Supporting Information

Synthesis of bi-metallic-sulphides/MOF-5@graphene oxide nanocomposites for the removal of hazardous Moxifloxacin

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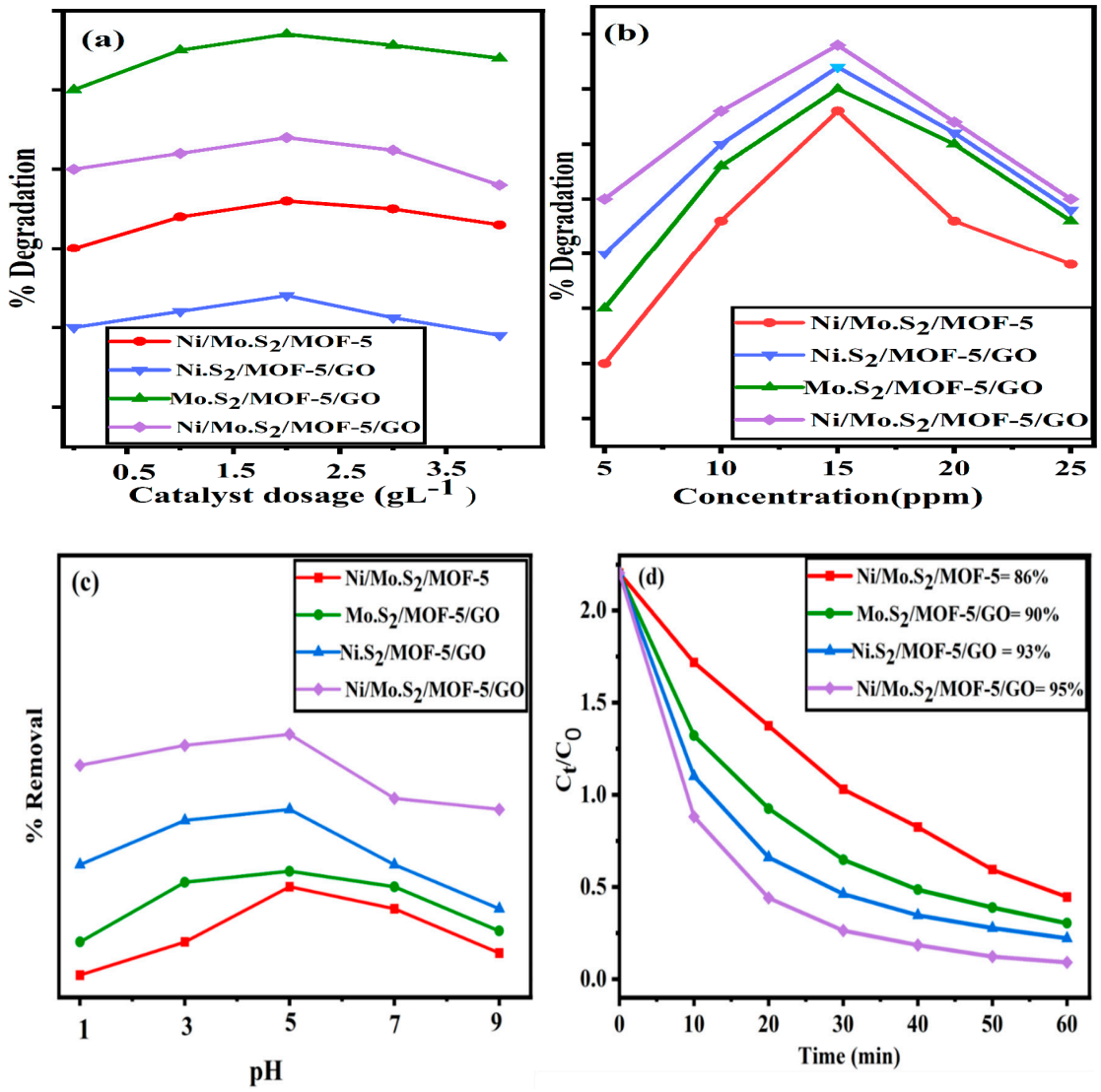

Figure S1. Optimization of reaction parameters using Ni/Mo.S2/MOF-5/GO, Ni.S2/MOF-5/GO, Mo.S2/MOF-5/GO, Ni/Mo.S2/MOF-5 (a) MOX concentration, (b) photocatalyst dosage (c) Effect of pH of on degradation of moxifloxacin (d) MOX degradation by all catalysts as a function of time under sunlight irradiation.

