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Ecological risk assessment of microcystin-LR in the upstream section of the Haihe River based on a species sensitivity distribution model

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- The PNEC value of MC-LR in fresh water was determined based on an SSD model.
- The concentrations of MC-LR were obviously higher in summer than in spring.
- The ecological risk level of MC-LR in the studied area was medium or high.
- The ecological risks of MC-LR in many typical waters worldwide were evaluated.

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