

Liste des publications avec comité de lecture Refereed Publications

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Haelssig J, Tremblay AY and Thibault J. Technical and Economic Considerations for Various Recovery Schemes in Ethanol Production by Fermentation. Ind. Eng. Chem. Res. (Manuscript ie0715005 accepted for publication – May 30 2007).

Renaud J, Thibault J, Lanouette R, Kiss LN, Zaras K and Fonteix C. Comparison of Two Multicriteria Methods : Net Flow and Rough Set Methods for Aid to Decision in a High Yield Pulpig Process. EJOR 177, 1418-1432 (2007).

Kirney J, Thibault J, Kruczek B and Plumpton A. Thermal Management of Aluminium Cell Bath Crust, Experimental Heat Transfer, 20, 3, 229-249 (2007).

Brault, J-M, Medellin Milan P, Picon Nunez M, E;-Halwagi M, Heitmann, Thibault J and Stuart P. "Web-Based Teaching of Open-Ended Multidisciplinary Engineering Design Problems", Trans IChemE, Part D, Education for Chemical Engineers, 2:1-13 (2007).

Jones R, Tezel FH, Thibault J and Tolan J. "Bio-Ethanol Production to be Blended with Gasoline: Improvements in Energy Use by Adsorption", International Journal of Energy Research, 31, 1517-1531 (2007).

Choy V, Patel N and Thibault J, "Blood glucose monitor: an alternative off-line method to measure glucose concentration during fermentations with *Trichoderma reesei*", Biotechnology Letters, 21, 7, 1075-1080 (2007).

Bai S, McLean DD and Thibault J, "Autoassociative Neural Networks for Robust Dynamic Data Reconciliation", AIChE, 53, 2, 438-448 (2007).

Lecault V, Patel N and Thibault J, "Morphological Characterization and Viability Assessment of *Trichoderma reesei* by Image Analysis", Biotechnology Progress, 23, 734-740 (2007).

Bai S, McLean DD and Thibault J, "Simultaneous Measurement Bias Correction and Dynamic Data Reconciliation", Can. J. Chem Eng., 85, 111-117 (2007).

Lin Y, Zhang Z and Thibault J, "*Aureobasidium pullulans* batch cultivations based on a factorial design for improving the production and molecular weight of exopolysaccharides", Process Biochemistry, 42, 820-827 (2007).

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Halsall-Whitney H and Thibault J. 'Multi-Objective Optimization for Chemical Processes and Controller Design: Approximating and Classifying the Pareto Domain, Computers Chem. Eng. 30, 1155-1168 (2006).

Bai S, Thibault J and McLean DD Dynamic Data Reconciliation: Alternative to Kalman Filter. J. Process Control 16, 485-498 (2006).

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Jimenez-Marquez S, Thibault J, and Lacroix C. Prediction of commercial cheese moisture using neural network. Intern. Dairy J., 15, 1156-1174 (2005).

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