

Article

Correlation between Physical Properties of 12-Hydroxystearic Acid Organogels and Hansen Solubility Parameters

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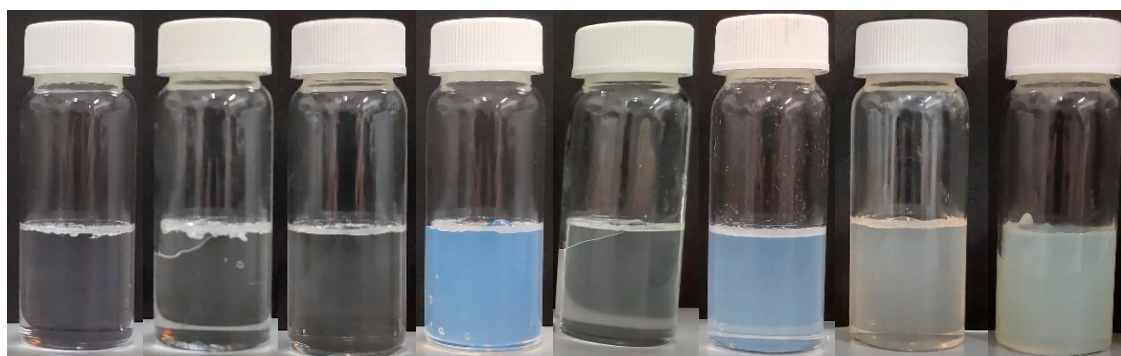


Figure S1. Appearance of prepared gels with 1.0 wt% of 12HSA with various solvents (diameter of vial is 34.0 mm): (a) o-Xylene, (b) m-Xylene, (c) p-Xylene, (d) Styrene, (e) n-Butylbenzene, (f) Di-Isononyl Adipate, (g) Fluorobenzene, (h) 2-Methylfuran.

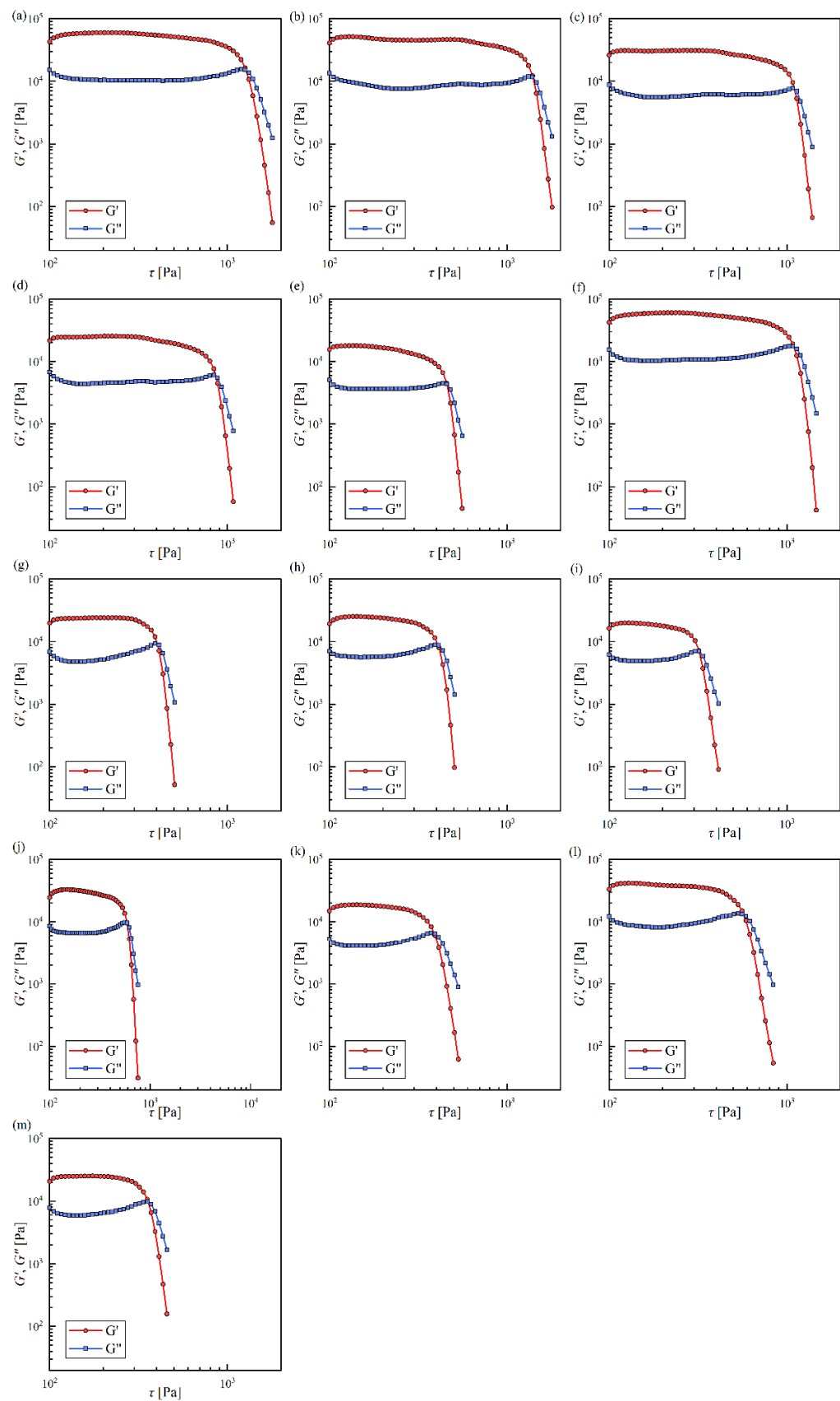


Figure S2. Storage and loss moduli measured by rheological measurement of prepared gels with 1.0 wt% of 12HSA with various solvents: (a) Hexane, (b) Heptane, (c) Octane, (d) Nonane, (e) Decane, (f) o-Xylene, (g) m-Xylene, (h) p-Xylene, (i) Styrene, (j) a-Methyl Styrene, (k) n-Butylbenzene, (l) Fulorobenzene, (m) 2-Methylfuran.

