Supporting Information

Double activating peroxymonosulfate with g-C$_3$N$_4$/Fe$_2$(MoO$_4$)$_3$ to enhanced photocatalytic activity under visible light irradiation

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Fig. 1 UV–vis diffuse reflectance spectra of Fe$_2$(MoO$_4$)$_3$ prepared at different pH values.
Fig. 2 XRD patterns of Fe$_2$(MoO$_4$)$_3$, g-C$_3$N$_4$ and g-C$_3$N$_4$/Fe$_2$(MoO$_4$)$_3$ photocatalyst (12%).
Fig. 3 XPS survey spectrum of g-C\textsubscript{3}N\textsubscript{4}/Fe\textsubscript{2}(MoO\textsubscript{4})\textsubscript{3}.
Fig. 4 The degradation rate of g-C₃N₄/Fe₃(MoO₄)₃ for different dyes ([photocatalyst] = 0.5 g/L, [PMS] = 2 mmol/L, [Methylene blue] = [Rhodamine B] = [Methyl orange] = 2×10⁻⁵ M).