

Guido Evangelista

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(+34) 611717736

Experience

Postdoctoral researcher at the Institute of Environmental Science and Technology (ICTA-UAB)

Universitat Autònoma de Barcelona (UAB)
FEB. 2026 - present

PhD in Environmental Science and Technology

Universitat Autònoma de Barcelona (UAB)
MAY 2022 - FEB. 2026

PhD in Agricultural, Environmental and Food Science and Technology

University of Bologna (Co-tutorship agreement)
MAY 2022 - FEB. 2026

Thesis title:

Nutrient recovery strategies for sustainable urban agriculture in soilless and open-field systems.

Thesis defense: 06/02/2026

Publications

Applying Recovered Nutrients and Pruning Waste to Enrich and Regenerate Agricultural Soils in Urban Agriculture: Effects on Emissions and Yield of Spinach and Sweet Potato

Journal: Agriculture, Ecosystems and Environment

Authors: G. Evangelista, J.D. Arosemena, G. Stringari, J. Romanyà, X. Gabarrell, F. Orsini, G. Villalba; 2026

DOI: doi.org/10.1016/j.agee.2026.110574

Sustainable Resource Optimization for Tomato Cultivation in a Rooftop Greenhouse: an 8-Year Case Study

Journal: Agronomy for Sustainable Development

Authors: G. Evangelista, G. Villalba, F. Orsini, J. Muñoz-Liesa, Verónica Arcas-Pilz, X. Gabarrell; 2026

DOI: [10.1007/s13593-026-01118-6](https://doi.org/10.1007/s13593-026-01118-6)

Soil regeneration and horticulture production with ramial chipped wood (RCW): guidelines for successful yields and environmental sustainability

Journal: Zenodo

Authors: G. Evangelista, E. Untereiner, J.D. Arosemena, J. Romanyà, G. Villalba; 2025

DOI: zenodo.org/records/15736568

Growth analysis of lettuce seedlings adding green or far-red to an optimized red and blue LED light spectrum

Journal: XXXI International Horticultural Congress (IHC2022): International Symposium on Advances in Vertical Farming

Authors: L. Carotti, G. Pennisi, A. Pistillo, **G. Evangelista**, L. Mazzaferro, I. Paucek, G. Gianquinto, F. Orsini; 2022

DOI: [10.17660/ActaHortic.2023.1369.3](https://doi.org/10.17660/ActaHortic.2023.1369.3)

Skills

Life Cycle Assessment (LCA) modeling using SimaPro with ecoinvent database

Statistical and data analysis with R and Python

Laboratory analysis: liquid chromatography, acid digestion and organic compound extraction

Experimental design and management of agriculture research in open-field and greenhouse settings

Supervision and mentoring of Master's, bachelor's, and secondary school students for internship and thesis projects

Languages

Italian / Native

English / C1 - IELTS certification (July 2021)

Spanish / C1

Catalan / B2

Passions

Swimming

Painting

Comic books

Historical novels

