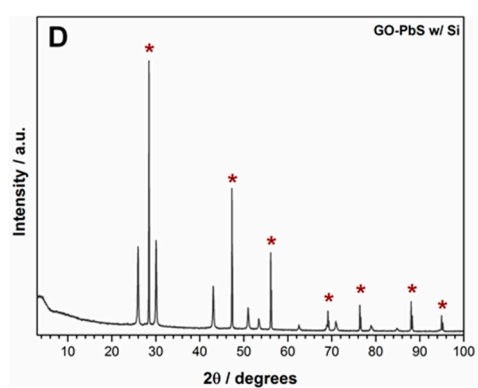
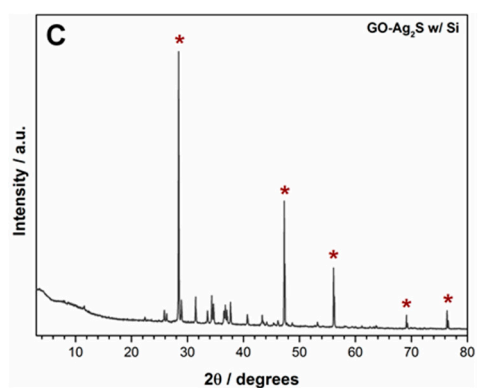
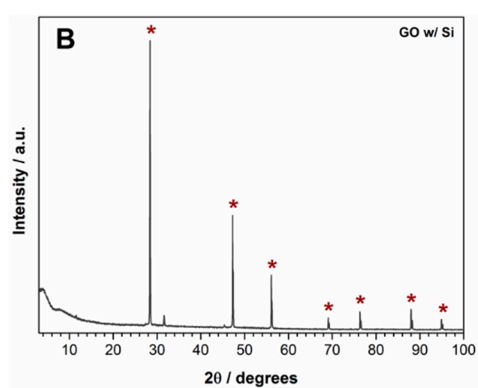
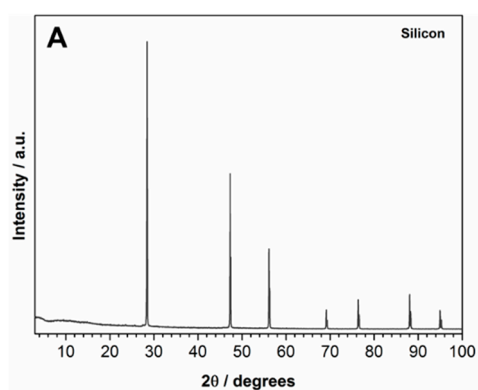


Supplementary Materials



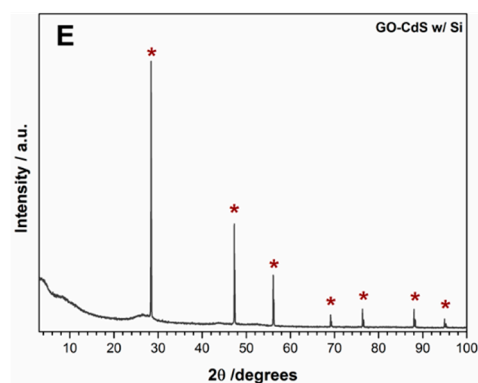


Figure S1. (A-E) Powder XRD patterns of GO/MS hybrid nanostructures as indicated, with Si as internal reference (marked as *).

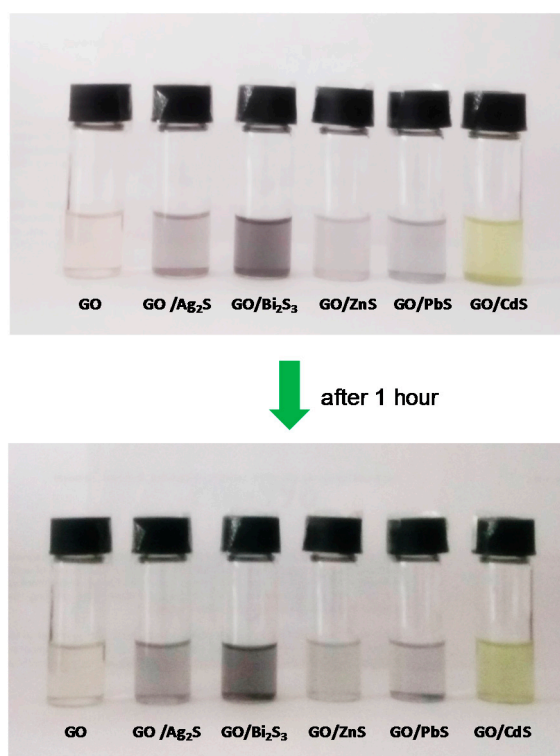


Figure S2. Ethanolic suspensions of GO/metal sulfide (0.05 mg/ mL) after preparation and 1 h standing.

