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AFORE peer-reviewed publications

Domingues, R.M.A., Sousa, G.D.A., Silva, C.M.S., Freire, C.S.R., Silvestre, A. J. D. and Pascoal Neto, C. 2010. High Value Triterpenic Compounds from the outer barks of several Eucalyptus species cultivated in Brazil and in Portugal, *Ind. Crops Prod.*, 33(1), pp. 158-164. [doi:10.1016/j.indcrop.2010.10.006](https://doi.org/10.1016/j.indcrop.2010.10.006)

Domingues, R.M.A., Sousa, G.D.A., Freire, C.S.R., Silvestre, A. J. D. and Pascoal Neto, C. 2011. *Eucalyptus globulus* biomass residues from pulping industry as a sources of high value triterpenic compounds, *Ind. Crops Prod.*, 31(1), pp. 65-70. [doi:10.1016/j.indcrop.2009.09.002](https://doi.org/10.1016/j.indcrop.2009.09.002)

Oliveira, E.L.G., Silvestre, A.J.D., Silva, C.M. 2011. Review of kinetic models for supercritical fluid extraction. *Chem. Eng. Res. Des.*, 89, pp. 1104-1117.

Passos, C.P., Coimbra, M.A., Da Silva, F.A., Silva, C.M. 2011. Modelling the Supercritical Fluid Extraction of Edible Oils and Analysis of the Effect of Enzymatic Pre-treatments of Seed upon Model Parameters. *Chem. Eng. Res. Des.*, 89, pp. 1118-1125.

Rahikainen J., Mikander S., Marjamaa K., Tamminen T., Lappas A., Viikari L., Kruus K. , 2011. Inhibition of enzymatic hydrolysis by residual lignins from softwood – study of enzyme binding and inactivation on lignin-rich surface, *Biotechnol. Bioeng.*, in press.

Sousa, A.F., Gandini, A., Silvestre, A.J.D., Pascoal Neto, C., Cruz Pinto, J. J. C., Eckerman, C., Holmbom, B. 2011. Novel suberin-based biopolyesters: from synthesis to properties. *Journal of Polymer Science Part A – Polymer Chemistry* 49(10), 2281-2291. <http://onlinelibrary.wiley.com/doi/10.1002/pola.24661/full>