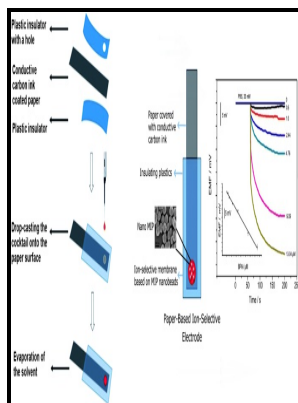


# Development of epoxy based voltammetric and ion-selective electrodes

## - - An analogy of an ion



Description: -

-Development of epoxy based voltammetric and ion-selective electrodes

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Tags: #Voltammetric #differentiation #of #ascorbic #acid #and #dopamine #at #an #electrochemically #treated #graphite/epoxy #electrode

## British Library EThOS: Development of epoxy

The electrodes are classified by the membrane material. Materials Chemistry and Physics 2009, 116 2-3 , 557-562.

## An analogy of an ion

Selective Detection of Dopamine and Uric Acid.

## British Library EThOS: Development of epoxy

Chaney, Gopinath Bhimarasetti, John M. Sensors and Actuators B: Chemical 2003, 94 1 , 73-80. Journal of Electroanalytical Chemistry 2004, 573 2 , 203-214.

## Cyclic voltammetry and impedance spectroscopy analysis for graphene

Oxidation of dopamine and 4-methylcatechol at carbon fiber disk electrodes. Analytical Chemistry 1992, 64 4 , 444-448. Also, scanning electron microscopy SEM was carried out to acquire information concerning the morphology of the composite electrode.

## EpoxyâGraphite Tube Bulk

Analytical Chemistry 1983, 55 9 , 1591-1595. Journal of Electroanalytical Chemistry 1996, 407 1-2 , 183-187. Effect of pH and Surface Functionalities on the Cyclic Voltammetric Responses of Carbon-Fiber Microelectrodes.

## Ion

Three different types of sulphide ion-selective electrode have been prepared and have been evaluated in standard solutions. Nowadays, her

research focuses on the design and fabrication of screen-printed electrodes for electroanalytical determinations. Preparation of poly 9-aminoacridine -modified electrode and its application in the determination of dopamine and ascorbic acid simultaneously.

### **Cyclic voltammetry and impedance spectroscopy analysis for graphene**

Direct Functionalization of Nanodiamond Particles Using Dopamine Derivatives.

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