Figure S1. (a) Effect of PMS on PFOA degradation in the absence of ZnO under UV and visible light irradiation. (b) Different vessels used for evaluation of the photocatalytic/photoelectrocatalytic degradation of PFOA (i: ZnO films, ii: suspended ZnO nanoparticles, iii: PMS (in the absence of ZnO)).
Figure S2. Effect of the irradiation time on the photocatalytic PFOA degradation over the ZnO electrode with the addition of PMS (~0.27 g L\(^{-1}\)) under UV irradiation.
Figure S3. (a) Effects of the scavengers on PFOA (53 mg L\(^{-1}\)) photocatalytic degradation under UV irradiation using suspended ZnO nanoparticles (0.53 g L\(^{-1}\)). (b) Evolution of intermediates during the photocatalysis of PFOA (53 mg L\(^{-1}\)) under UV irradiation using suspended ZnO nanoparticles (0.53 g L\(^{-1}\)) with the addition of PMS (0.53 g L\(^{-1}\)).
Figure S4. Photocatalytic degradation of PFOA (~53 mg L\(^{-1}\)) using suspended \(\text{In}_2\text{O}_3\) nanoparticles (~0.53 g L\(^{-1}\)) under UV irradiation.