Highly Stable Electrical Manipulation of Reflective Colors in Colloidal Crystals of Sulfate Iron Oxide Particles in Organic Media

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Figure S1. X-ray diffraction pattern of carbon-coated iron oxide (Fe\textsubscript{3}O\textsubscript{4}) nanoparticles.
Figure S2. Highly concentrated suspension of sulfate iron oxide nanoparticles in propylene carbonate (18, 19 wt%) show reflective colors with shorter wavelengths under same external electric field.

Figure S3. The photographic images of reflected color of colloidal crystals of (a) carbon-coated iron oxide nanoparticles and (b) sulfate carbon-coated iron oxide nanoparticles under electric field ranging from 0 to 4V.