

Effect of Locust Bean Gum based Gel Electrolyte with Nanocomposite Additives on performance of Dye-Sensitized Solar Cell

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Supporting information

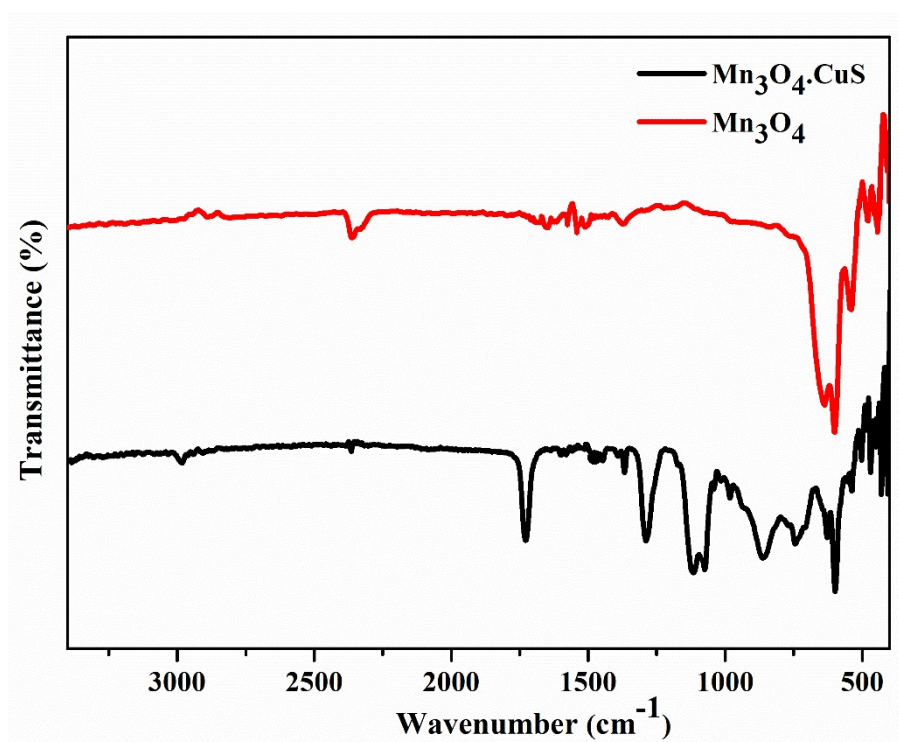


Figure S1. FTIR Spectroscopy of Mn₃O₄ and Mn₃O₄·CuS Nanocomposites.

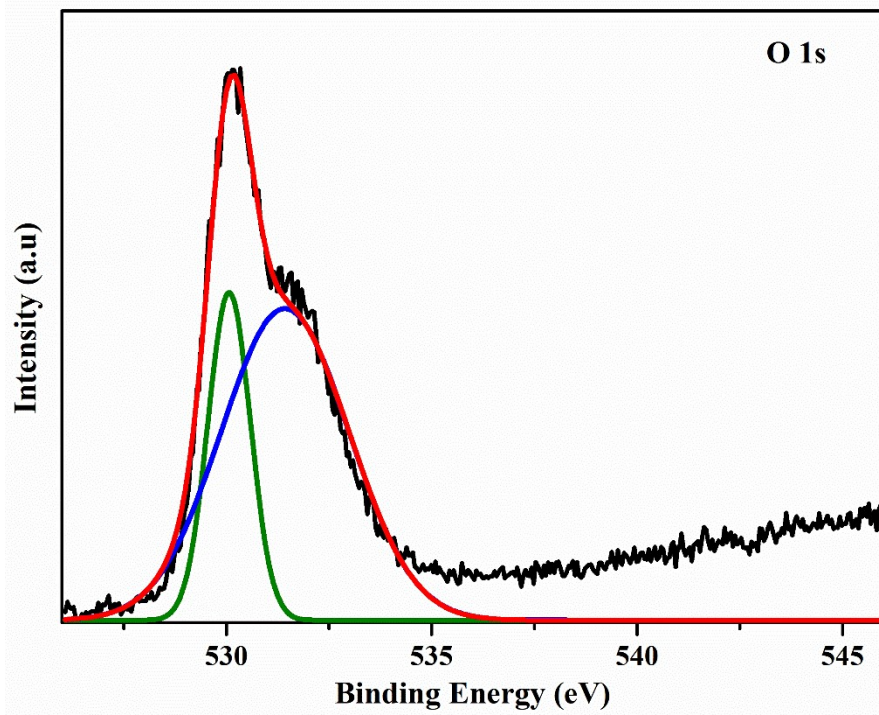


Figure S2a. XPS image of O1s.

