Scan rate dependence of anodic and cathodic peak currents for CSCu hydrogels.

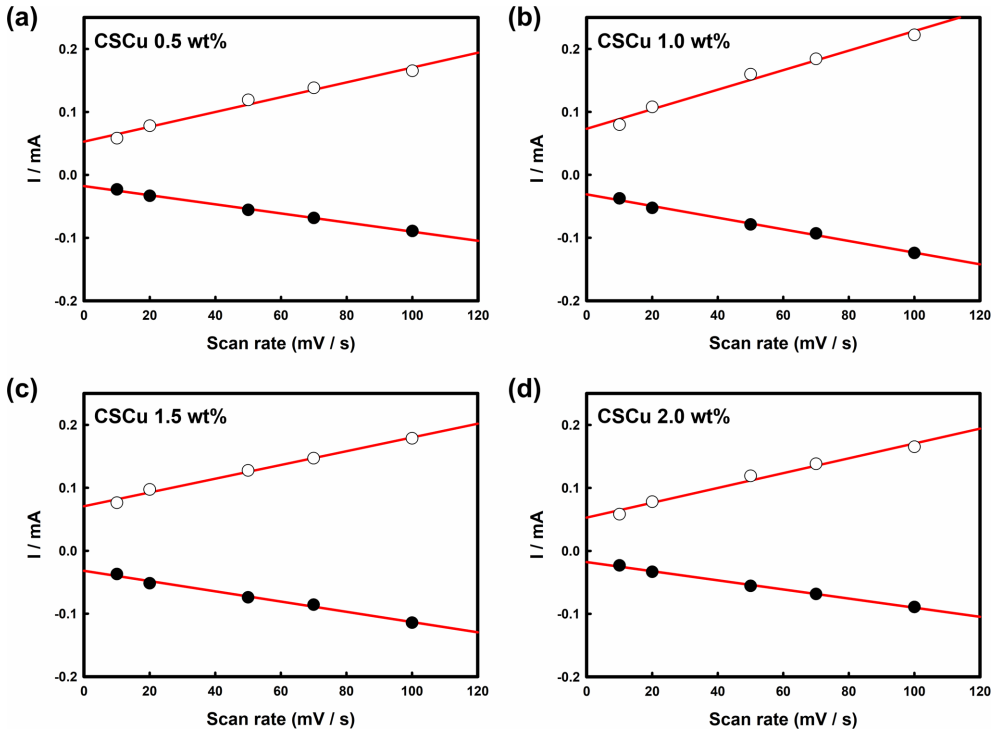

Fig. S5. Anodic (Ipa) and cathodic (Ipc) peak currents as a function of scan rate for the Cu / Cu^{+} redox couple in CSCu hydrogels with different chitosan concentrations.

Effect of chitosan concentration on Cu^{2+} incorporation and diffusion behavior in CSCu hydrogels.

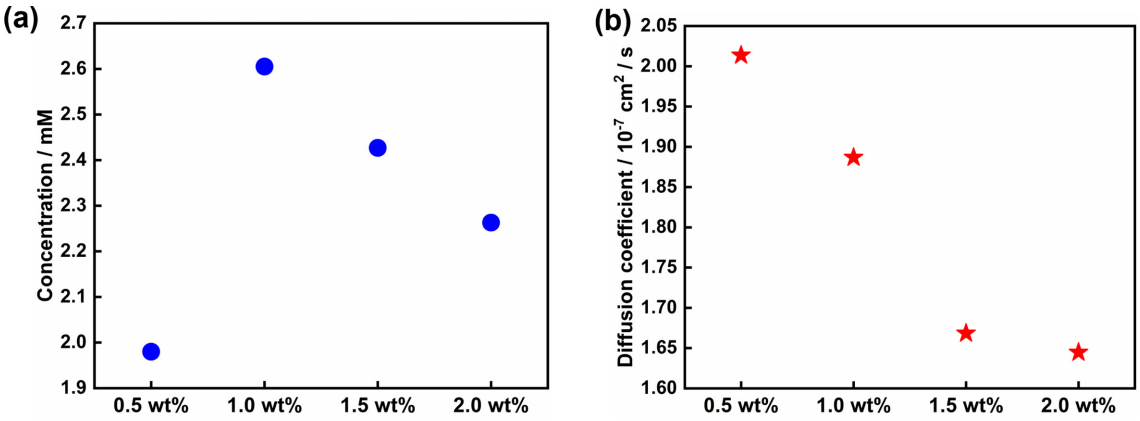

Fig. S6. (a) Estimated Cu^{2+} concentration incorporated within chitosan hydrogels as a function of chitosan concentration. (b) Corresponding diffusion coefficients (D) of Cu^{2+} ions calculated for CSCu hydrogels with different chitosan concentrations.