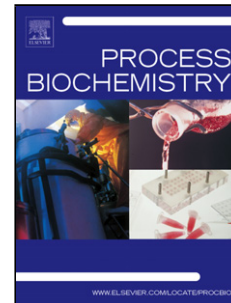


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**Improvement of pectinase, xylanase and cellulase activities by ultrasound: effects
on enzymes and substrates, kinetics and thermodynamic parameters**

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