

## Laboratoire industries agroalimentaires

**2012**

**Boussard A., Cordella C.B.Y., Rakotozafy L., Moulin G., Buche F., Potus J., and Nicolas J.** (2012) Use of chemometric tools to estimate the effects of the addition of yeast, glucose-oxidase, soybean or horse bean flours to wheat flour on biochemical bread dough characteristics. *Chemometrics and Intelligent Laboratory Systems*, 113, 68-77.

**Louarme L. and Billaud C.** (2012) Evaluation of ascorbic acid and sugar degradation products during fruit dessert processing under conventional or ohmic heating treatment. *LWT- Food Science and Technology*, 49 (2), 184-187.

Turk M.F., **Billaud C.**, Vorobiev E. and Baron A. (2012) Continuous pulsed electric field treatment of French cider apple and juice expression on the pilot scale belt press. *Innovative Food Science and Emerging Technologies*, 14, 61–69.

Decamps K., Joye I.J., Haltrich D., **Nicolas J.**, Courtin C.M. and Delcour J.A. (2012) Biochemical characteristics of Trametes multicolor pyranose oxidase and Aspergillus niger glucose oxidase and implications for their functionality in wheat flour dough. *Food Chemistry*, 131, 1485-1492.

**Buche F., Moulin G., Davidou S., Néron S., Laplume F., Pommet M., Nicolas J., and Potus J.**(2012) Retour sur l'oxygène, un ingrédient méconnu de la pâte à pain, *Industries des Céréales*, 179, 9-16.

Nguyen N., Fargues C., Lewandowska R., **Guiga W.**, Lameloise M.L. Assessing nanofiltration and reverse osmosis for the detoxification of fermentable solutions, *Procedia Engineering*, 44, 1476-1478. Proceedings of Euromembrane Conference 2012, 23-27 septembre 2012, London, UK.

Aka J-P., Courtois F., **Louarme L., Nicolas J.** and **Billaud C.** Modelling the reactions between free phenols, vitamin C, apple PPO and O<sub>2</sub> during thermal treatment. Poster présenté à EFFOST, 20-23 novembre 2012, Montpellier, France.

<https://iaa.cnam.fr/recherche/production-scientifique/2012-408962.kjsp?RH=biocorechpubli>