Francesco Donsì



fdonsi@unisa.it
Department of Industrial Engineering, University of Salerno
https://docenti.unisa.it/005843/home
ORCID ID: https://orcid.org/0000-0002-6433-4486
WOS Researcher ID: B-1743-2010
SCOPUS author ID: 57203284890
Google Scholar: Francesco Donsi'
LinkedIn: linkedin.com/in/francesco-donsì

SHORT BIO

Prof. Francesco Donsì is Full Professor of Chemical Engineering (Chemical Plants and Processes) at the Department of Industrial Engineering, University of Salerno, Italy. His research focuses on sustainable and green processing technologies, including nanoencapsulation and delivery systems for bioactive compounds, high-pressure homogenization, mechanical cell disruption, pulsed electric fields, and biotechnology-assisted valorization of agrifood residues and biomass.

He has authored over 150 peer-reviewed publications in leading international journals (h-index: 53, Scopus), holds five international patents developed in collaboration with multinational companies including Unilever and Snamprogetti, and is founder of the university spin-off "Natural Extracts & More". He is currently Principal Investigator of the PRIMA project AgriBioPack (2024–2028), focused on sustainable valorization of agrifood residues and bio-based materials.

Prof. Donsì was awarded a Marie Skłodowska-Curie Individual Fellowship (2014–2015) at the Unilever R&D Center (Vlaardingen, The Netherlands), and has held visiting scientist positions at the University of Minnesota, Technical University of Berlin, Rutgers University, and Friedrich-Alexander University of Erlangen–Nürnberg. He has served as Co-Chair of the Engineering Future Foods conference series from 2021 to 2025.