

Figure S1. Microstructure and porosity of hydrogels prepared by mixing sericin and pyrrole at different ratios. (A) SEM images. (B) Pore sizes. Data are presented as mean \pm SD ($n = 30$). **** $p < 0.0001$.

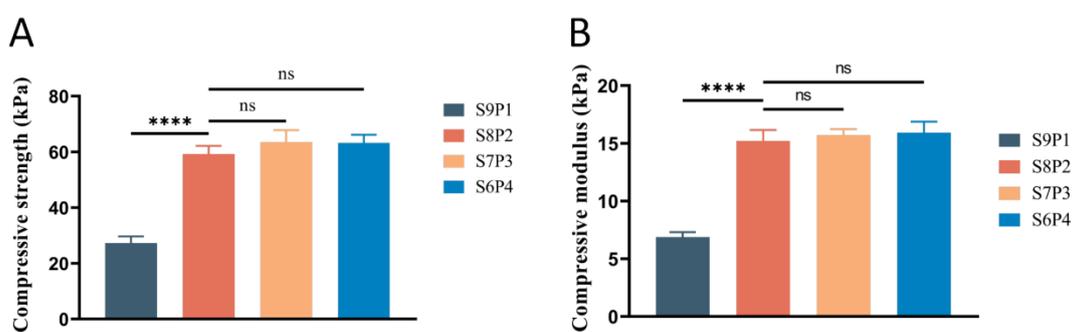


Figure S2. (A) Compressive strength of different hydrogels. (B) Compressive modulus of different hydrogels. Data are presented as mean \pm SD ($n = 3$). **** $p < 0.0001$.