Alessandro Alberto Casazza

Staff

alessandro.casazza@unige.it
+39 0103552584

Education and training

2010
Ph.D. in Chemical Process and Material Engineering
University of Genoa - Genova - IT

Academic experience

2010 - 2016
Research Fellow
University of Genoa - Genoa - IT

Work experience

2016 - ONGOING
Graduate technician
University of Genoa - Genoa - IT

Language skills

English
Independent

Teaching activity

Adjunct professor (Law 240, 30/12/2010, Article 23 paragraph 2). 2014-2019. Department of Civil, Chemical and Environmental Engineering, University of Genoa. Teacher for the Master's Degree in Chemical Engineering 'Production of biofuels' as an to the official course of Industrial Biotechnology.
Adjunct professor (Law 240, 30/12/2010, Article 23 paragraph 2). 2012-2018. Department of Civil, Chemical and Environmental Engineering, University of Genoa. Teacher for the Master's Degree in Chemical Engineering 'Production processes of biofuels' as an integration to the official course of Refinery and Petrochemistry.
Teacher of 'Concept of biorefinery for the agri-food sector' in Module 8 - Technologies supporting food products. 1st level University Masters degree 'Expert in food biotechnology', DISTAV, University of Genoa.

Postgraduate research and teaching activity

Supervision of PhD students, residents and post-doctoral fellows

Teacher for Ph.D. in 'Civil, Chemical and Environmental Engineering', Curriculum in 'Chemical, Material and Process Engineering' from 2013 to 2018.

Research interests

Extraction of high added value compounds from agro-industrial wastes using non-conventional techniques (ultrasounds, microwave, high temperatures and pressures). Valorisation of wastes by the production of liquid and solid biofuels using thermal and biological treatments. Growth and use of microalgae for environmental, energetic and food purposes.

Editorial activity

Peer Reviewer for: Biochemical Engineering Journal, Ultrasound Sonochemistry, LWT, Natural Product Research, Chemical Engineering Transaction.