

Supporting information

Novel Construction of Carbon Nanofiber/CuCrO₂ Composite for Selective Determination of 4-Nitrophenol in Environmental Samples and Supercapacitor Applications

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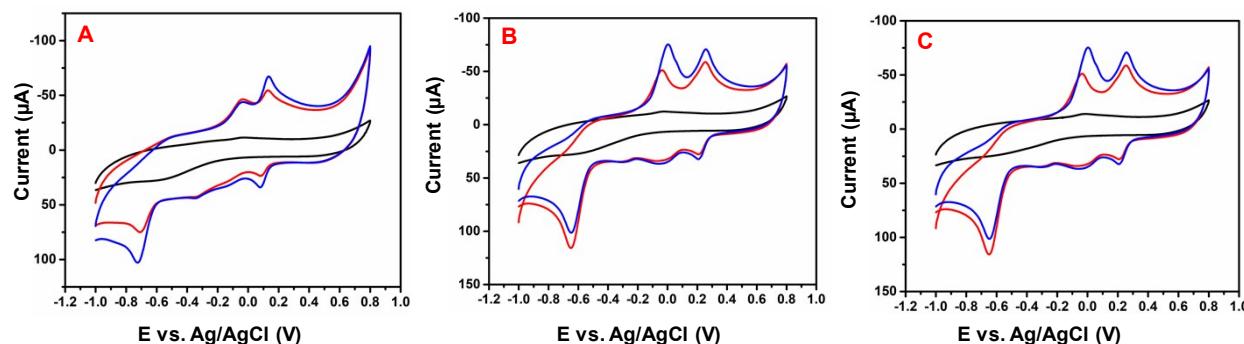
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S Figure 1. 4-NP real sample analysis of tap water (A), industrial waste water (B) and River water (C) over the GCE/CNF/CuCrO₂ electrode.

S. Table 1. Comparison of the specific capacitance values of different oxide systems.

S. No	Electrode materials	Specific capacitance (Fg ⁻¹)	Current density (Ag ⁻¹) or Scan rate	Electrolyte	Reference

1	CNF/CuCrO ₂	159	5	1M KOH	This work
2	CuO	158	5 mVs ⁻¹	1M Na ₂ SO ₄	1
3	TiO ₂ NR	85	5 mVs ⁻¹	1 M Na ₂ SO ₄	2
4	MgO–MWCNT/AC	66	2.2 A g ⁻¹	1 M LiPF ₆ /DMC	3
5	SnO ₂ –RuO ₂ composite	150 F g ⁻¹	0.005 A g ⁻¹	0.5 M H ₂ SO ₄	4

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