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2017

Dewaest M., Villemejane C., Berland S., **Néron S.**, Clément J., Verel A. and Michon C. (2017). Effect of crumb cellular structure characterized by image analysis on cake softness. *J Texture Stud*, 00, 1-11.

Nguyen P.-M., **Guiga W.**, Dkhissi A., & Vitrac O. (2017). Off-Lattice Flory–Huggins Approximations for the Tailored Calculation of Activity Coefficients of Organic Solutes in Random and Block Copolymers.*Industrial & Engineering Chemistry Research*, 56(3), 774-787.

Nguyen M., **Guiga W.**, Vitrac O. (2017). Prediction of partition coefficients between polymers and food simulants: from atomistic simulations to practical estimates. Poster présenté au *4th international meeting on Material/Bioproduct interaction (MATBIM),* 26-28 april 2017, Porto, Portugal.

Vitrac O., Zhu Y., Nguyen M., **Guiga W.**, Julien J.-M. (2017). The future of migration modeling: from molecular modeling to safe-by-design approaches. Conference paper - *4th international meeting on Material/Bioproduct interaction (MATBIM),* 26-28 april 2017, Porto, Portugal.

Dupoiron S., Lameloise M.-L., **Pommet M.**, Bennaceur O., Lewandowski R., Allais F., Teixeira A.R.S., Rémond C., Rakotoarivonina H. (2017). A novel and integrative process: From enzymatic fractionation of wheat bran with a hemicellulasic cocktail to the recovery of ferulic acid by weak anion exchange resin. *Industrial Crops & Products*, 105, 148-155.

Vitrac O., Nguyen M., Julien J.-M., **Guiga W.**(2017). La conception d'emballages sûrs est à portée de main. *Colloque Carrefours de l'innovation agronomique – Alimentation (12e édition) Emballages alimentaires : innover pour la sécurité et la durabilité.*8 juin 2017, Paris, France. Communication orale.

Cuvelier M.E., **Boussard A.**, Keller S., Golitin L., Roux S. (2017). Kinetic modelling of hydroperoxide degradation amplified by Fenton reactions in a model of edible oils. Poster présenté à *EFF2017 - Engineering Future Food*. 28-31 may 2017, Milan, Italie.

Vitrac O., Lyathaud C., Domenek S., Julien J.M., **Guiga W.**, Sauvegrain P., Vincelot T., Ducruet V., Loriot C., Lebossé R. (2017). SafeMat: The first technological and research unit devoted to safe-by-design materials for contact with food and bioproducts. Poster présenté au 4th International meeting on Material/Bioproduct interaction. 26-28 avril 2017, Porto, Portugal.

https://iaa.cnam.fr/recherche/production-scientifique/2017-886208.kjsp?RH=biochrechpubli