

Electronic Supplementary Information (ESI)

Synergistic contributions by decreasing overpotential and enhancing charge-transfer in α -Fe₂O₃/Mn₃O₄/graphene catalysts with heterostructures for photocatalytic water oxidation

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Fig. S1 Fourier transform infrared (FTIR) spectra of (a) r-GO and (b) α -Fe₂O₃/Mn₃O₄-1/r-GO-3 nanocomposite.

Fig. S2 Raman spectra of (a) r-GO and (b) α -Fe₂O₃/Mn₃O₄-1/r-GO-3 nanocomposite.

Fig. S3 SEM images of (A) α -Fe₂O₃ and (B) α -Fe₂O₃ calcined under 400 °C.

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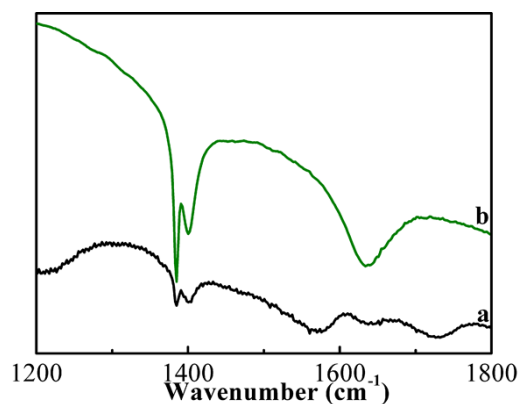


Fig. S2 Raman spectra of (a) r-GO and (b) α -Fe₂O₃/Mn₃O₄-1/r-GO-3 nanocomposite.

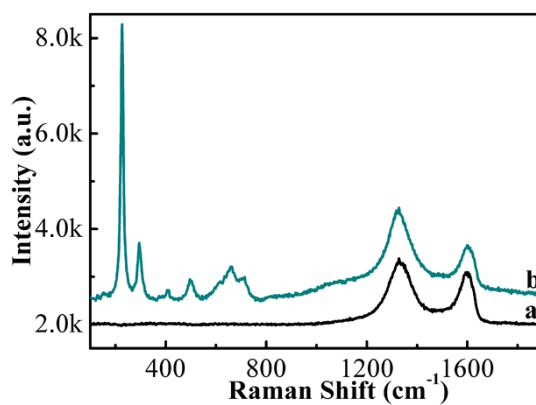


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