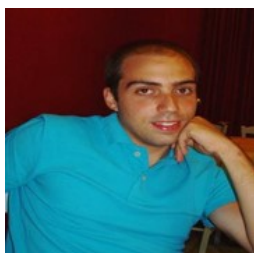


PERSONAL INFORMATION**Salvatore Barreca**

N 6, Via Eleonora D'angiò, Catania, CT, 95125, Italy
 Replace with telephone number +39 3338284652
 salvatore.barreca@unict.it
<https://scholar.google.it/citations?user=FKMy5HgAAAAJ&hl=it>

Sex Male | Date of birth 27/11/1986 | Nationality Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input checked="" type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

from 28/10/202 – to current

Researcher RTD-B

University of Catania

- Teaching and research activities concerning Analytical Chemistry
- Business or sector (education, research and development)

from 01/12/2018 to 27/10/2020

Analytical Chemist

Regional Agency for the Protection of the Environment (Italy) ARPA Lombardia

- Metal Analysis in environmental matrices, emerging water pollution (European Watch List for water) and PFAs, Herbicide, Hormones in water samples by LC MS/MS
- Business or sector (environmental analyses)

from 28/05/2018 to 30/11/2018

Researcher RTD-A

University of Palermo

- Teaching and research activities concerning Analytical Chemistry
- Business or sector (education, research and development)

from 18/05/2015 to 31/11/2016

Analytical Chemist

Regional Agency for the Protection of the Environment (Italy) ARPA Lombardia

- Metal Analysis in environmental matrices
- Business or sector (environmental analyses)

EDUCATION AND TRAINING

from 01/001/2012 to 31/12/2014

PhD in Chemistry

University of Palermo

- PhD Thesis "Development and optimization of procedures for the purification of extracts and for treatment of contaminated matrices"

09/11/2011

M. Sc degree in Chemistry 110/110 cum laude

University of Palermo

- Environmental chemistry
- Instrumental chemical analysis
- Photochemistry
- Data validation and quality assurance

PERSONAL SKILLS

Mother tongue(s)	Italian
Other language(s)	English Understanding (B2), Speaking (B2), Writing (B2)
Job-related skills	good technical and administrative management of laboratory- evaluation, hiring and training of analytical chemist students
Digital skills	Good knowledge of Microsoft Office, Statistical Analysis packages and Multivariate/Chemometric packages (XLstat), Fortran 77, Agilent ChemStation, Perkin Elmer and Symyx Lab Automation products, Shimadzu software.
Other skills	maintenance engineer of analytical instrument (GC-MS, HPLC-MS, ICP-OES, ICP-MS)

ADDITIONAL INFORMATIONPublications **Relevant** publications

- Salvatore Barreca, Maddalena Busetto, Luisa Colzani, Laura Clerici, Daniela Daverio, Pierluisa Dellavedova, Stefania Balzamo, Elisa Calabretta, Vanessa Ubaldi.
Determination of estrogenic endocrine disruptors in water at sub-ng L⁻¹ levels in compliance with Decision 2015/495/EU using offline-online solid phase extraction concentration coupled with high performance liquid chromatography-tandem mass spectrometry 147, *Microchemical Journal*, 2019, 1186-1191
- Barreca, S., Busetto, M., Vitelli, M., Colzani, M., Clerici, L., Dellavedova, P.
Online Solid-Phase Extraction LC-MS/MS: A Rapid and Valid Method for the Determination of Perfluorinated Compounds at Sub ng·L Level in Natural Water. (2018) *Journal of Chemistry*
- Savoca, D., Arculeo, M., Barreca, S., Buscemi, S., Caracappa, S., Gentile, A., Persichetti M.GF, Pace, A. Chasing phthalates in tissues of marine turtles from the Mediterranean sea. *Marine Pollution Bulletin*, 127, (2018), 165-169
- Barreca, S., Orecchio, S., & Pace, A. (2014).
Photochemical sample treatment: A greener approach to chlorobenzene determination in sediments. *Talanta*, 129, 263-269.
- Barreca, S., Orecchio, S., & Pace, A. (2014).
The effect of montmorillonite clay in alginate gel beads for polychlorinated biphenyl adsorption: Isothermal and kinetic studies. *Applied Clay Science*, 99, 220-228.
- Barreca, S., Indelicato, R., Orecchio, S., & Pace, A. (2014).
Photodegradation of selected phthalates on mural painting surfaces under UV light irradiation. *Microchemical Journal*, 114, 192-196.
- Barreca, S., Colmenares, J. J. V., Pace, A., Orecchio, S., & Pulgarin, C. (2014).
Neutral solar photo-Fenton degradation of 4-nitrophenol on iron-enriched hybrid montmorillonite-alginate beads (Fe-MABs). *Journal of Photochemistry and Photobiology A: Chemistry*, 282, 33-40.
- Barreca, S., Orecchio, S., & Pace, A. (2013).
Photochemical sample treatment for extracts clean up in PCB analysis from sediments. *Talanta*, 103, 349-354.