

Supplementary Information

Nanocomposites of Fe(II)-based metallo-supramolecular polymer and a layered inorganic–organic hybrid for improved electrochromic materials

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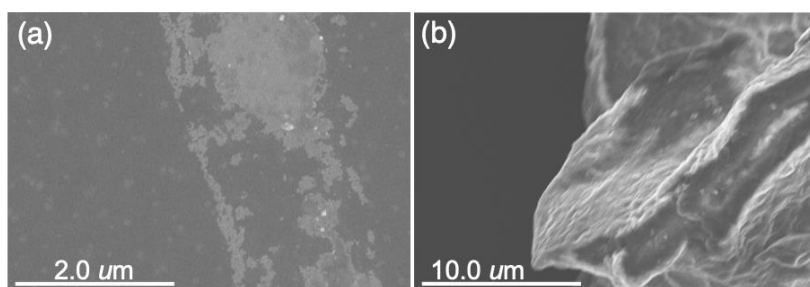


Figure S1. SEM images of polyFe.

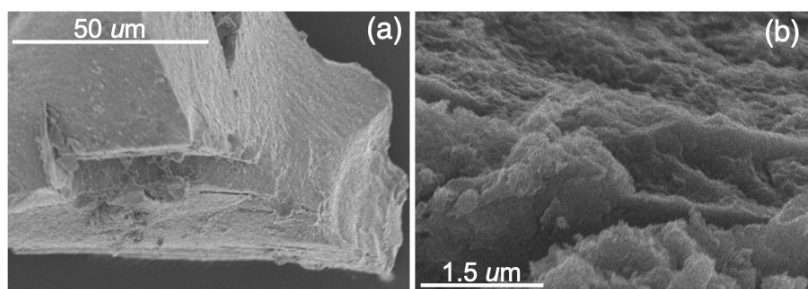


Figure S2. SEM images of layered inorganic-imidazoline covalently bonded hybrid (LIIIm).

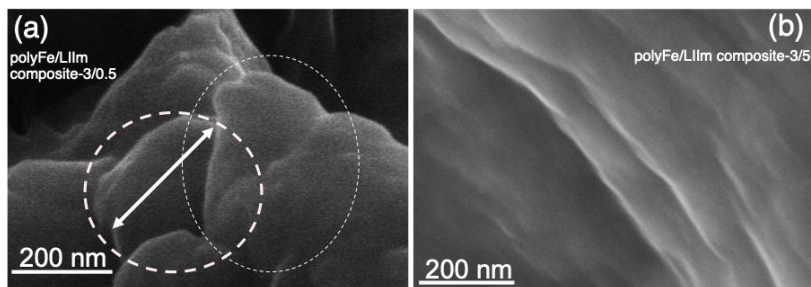


Figure S3. SEM images of polyFe/LIIm composites (a) 3/0.5 and (b) 3/5. Some particles and the size are marked with dot circles and a double arrow.

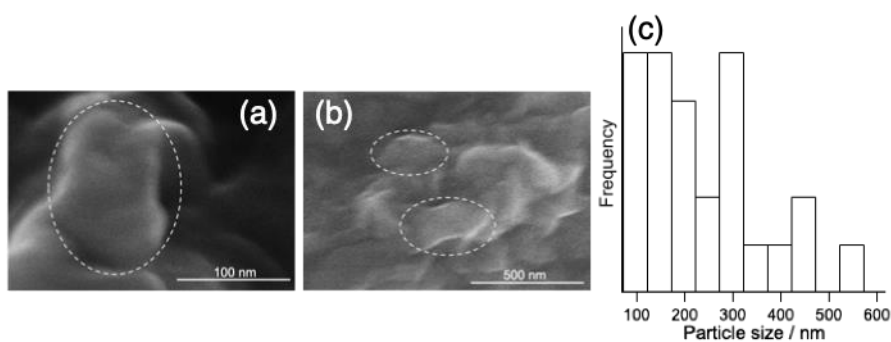


Figure S4. (a, b) SEM images of polyFe/LIIm composite-3/1 with different magnifications (some particles are marked with dot circles) and (c) a histogram in the particle size. The average particle sizes in polyFe/LIIm composites-3/0.5, -3/1 and -3/5 were determined using the observable particles, because the particles were heavily stacked and overlapped to form aggregates.

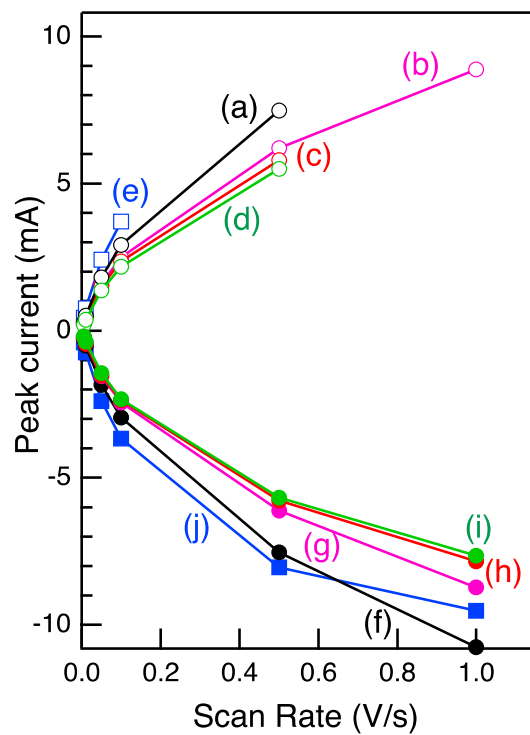


Figure S5. CV plots of the oxidation (a–e) and reduction (f–j) current as a function of the scan rates for polyFe/LIIm composites (a and f) 3/0.1, (b and g) 3/0.5, (c and h) 3/1, and (d and i) 3/5 and (e and j) reference polyFe films casted on ITO glass.