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Multiparameter analysis of activated sludge inhibition by nickel, cadmium, and cobalt.

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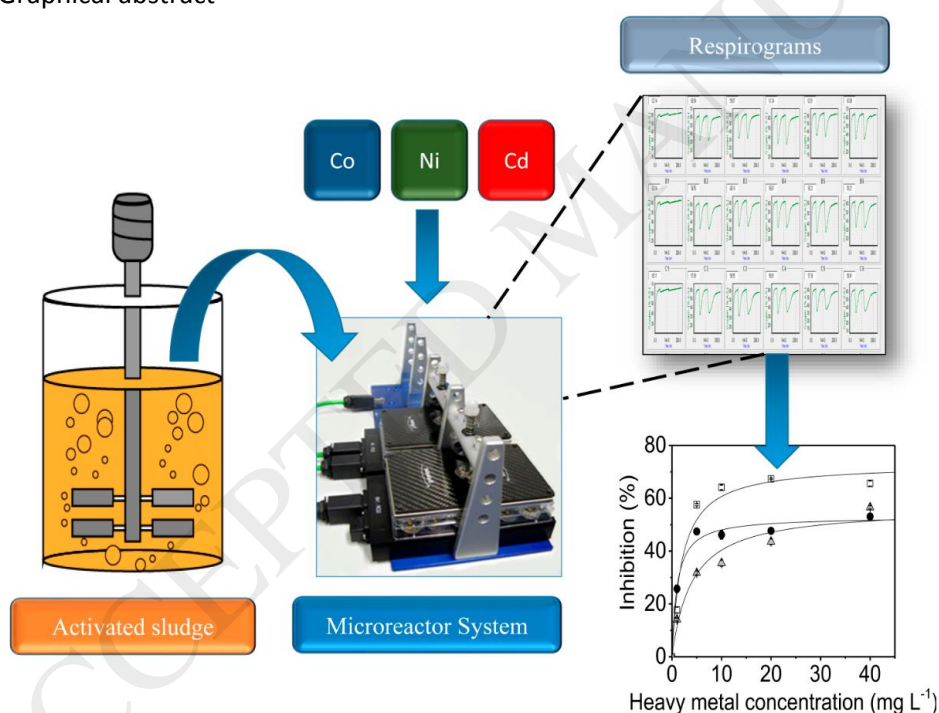
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Graphical abstract



Highlights

- Activated sludge inhibition by Ni, Cd, and Co was quantified by microrespirometry.
- Several kinetic and stoichiometric parameters were determined.
- Heavy metals showed a complex uncompetitive inhibition.
- Inhibition depended on the inhibitor, substrate, and biomass concentrations.
- Inhibition also depended on the exposure time.

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