

Understanding Gel-Powers: Exploring Rheological Marvels of Acrylamide/Sodium Alginate Double-Network Hydrogels

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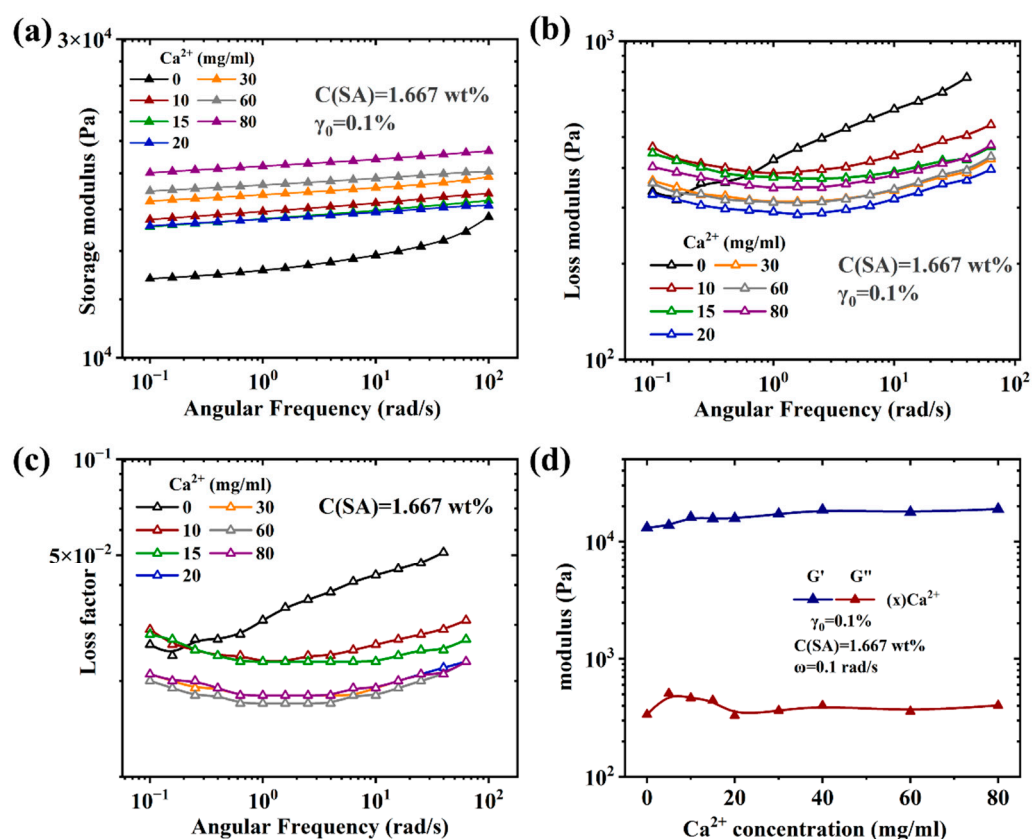


Figure S1 (a and b) Frequency scan curves for sample S2 (SA=2.667 wt%), (c) relationship between loss coefficient and angular frequency in the frequency scan, (d) modulus of sample S2 versus calcium ion concentration

