

2016

Nguyen P.-M., **Guiga W.**, & Vitrac O. (2016). Molecular thermodynamics for food science and engineering. *Food Research International*, 88, Part A, 91-104.

Garcia R., Boussard A., Rakotozafy L., Nicolas J., Potus J., Rutledge D. N., Cordella C. B. Y. (2016). 3D-front-face fluorescence spectroscopy and independent components analysis: A new way to monitor bread dough development, *Talanta*, 147, 307-314.

Nguyen D. T. N. N., Lameloise M. L., **Guiga W.**, Lewandowski R., Bouix M., & Fargues C. (2016). Optimization and modeling of dianoanofiltration process for the detoxification of ligno-cellulosic hydrolysates - Study at pre-industrial scale. *Journal of Membrane Science*, 512, 111-121.

Coletta C., Cui Z., Dazzi A., Guigner J.-M., **Néron S.**, Marignier J.-L., Remita S. (2016). A pulsed electron beam synthesis of PEDOT conducting polymers by using sulfate radicals as oxidizing. *Radiation Physics and Chemistry*, 126, 21-31.

Degrand L., Michon C., Bosc V. (2016). New insights into the study of the destabilization of oil-in-water emulsions with dextran sulfate provided by the use of light scattering methods. *Food Hydrocolloids*, 52, 848-856.

Azagoh C., Ducept F., **Garcia R., Rakotozafy L.**, Cuvelier M.-E., Keller S., Lewandowski R., Mezdoor S. (2016). Extraction and physicochemical characterization of *Tenebrio molitor* proteins. *Food Research International*, 88, 24-31.

Boussard A., Garcia R., Nicolas J., Rakotozafy L., Potus J., Rutledge D.N., Cordella C.B.Y. (2016). Spectroscopie de Fluorescence Frontale et Analyse en Composantes Indépendantes : une nouvelle façon de suivre la structuration de la pâte à pain. Poster présenté à *Chimiométrie XVII*, 19-20 janv. 2016, Namur, Belgique.

Garcia R., Espina-Sanahuja V., Hiolle M., Boussard A., Billaud C. (2016). Proteases as tools to generate pea protein hydrolysates with interesting antioxidant and functional properties. Poster présenté à *First Food Chemistry Conference*, 30 oct.-1er nov. 2016, Amsterdam, Pays Bas.

Nguyen M., **Guiga W.**, Vitrac O. (2016). Prediction of partition coefficients between polymers and/or food simulants: from atomistic simulations to practical estimates. Poster présenté au *6th International Symposium on Food Packaging : Scientific Developments Supporting Safety and Innovation*, 16-18 nov. 2016, Barcelona, Espagne.

Cuvelier M.-E., **Boussard A.**, Keller S., Roux S. (2016). How to study the Fenton reaction in apolar media? Poster présenté au *14th Euro Fed Lipid Congress*, 18-21 sept. 2016, Gand, Belgique.

Dupoiron S., Rakotoarivonina H., **Pommet M.**, Lameloise M.-L., Rémond C. (2016). Enzymatic hydrolysis of wheat bran and separation of the ferulic acid fraction from the carbohydrate fraction. Poster présenté au *12th International Conference on Renewable Resources and Biorefineries*, 30-31 Mai-1er juin 2016, Amsterdam, Pays Bas.

Dupoiron S., Bedu M., **Pommet M.**, Lewandowski R., Allais F., Teixeira A., Lameloise M.-L., Rémond C., Rakotoarivonina H. (2016). Déconstruction raisonnée des hémicelluloses du son de blé et purification des fractions fonctionnelles. Journées Jeunes Chercheurs Condorcet, 19-20 jan. 2016, Reims, France. Communication orale.