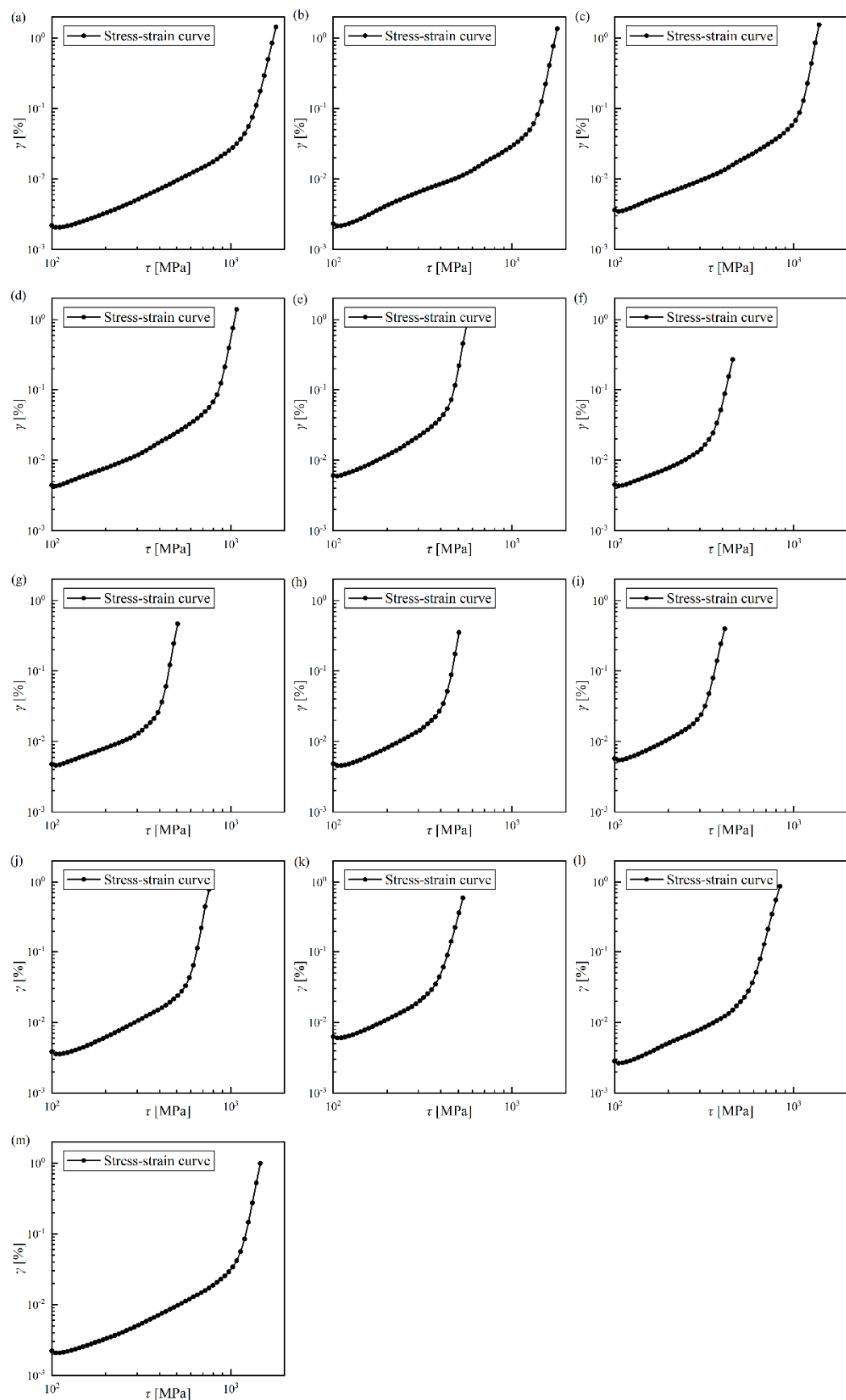


Figure S3. Stress-strain curve obtained by rheological measurements of prepared gels with 1.0 wt% of 12HSA with various solvents: (a) Hexane, (b) Heptane, (c) Octane, (d) Nonane, (e) Decane, (f) o-Xylene, (g) m-Xylene, (h) p-Xylene, (i) Styrene, (j) a-Methyl Styrene, (k) n-Butylbenzene, (l) Fulorobenzene, (m) 2-Methylfuran.

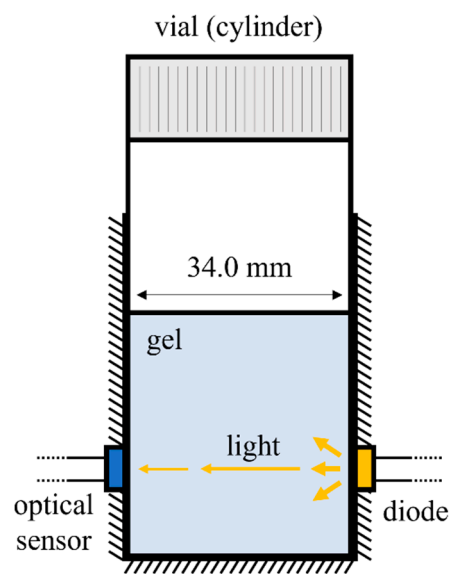


Figure S4. Schematic diagram of light transmittance measurement using diode and optical sensor.