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Title: StartWaste biomass adsorbents for copper removal from industrial wastewater–A review

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HIGHLIGHTS

The present study highlights:

- Copper removal through bioadsorbents is most attractive and low cost treatment option,
- Agricultural, microbial, fungal and forest biomasses as potential bioadsorbents,
- The need to switch batch to fixed columns studies for field applications,
- The importance of understanding the surface chemistry of novel bioadsorbents,
- The requirements of low cost and suitable chemical modifications of novel adsorbents.

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