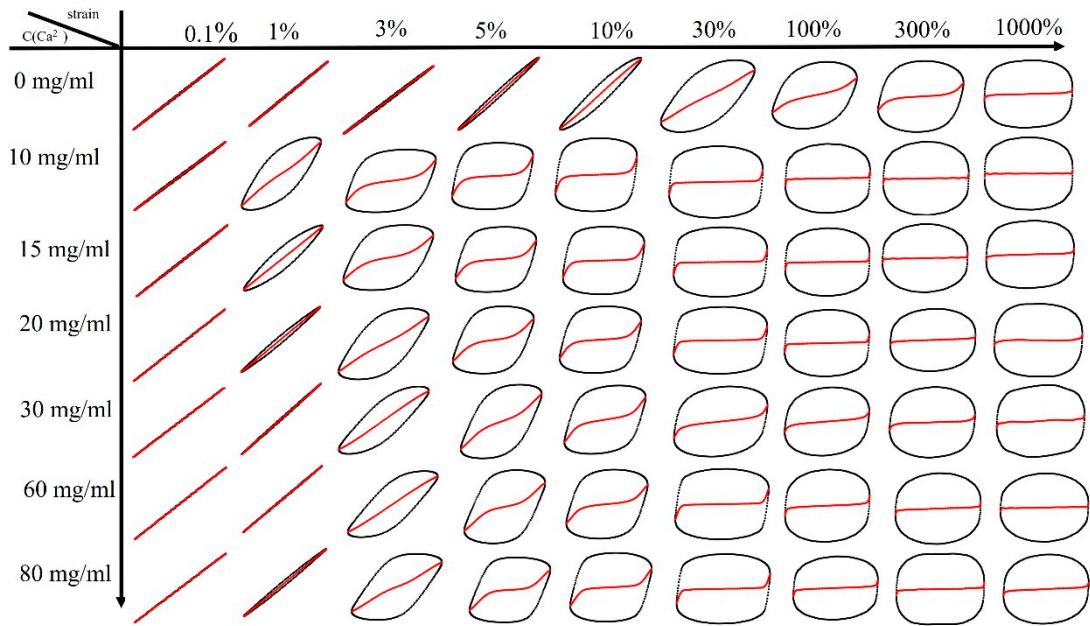


Figure S2 Elastic Lissajous curves of sample S1 at different calcium ion concentrations with different γ_0

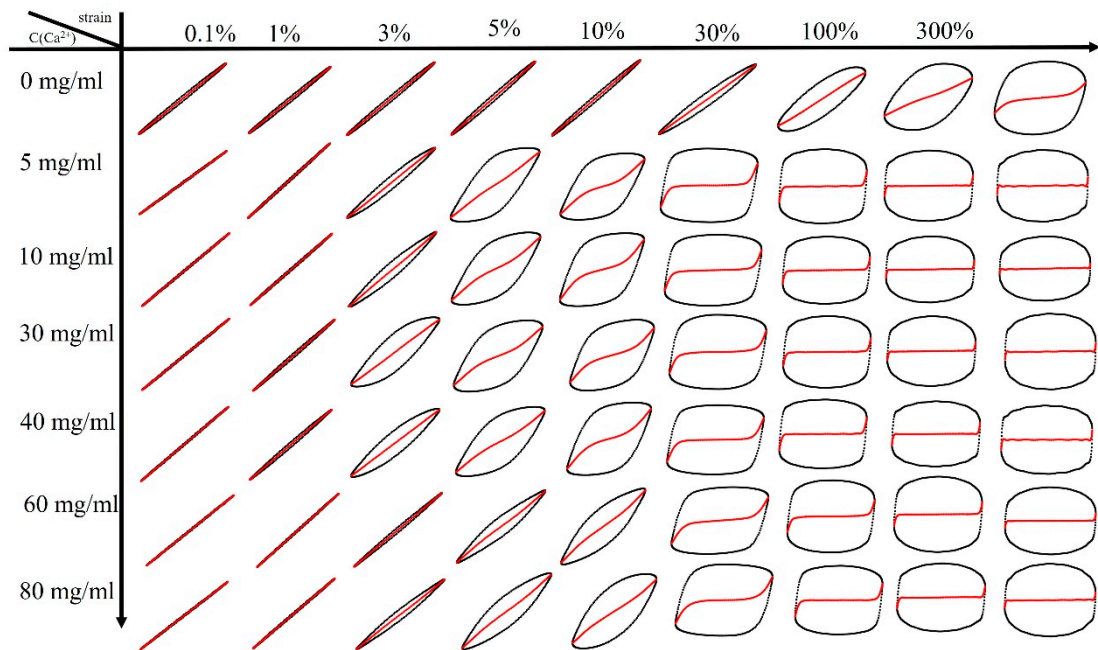


Figure S3 Elastic Lissajous curves of sample S2 at different calcium ion concentrations and different γ_0

