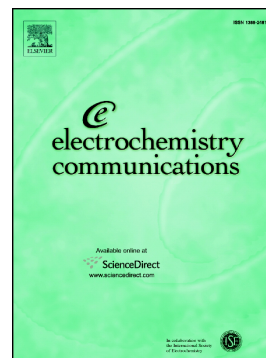


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Nanostructured photoactivatable electrode surface based on pyrene diazirine

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ABSTRACT

An original versatile methodology for molecular grafting on different surfaces via the photoinduced formation of a covalent bond based on a diazirine group is reported. The synthesis and electrochemical behavior of a new diazirine derivative which acts as a molecular linking bridge bearing both a photoactivatable covalent binding group (diazirine) and a non-covalent binding group (pyrene) is described. The resulting pyrene-diazirine was

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