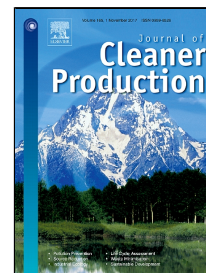


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Modeling and simulation of the industrial sequencing batch reactor wastewater treatment process for cleaner production in pulp and paper mills

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Highlights

1. An industrial SBR simulation model for paper mills was developed.
2. Sludge characteristic parameters were estimated and corrected with temperature.
3. Four COD fractions of the wastewater in paper mill were determined.
4. Simulated results with the field data could predict well the actual effluent COD.

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