

Chemically modified electrodes based on noble metals, polymer films, or their composites in organic voltammetry

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Abstract

The review deals with the current state of and prospects for the use of electrodes modified with noble metals, polymer films, or composites on their basis, which yield catalytic response in voltammetry. Techniques of applying noble metals, polymer films, or their composites to a conducting support are considered. The catalytic properties of immobilized redox mediators and the analytical, operating, and performance characteristics of this type of modified electrodes are compared. © 2008 MAIK Nauka.

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