

Supporting Information

Composite Biomaterial Based on Conductive Polymer/Anion Synergistic Effect as Mimetic Electronic Skin

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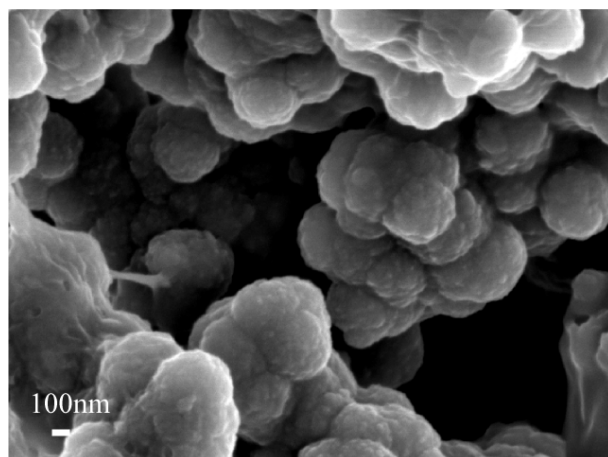


Fig. S1. SEM image of the pure PPy.

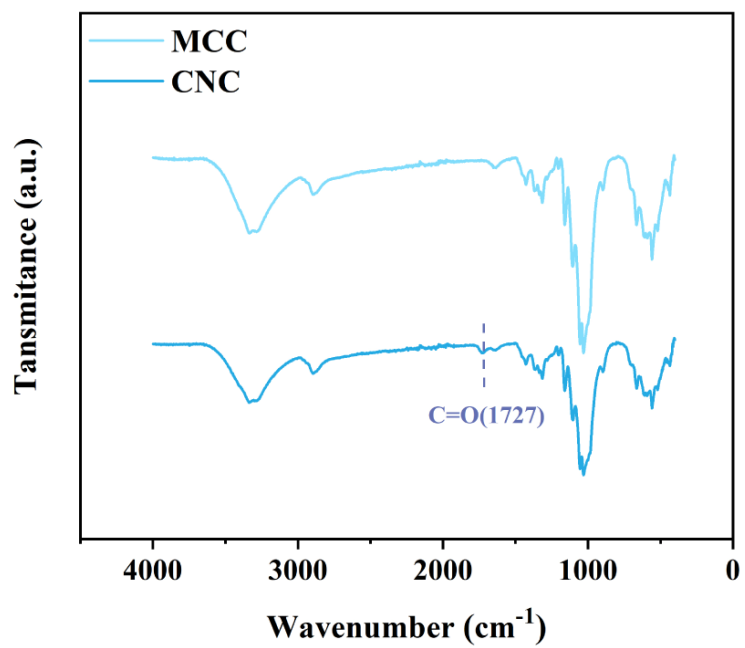


Fig. S2. FTIR spectra of the MCC and CNC.

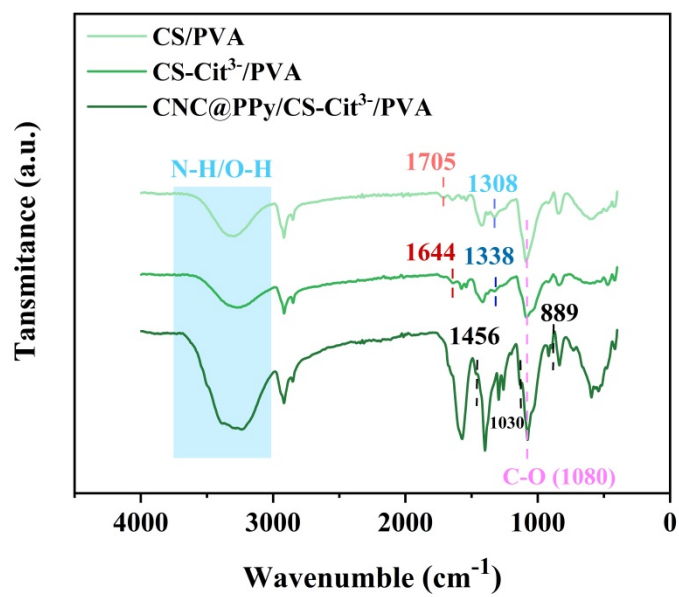


Fig. S3. FTIR spectra of the CS/PVA, CS-Cit³⁻/PVA, and CNC@PPy/CS-Cit³⁻/PVA hydrogels.

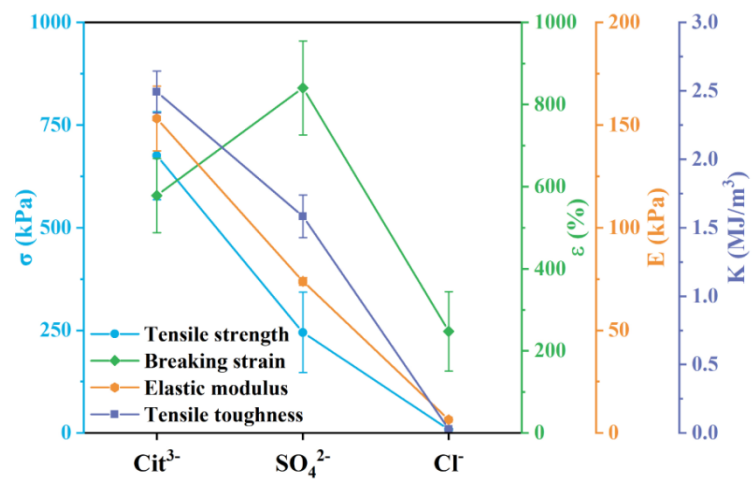


Fig. S4. (a) Tensile strength, (b) breaking strain, (c) elastic modulus, and (d) tensile toughness of the CS/PVA hydrogel, which was immersed in Na₃Cit, Na₂SO₄, and NaCl solutions for 20 h, respectively.

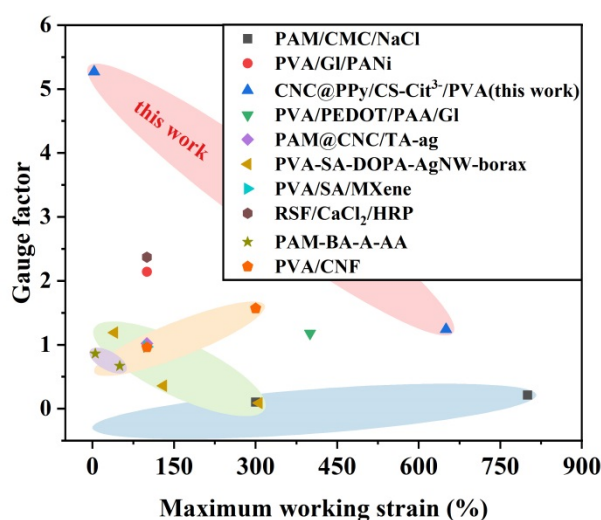


Fig. S5. Contrast of maximum working strain and corresponding gauge factor of recently reported conductive gels adapted from literatures [1-9].

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