

PUBLICACIONES TESIS

ARTÍCULOS DE REVISTA

- Biobleaching of high quality pulps with laccase mediator system: Influence of treatment time and oxygen supply. *Holzsforschung*. En preparación.
- Effect of process parameters on laccase mediator system delignification of flax pulp. *Applied Catalysis B Environmental*. En preparación.
- Process modeling of laccase mediator system in flax pulp biobleaching. *Biomass and Bioenergy*. En preparación.
- Application of an experimental design to modeling the laccase mediator system in biobleaching of flax pulp. *Biochemical Engineering Journal*. En preparación.
- Optimization of laccase mediator system in producing biobleached flax pulp. *Environmental Science and Technology*. En preparación.
- Impact of flax pulp biobleaching by laccase mediator system on effluents properties. *Process Biochemistry*. En preparación.
- Impact on pulp and effluents properties of different commercial xylanases applied at high temperature and pH in eucalyptus pulp bleaching. *Wood Science and Technology*. En preparación.
- Influence of black liquor and pH on xylanase efficiency in bleaching of eucalyptus kraft pulp. *Journal of Chemical Technology*. En preparación.
- Integrating xylanase treatment into an industrial-type sequence for bleaching of eucalyptus kraft pulp. *Journal of Wood Chemistry*. En preparación.

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- Fillat,U., Vidal,T., Roncero,M.B. (2007). Application of an experimental design to modeling the laccase mediator stage in bleaching of flax pulp. *10th International Congress on Biotechnology in the Pulp and Paper Industry. Integrating biology with processes: Abstracts* 119.

- Fillat,U., Vidal,T., Roncero,M.B. (2008). Optimization of process parameters in laccase mediator stage in TCF bleaching of flax pulp. *First European workshop on biotechnology for lignocellulose biorefineries: Abstracts* 50.
- Fillat,U., Sacón,V.M., Bassa,A. (2008). Influence of xylanase application in pulp bleaching in Jacarei mill (Votorantim Celulose e Papel). *First European workshop on biotechnology for lignocellulose biorefineries: Abstracts* 59.
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