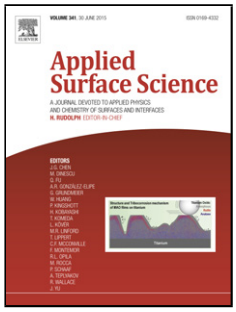

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Simulation Insight into the Cytochrome c Adsorption on Graphene and Graphene Oxide Surfaces

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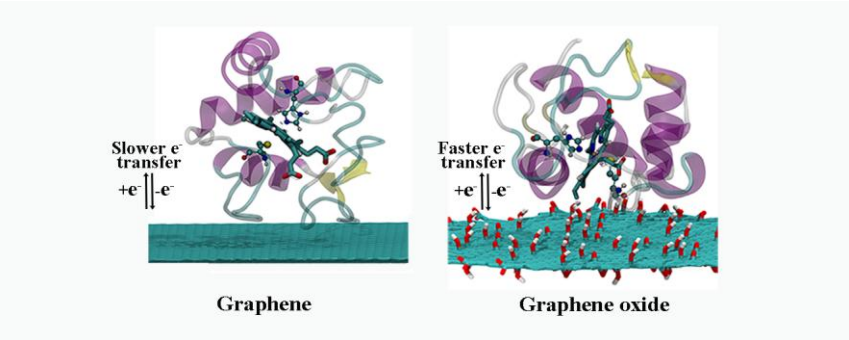
Graphical abstracts



Favorable adsorption orientation of Cyt c onto graphene oxide surface for ET than that on graphene surface is observed by molecular simulation. This result presents the ET mechanism of Cyt c with graphene-based materials, and further improve and optimize the efficiency of bionic electronic devices.