

Supplementary Information

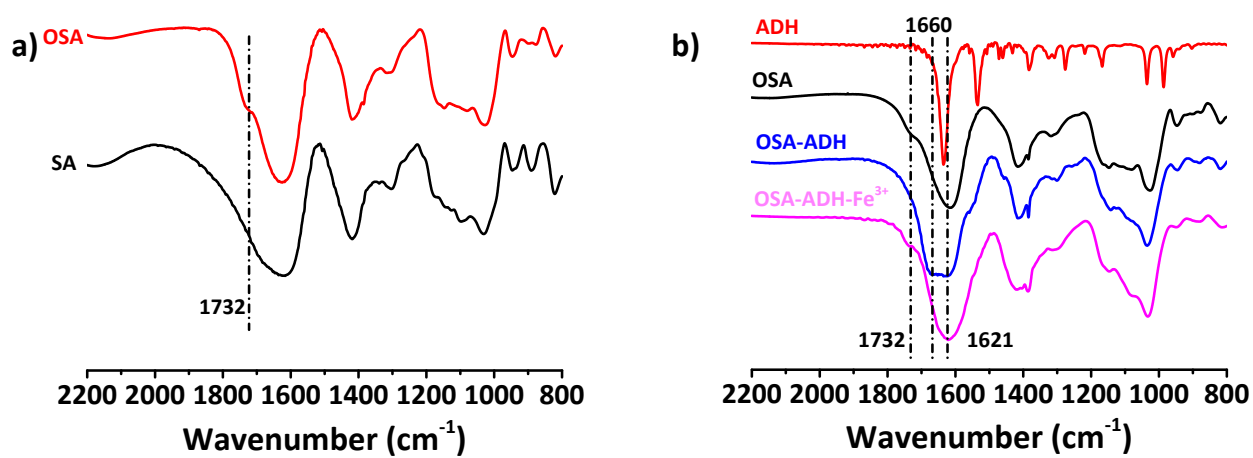


Figure S1. (a) FTIR spectra of SA and OSA. (b) FTIR spectra of OSA, ADH, OSA-ADH gel, and OSA-ADH-Fe³⁺ gel.

