

High-sensitive Mechanochromic Photonic Gel toward Fast-responsive Fingerprinting

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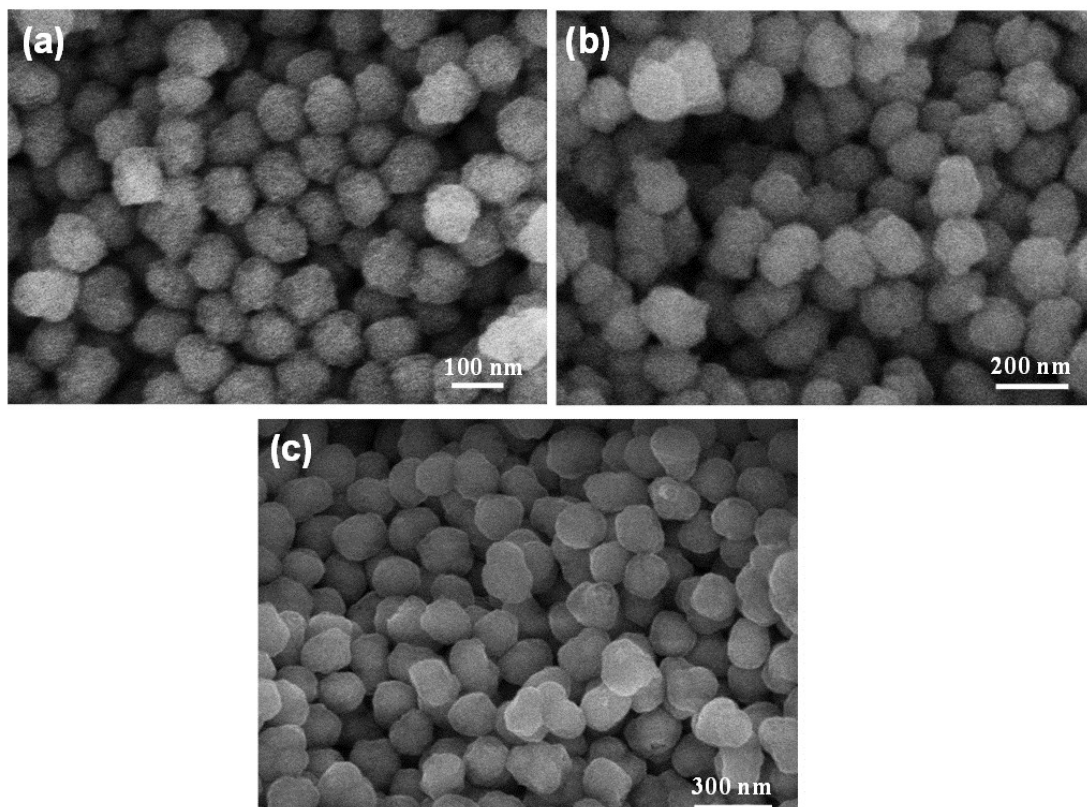


Fig. S1. SEM images of carbon-encapsulated Fe_3O_4 nanoparticles with average diameter of ~ 90 nm, 140 nm and 180 nm.

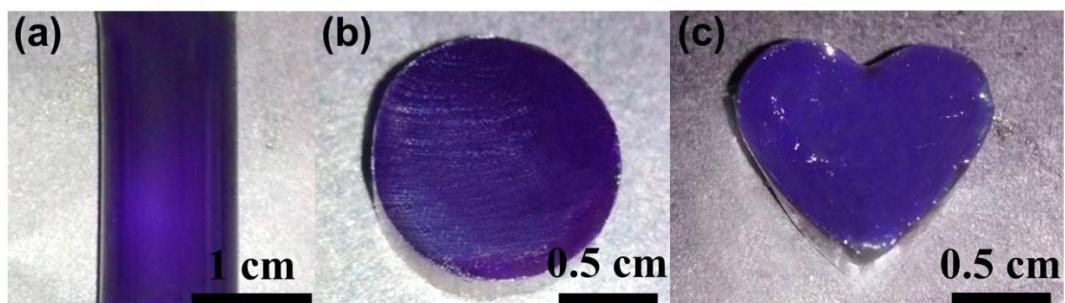


Fig. S2. cylindrical (a), sliced (b) and heart-shaped (c) photonic gels.