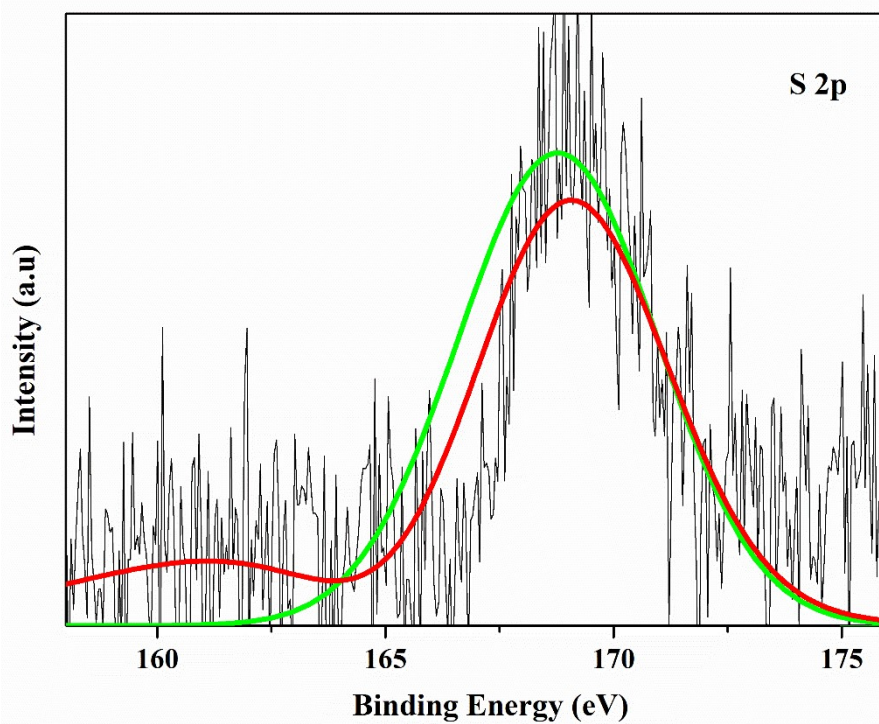


Figure S2b. XPS image of S2p.

