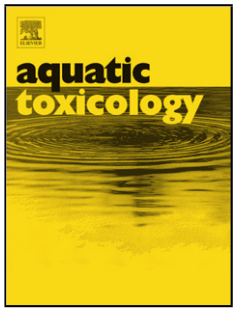

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Cell damage and apoptosis in the hepatopancreas of *Eriocheir sinensis* induced by cadmium

Running Head: Cell damage of *Eriocheir sinensis*

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Highlights

► Cadmium can induce apoptosis in the hepatopancreas of *Eriocheir sinensis*.

►The membrane structure of the hepatopancreas was seriously influenced by Cd^{2+}.

►Cd^{2+} displayed significant increases in caspase-3, 8, 9 activities.