

Supplementary Material

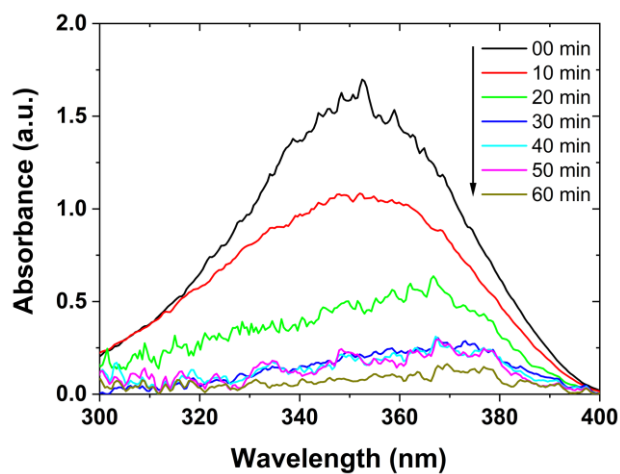


Figure S1. Typical absorption spectra of photocatalytic degradation of 8.33% v/v Dixan aqueous solution in the presence of ZnO/Mn-ZnO nanostructures under UV-A light irradiation.

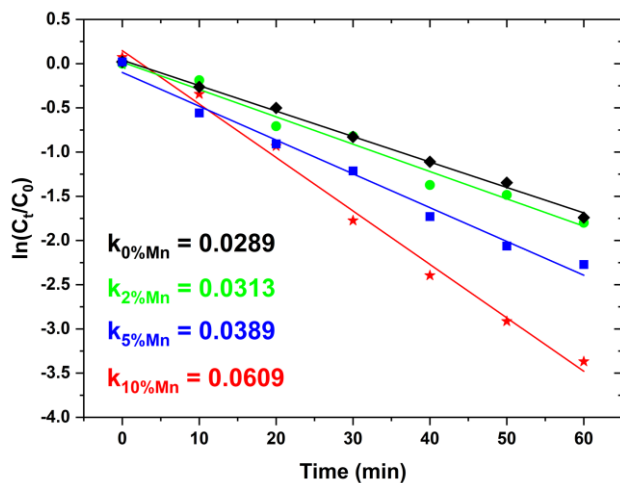


Figure S2. Apparent rate constants (k) of Dixan degradation using Mn-doped ZnO nanostructures deposited on 3D printed sponges.