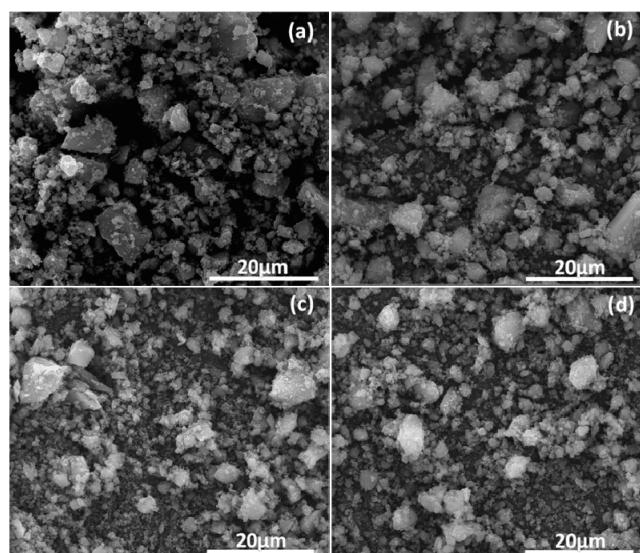
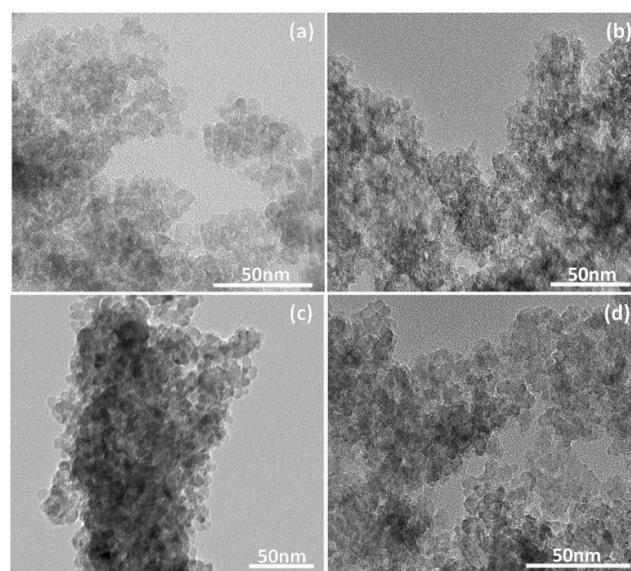


# Supplementary Materials: Low-Temperature Sol-Gel Synthesis of Nitrogen-Doped Anatase/Brookite Biphasic Nanoparticles with High Surface Area and Visible-Light Performance

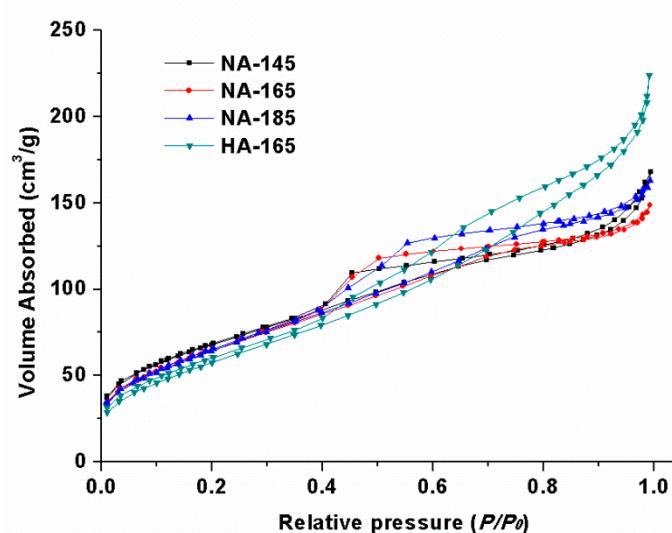
Liang Jiang, Yizhou Li, Haiyan Yang, Yepeng Yang, Jun Liu, Zhiying Yan, Xiang Long, Jiao He and Jiaqiang Wang



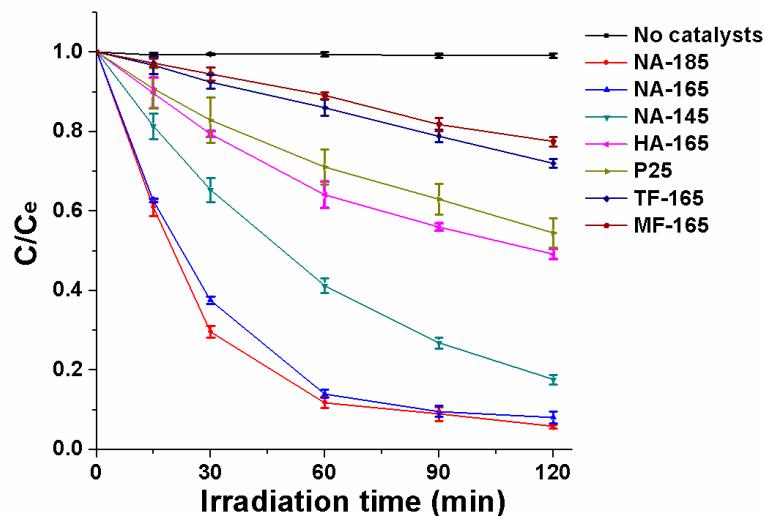
**Figure S1.** Scanning electron microscopy (SEM) images of NA-185 (a), NA-165 (b), NA-145 (c) and HA-145 (d).



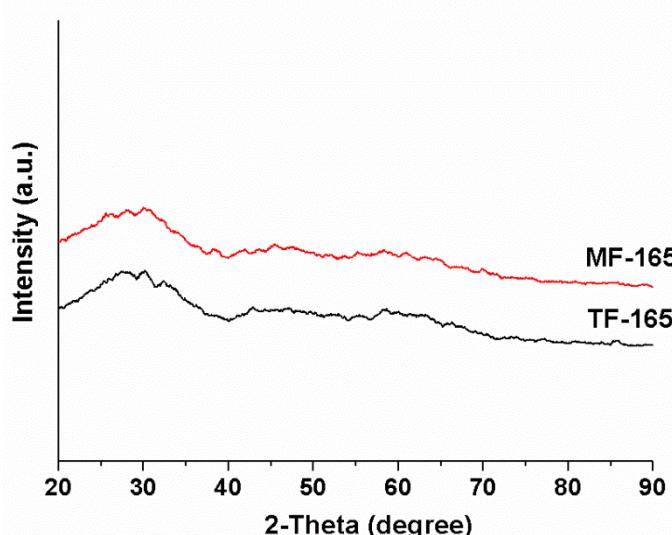
**Figure S2.** Transmission electron microscopy (TEM) of NA-185 (a), NA-165 (b), NA-145 (c) and HA-145 (d).



**Figure S3.** Nitrogen adsorption–desorption isotherms for the prepared samples.



**Figure S4.** Photocatalytic degradation of MO under visible light over different samples. Error bars represent the standard deviation from three measurements.



**Figure S5.** XRD patterns of MF-165 and TF-165.

**Table S1.** The BET analysis data of samples.

sample	S <sub>BET</sub> (m <sup>2</sup> /g)	av. pore size (nm)	pore volume (cm <sup>3</sup> /g)
NA-185	239	4.27	0.27
NA-165	240	4.08	0.25
NA-145	249	4.57	0.26
HA-165	216	5.78	0.36
TF-165	443	2.91	0.11
MF-165	407	2.68	0.08



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