Electronic Supplementary Material (ESI) for New Journal of Chemistry. This journal is © The Royal Society of Chemistry and the Centre National de la Recherche Scientifique 2022

Supporting Information

Recycling diapers' waste for the fabrication of flexible supercapacitors and

the role of the lead ferrite (PbFe₁₁CrO₁₉) to enhance their capacitance

Ricardo Mendoza-Jiménez, Jorge Oliva, Arturo Isaias Mtz-Enriquez, Vicente Rodriguez-Gonzalez and Sergio Diaz-Castañon

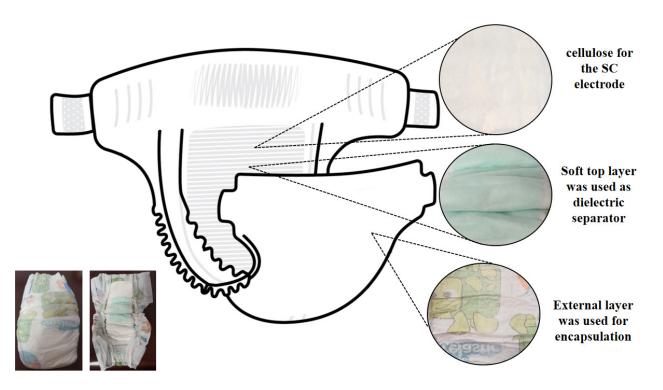


Figure S1. Schematic illustration of the diaper showing the parts taken to construct the solid state supercapacitor.

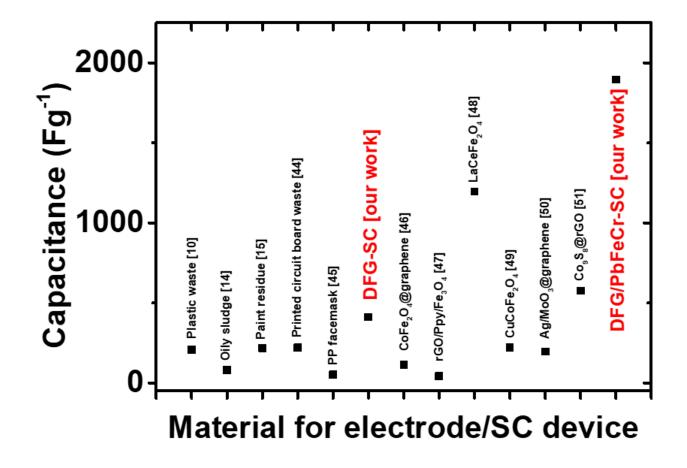


Figure S2. Specific Capacitances for materials previously reported.

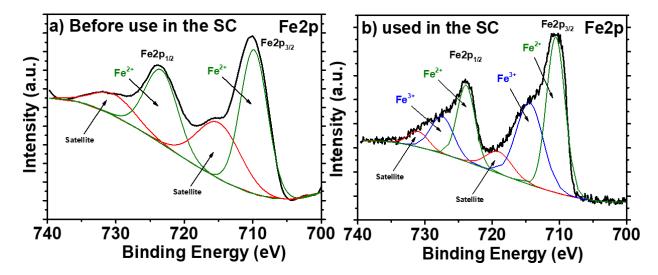


Figure S3. XPS spectra (Fe2p orbital) for the DFG/PbFeCr electrode a) before and b) after its use in the SC.