



SEMINAR

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Kolar's lecture hall

Polyaniline as material for molecular imprinting sensing applications.

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ABSTRACT

Polyaniline is a conductive polymer, widely used in devices, as supercapacitors, batteries and, sensors. It exists in various forms, regarding oxidation/reduction states, which makes it the most tunable member of the conductive polymer. Using a conductive polymer as a base material for creating molecularly imprinted polymer (synthetic polymers with specific imprinted sites for achieving high selectivity for target molecules) for sensing applications, presents an alternative way for electrochemical detection of electrochemically non-active molecules.

Kindly invited.