

Accepted Manuscript

Title: Efficient construction and enhanced capacitive properties of interfacial polymerized polyaniline nanofibers with the assistance of isopropanol in aqueous phase

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PII: S0013-4686(17)32160-6
DOI: <https://doi.org/10.1016/j.electacta.2017.10.062>
Reference: EA 30448

To appear in: *Electrochimica Acta*

Received date: 18-8-2017
Revised date: 9-10-2017
Accepted date: 9-10-2017

Please cite this article as: Dandan Jin, Yi Zhou, Tao Li, Shuo Hu, Yueying Shen, Youwei Zhang, Zongyi Qin, Efficient construction and enhanced capacitive properties of interfacial polymerized polyaniline nanofibers with the assistance of isopropanol in aqueous phase, *Electrochimica Acta* <https://doi.org/10.1016/j.electacta.2017.10.062>

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Efficient construction and enhanced capacitive properties of interfacial polymerized polyaniline nanofibers with the assistance of isopropanol in aqueous phase

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Highlights

- Controlling the construction of polyaniline (PANI) chains in interfacial polymerization by introducing isopropanol (IPA) as a co-solvent into aqueous phase;
- Discussing the influence of the IPA content on morphology and nanostructure of PANI products;
- Achieving a great enhancement on the capacitive properties of PANI nanofibers in the presence of a small amount of IPA.

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