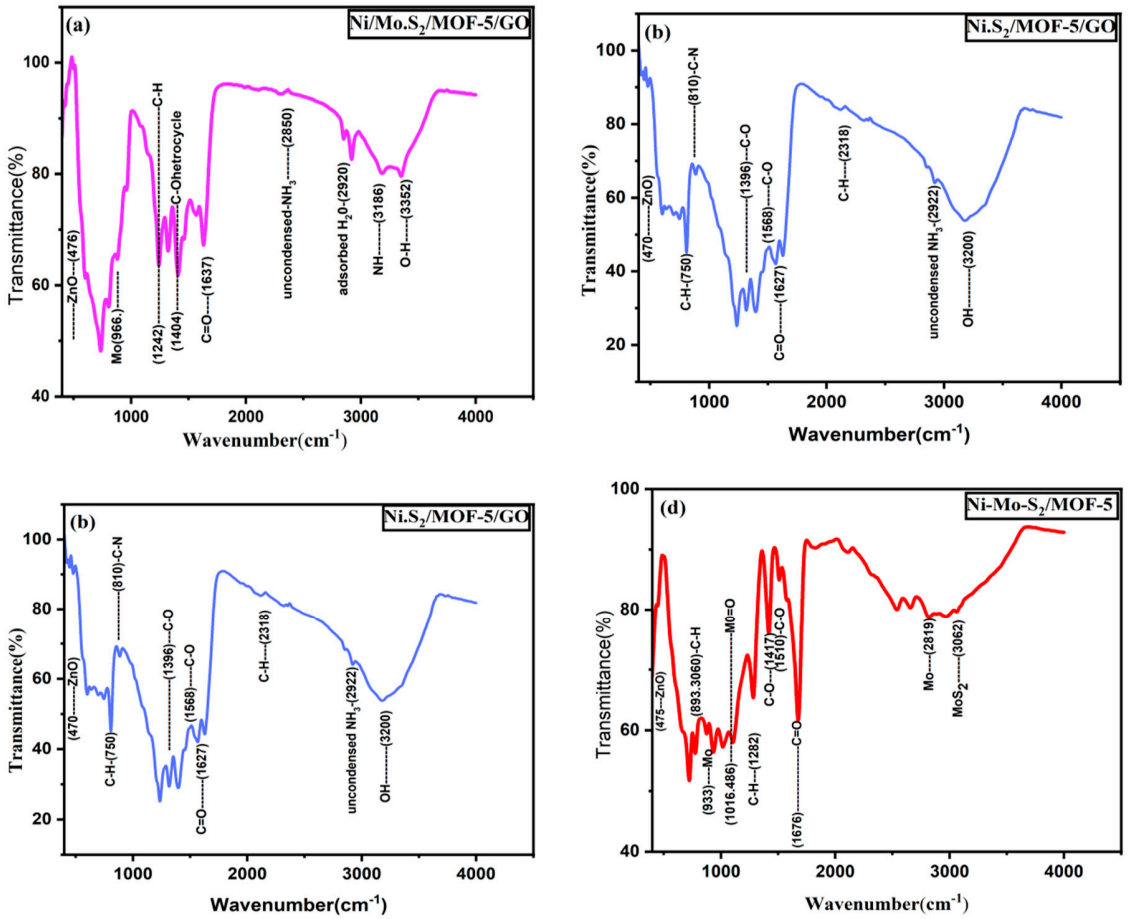

Figure S2. Fourier transform infrared (FTIR) spectra of sample (a)Ni/Mo.S2/MOF-5/GO, (b) NiS2/MOF-5/GO, (c) Mo.S2/MOF-5/GO, (d)Ni/Mo.S2/MOF-5 nanocomposites of the used catalysts after cycling to verify their structural stability.