Multifunctional and self-healable conductive IPN hydrogels functionalized with reduced magnetite graphene oxide for advanced flexible all in one solid state supercapacitor

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Figure S1. FTIR spectra of rMGO-GG/PVA-b, rMGO-GG and pure rMGO
Figure S2. XRD analysis and pattern of a) GO, b) rMGO, c) GG-PVA-b and d) rMGO-GG/PVA-b
Figure S3. SEM images of GG-PVA (a and b at 50 and 10 μm) while rMGO-GG/PVA-b2 (c, d and e at 50 μm) and f) rMGO at 50 μm resolution.