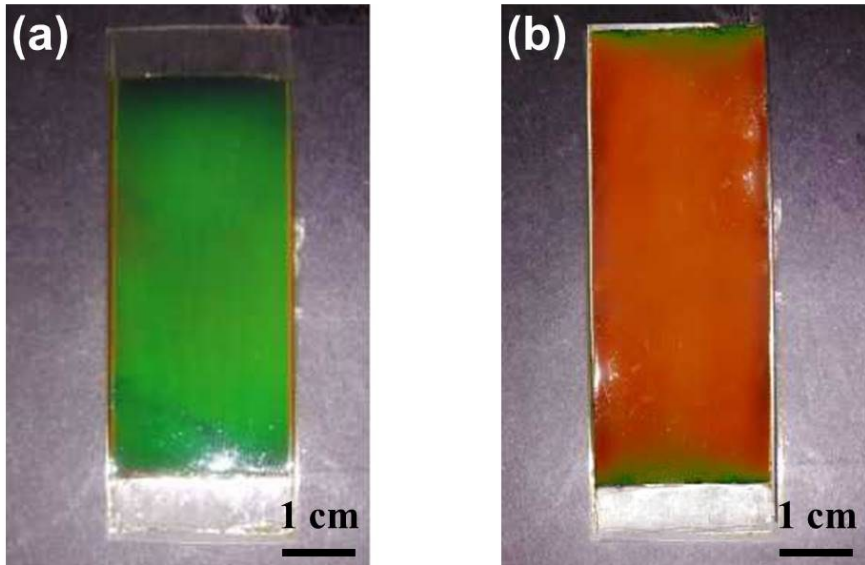


Fig. S3. Photographs of green (a), and red (b) photonic gel films on plastic substrate.



Fig. S4. Bendable green photonic gel film

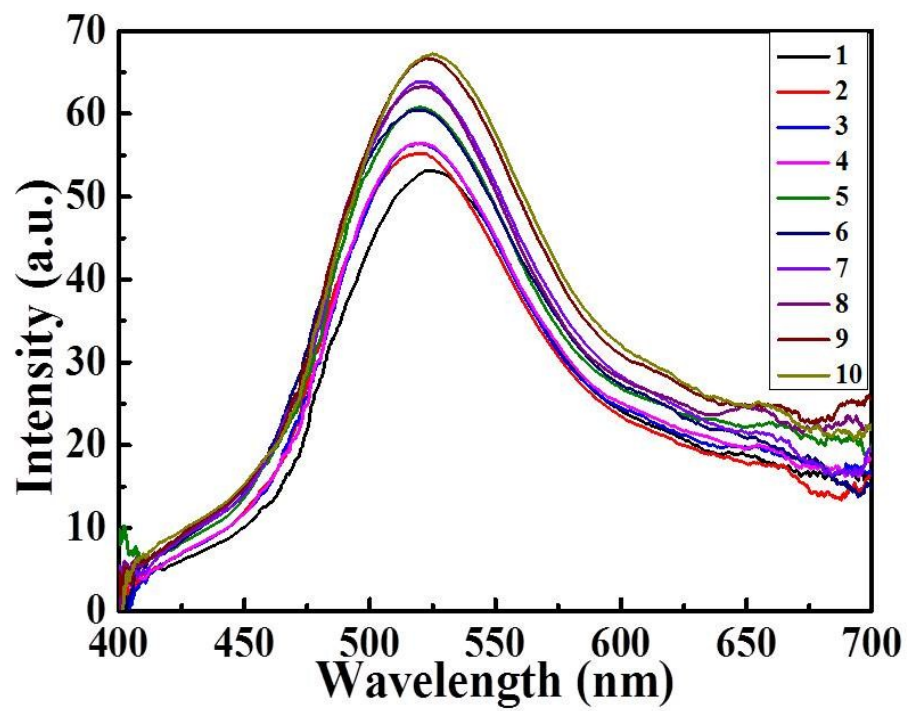


Fig. S5. Reflection spectra of 10 casual points on the green gel film.