	After	Before	After	Before	After
Iron Atom (mg/L)	7	123	23	39	14	34
Change (%)		1657		71		145

Experimental Procedure for Atomic Absorption Spectrometry

The released iron from the iron-containing catalysts in methylene blue solution was measured after the dynamic wet-state photocatalytic evaluation using Perkin-Elmer Model 3030 atomic absorption spectrometer (Perkin-Elmer Pty Ltd., Australia).