

DOCTORADO EN CIENCIAS AGROALIMENTARIAS

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Publicaciones (2019 – presente)

1. Valencia, A.L., **Saavedra-Torrico, J.**, Rosales, I.M., Mártiz, J., Retamales, A., Link, A., Gil, P.M. 2022. Unveiling the predisposing factors for the development of branch canker and dieback in avocado: a case of study in chilean orchards. *Horticulturae*, 8: 1121. Q1.
2. Pino, C., Sepúlveda, B., Tapia, F., **Saavedra, J.**, García-González, D.L., Romero, N. 2022. The impact of mild frost occurring at different harvesting times on the volatile and phenolic composition of virgin olive oil. *Antioxidants*, 11: 852. Q1.
3. Henriquez, C., Sarkar, D., Molina, J., Sepúlveda, S., Córdova, A., **Saavedra, J.** 2020. Improving antioxidant and anti-hyperglycemic activity in cereal and apple-based food formulations using bioactive ingredients from apple peel. *Journal of Food Processing and Preservation*, 44: e14609. Q3.
4. Alister, C., Araya, M., Córdova, A., **Saavedra, J.**, Kogan, M. 2020. Humic substances and their relation to pesticide sorption in eight volcanic soils. *Planta Daninha*, 38: 20171636. Q4.
5. Araya-Farias, M., Husson, E., **Saavedra, J.**, Gérard, D., Roulard, R., Gosselin, I., Rakotoarivonina, H., Lambertyn, V., Rémond, C., Sarazin, C. 2019. Wheat Bran Pretreatment by Room Temperature Ionic Liquid-Water Mixture: Optimization of Process Conditions by PLS-Surface Response Design. *Frontiers in Chemistry*, 7: 586. Q2.
6. Córdova, A., **Saavedra, J.**, Mondaca, V., Vidal, J., Astudillo-Castro, C. 2019. Quality assessment and multivariate calibration of 5-hydroxymethylfurfural during a concentration process for clarified apple juice. *Food Control*, 95:106–114. Q1.

Proyectos con financiamiento externo últimos 5 años (adjudicado y/o ejecutado)

1. Effects of deficit irrigation and controlled levels of potassium fertilization on the potential impact of the frost phenomenon on the quality of extra virgin olive oil, Arbequina variety, grown in Coquimbo region.
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