

Hana Maalej

List of selected publications

(as of November 2021)

Maalej, H., Maalej, A., Affes, S., Hmidet, N. & Nasri, M. (2021). A Novel Digestive α -Amylase from Blue Crab (*Portunus segnis*) Viscera: Purification, Biochemical Characterization and Application for the Improvement of Antioxidant Potential of Oat Flour. *International Journal of Molecular Sciences*, 22 (3), 1070.

Affes, S., Aranaz, I., Acosta, N., Heras, Á., Nasri, M. & **Maalej, H.** (2021). Chitosan derivatives-based films as pH-sensitive drug delivery systems with enhanced antioxidant and antibacterial properties. *International Journal of Biological Macromolecules*, 182: 730-742.

Affes, S., Nasri, R., Suming, Li., Thierry, T., Van Der Lee., A., Nasri, M., & **Maalej, H.** (2020). Effect of glucose-induced Maillard reaction on physical, structural and antioxidant properties of chitosan derivatives-based films. *Carbohydrate Polymers*, 117341.

Affes, S., **Maalej, H.**, Aranaz, I., Kchaou, H., Acosta, N., Heras, Á., & Nasri, M. (2020). Controlled size green synthesis of bioactive silver nanoparticles assisted by chitosan and its derivatives and their application in biofilm preparation. *Carbohydrate Polymers*, 116063.

Maalej H., Boisset C., Hmidet, N., Colin-Morel, P., Buon, L. & Nasri, M. (2017). Depolymerization of *Pseudomonas stutzeri* exopolysaccharide upon fermentation as a promising production process of antibacterial compounds. *Food Chemistry*, 227: 22-32.