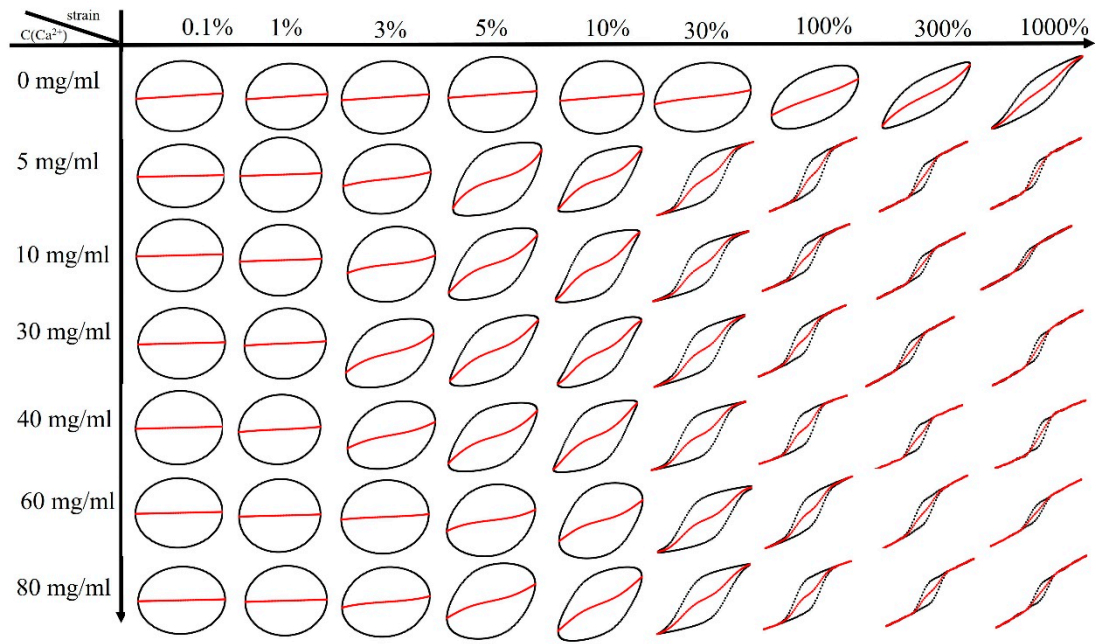


Figure S4 Viscosity Lissajous curves of sample S2 at different calcium ion concentrations with different γ_0

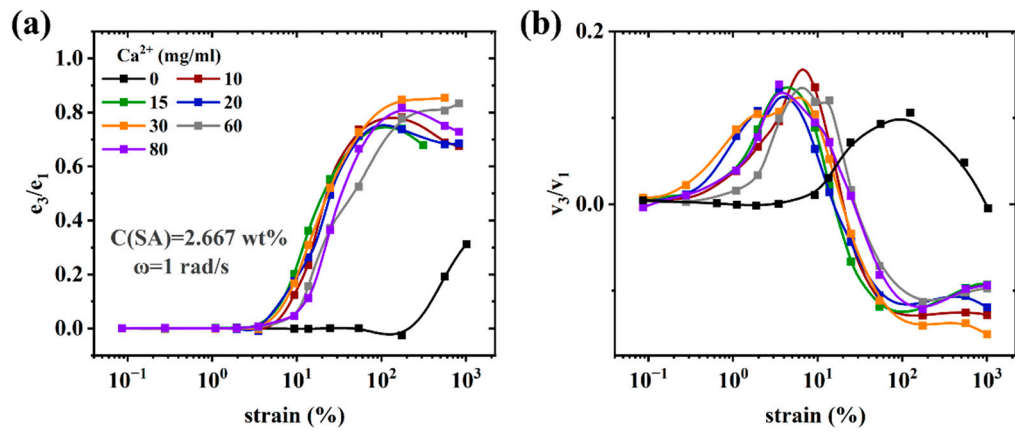


Figure S5 sample S2: (a and b) Chebyshev coefficient (e_3/e_1 , and v_3/v_1) versus strain