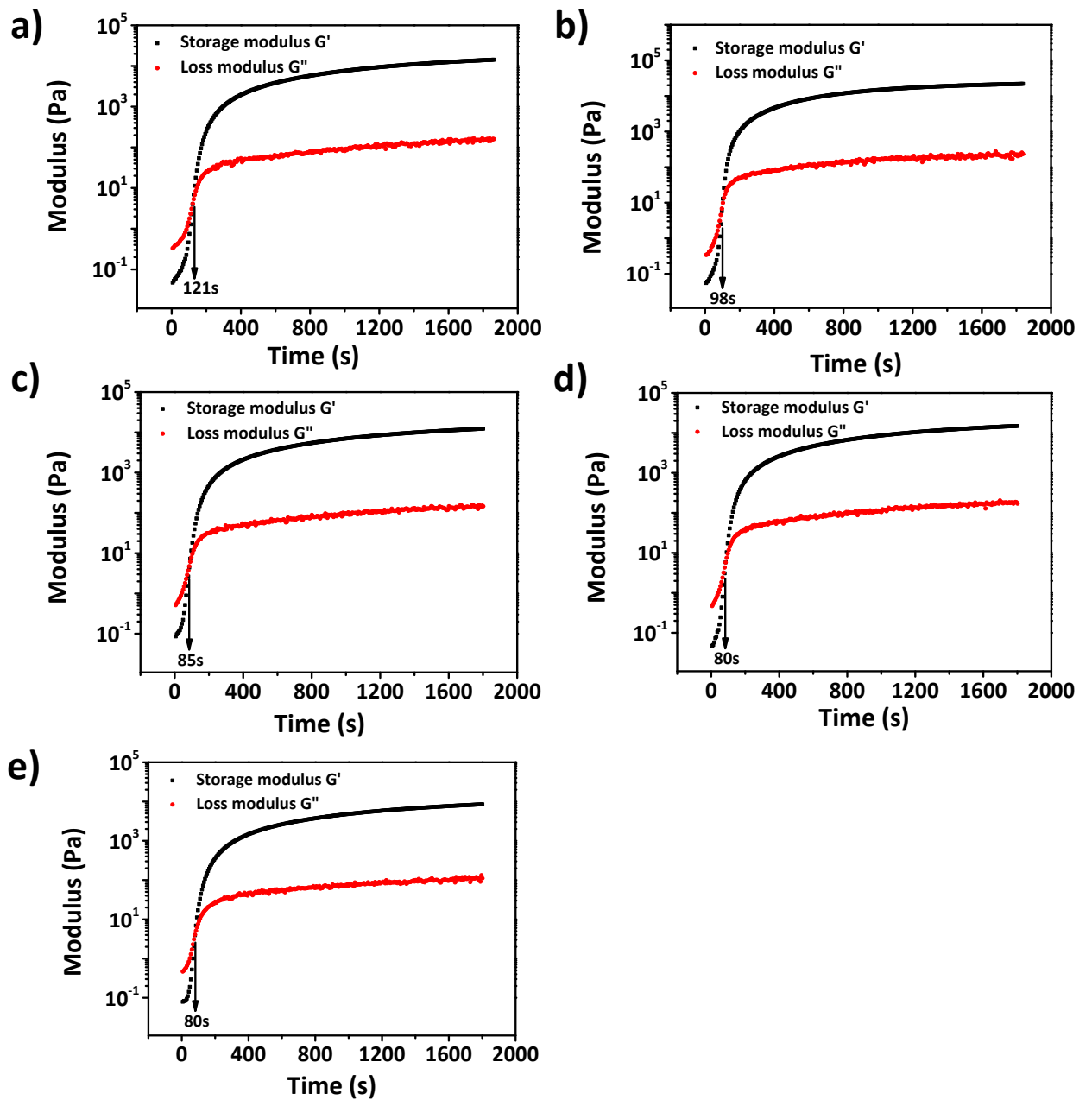


Figure S2. Time-sweep rheological properties of OSA-ADH gel during the gelation process with different weight ratios of OSA to ADH, (a) 1:0.35; (b) 1:0.39; (c) 1:0.44; (d) 1:0.48; (e) 1:0.52.

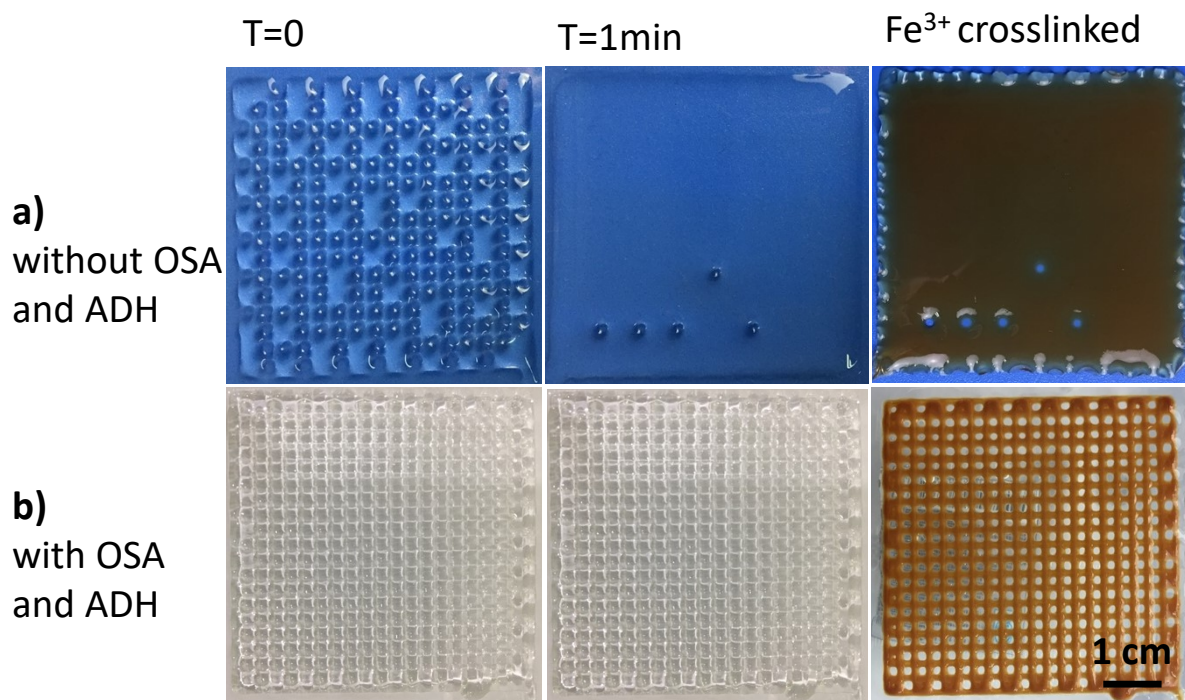


Figure S3. Printing results of P(AAm-co-AAc) polymer solution (a) without and (b) with OSA and ADH.

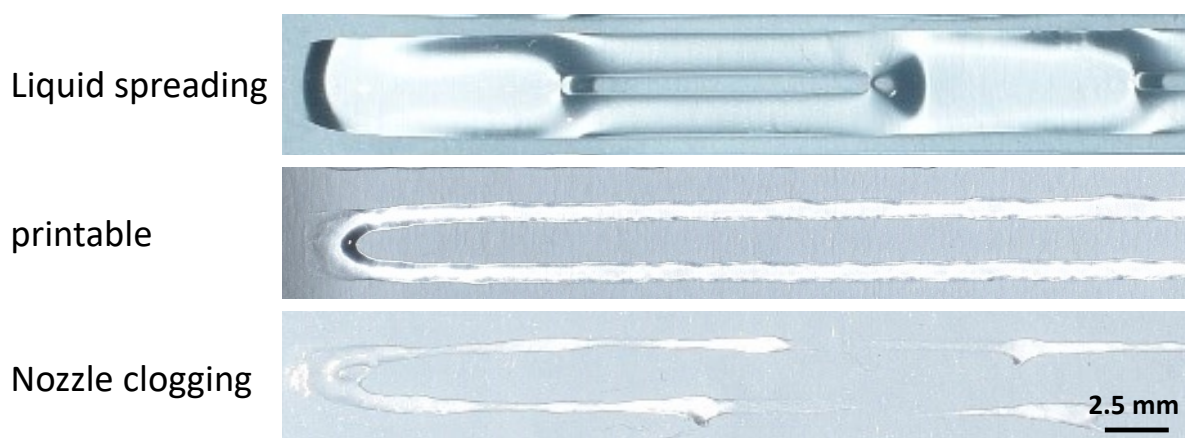


Figure S4. Different printing status of the ink.