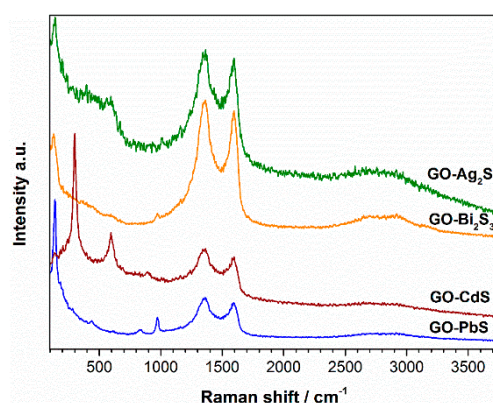


Figure S3. Raman spectra of GO sheets and derived hybrid nanostructures having the indicated metal sulfide.

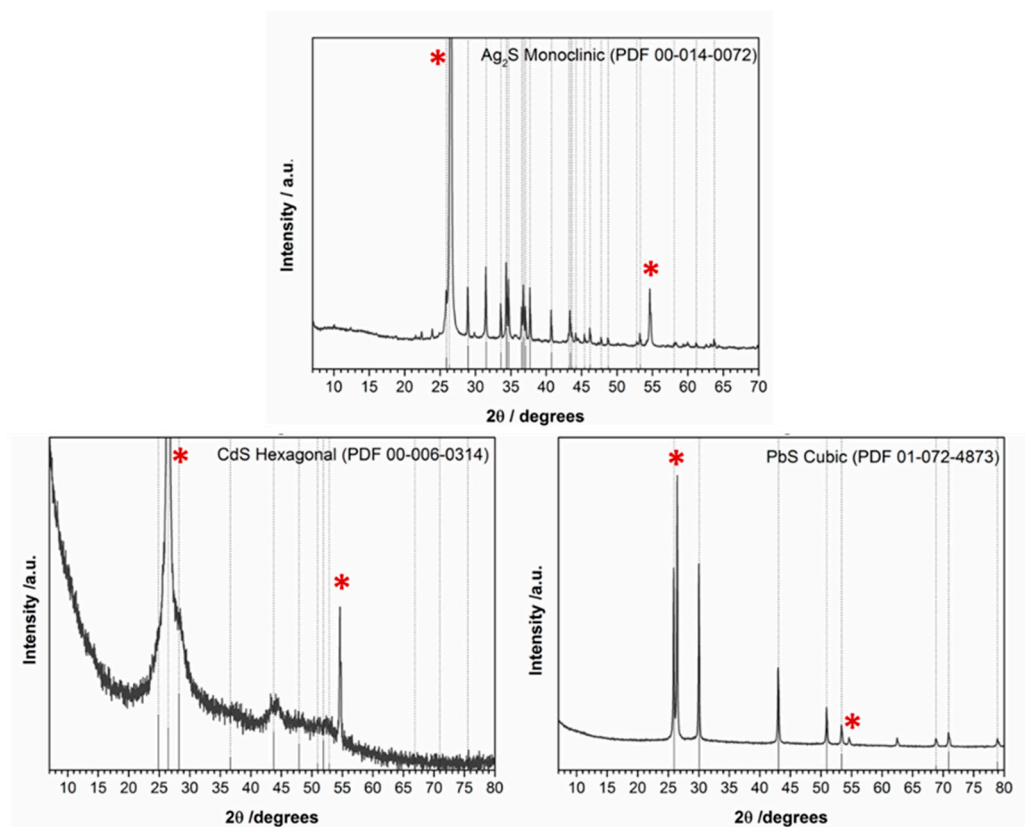


Figure S4. Powder XRD patterns of EGO/MS hybrid nanostructures. The vertical lines correspond to the standard diffractions peaks attributed to the respective metal sulfide and the diffraction peaks assigned to EGO are marked with *