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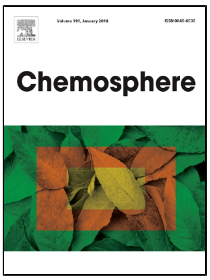


*In vitro* assessment of the toxicity of lead ($Pb^{2+}$) to phycocyanin

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1.Toxicity of Pb2+ to phycocyanin is assessed in vitro.
2.Fluorescence quenching process of phycocyanin by Pb2+ is static.
3.Pb2+ affect the Trp residues more than the Tyr residues.
4.Pb2+ affect the phycocyanin skeleton and its secondary structure.