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TITLE

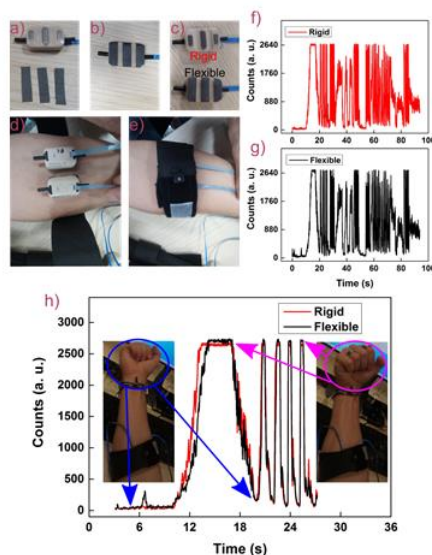
Process For The Preparation Of Graphene Dispersions

INVENTORS

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DESCRIPTION

The invention relates to the field of foldable conductive biomaterials suitable to be employed in several flexible electronic devices. In particular, the aim of the invention is to provide a fast, green and easy scalable method to produce a versatile, flexible, robust, low cost and easily disposable fibrous bio-composite which can be employed for different applications, from electromagnetic interference (EMI) shielding to electrodes for electromyography (EMG) and finally to foldable and wearable electronics.



APPLICATIONS

Electrodiagnostic medicine electrodes, Electromagnetic Interference Shielding; Electromyography; Wearable Electronics;

KEYWORDS

Cellulose acetate nanocomposite, graphene nanoplatelets, conductive ink, ethanol-acetic anhydride blend, THz shielding

BIBLIOGRAPHIC DATA

Process For The Preparation Of Graphene Dispersions

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