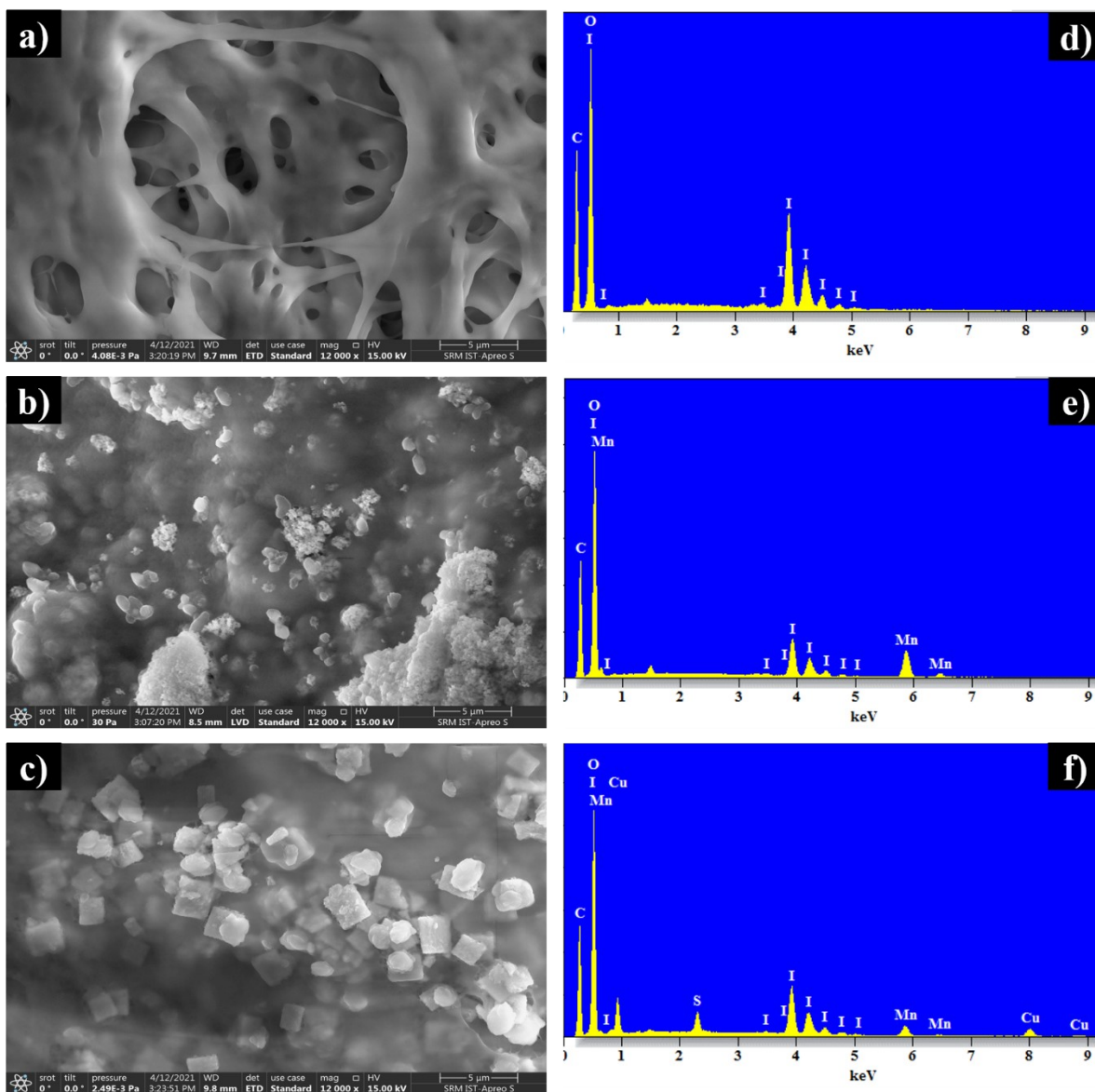


Figure S3. SEM images of a) LGE1 b) LGE2 c) LGE3, EDX images of d) LGE1 e) LGE2 f) LGE3.

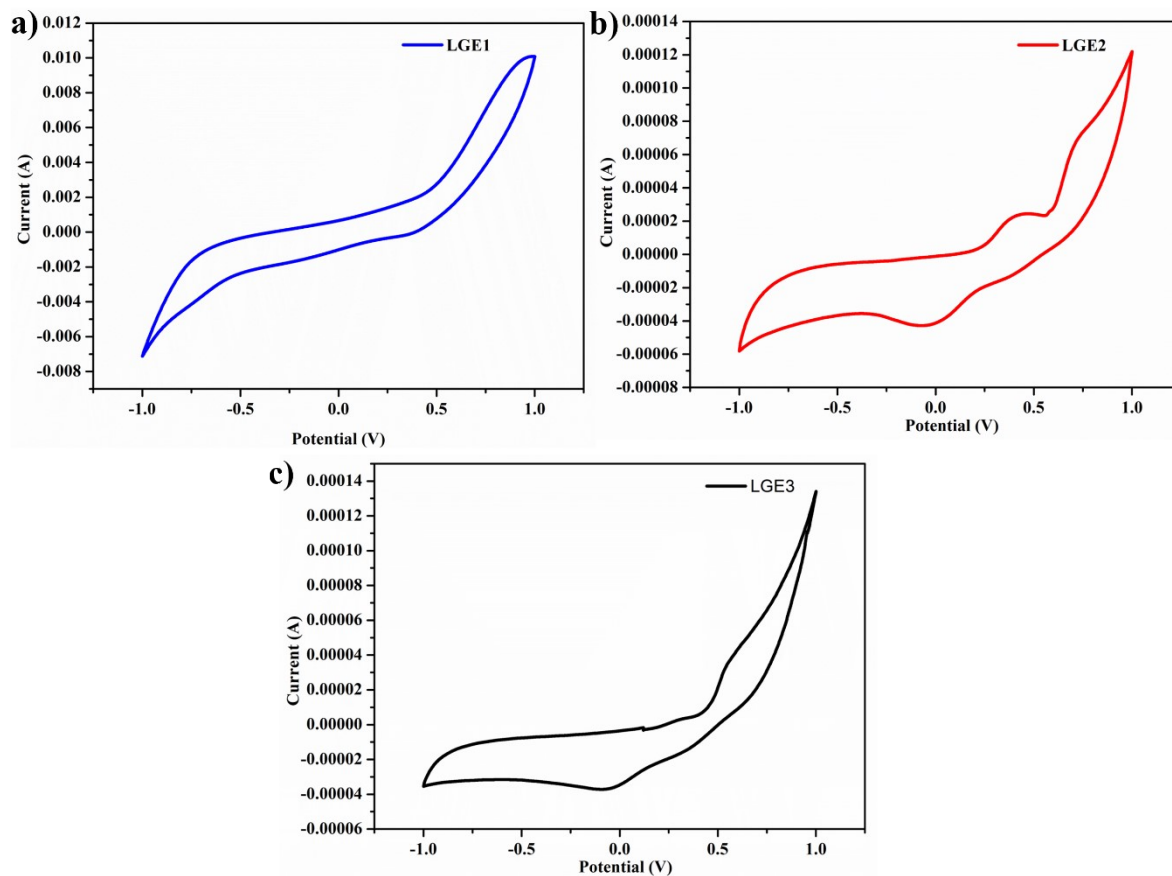


Figure S4. Cyclic Voltammetry spectrum of a) LGE1 b) LGE2 c) LGE3.