EUROPEAN CURRICULUM VITAE FORMAT

PERSONAL INFORMATION

Name	Daniela Piazzese
Address	
Telephone	
SCOPUS links	https://www.scopus.com/authid/detail.uri?authorId=6603466277
Another link	https://scholar.google.com/citations?user=isnrYagAAAAJ https://orcid.org/ 0000-0003-1162-126X
E-mail	
Nationality	Italian
Date of Birth	
Gender	female

WORK EXPERIENCE

• Dates (from - to)	From November 2011 to now
• Name ad address of the employer	University of Palermo – Piazza Marina, 61 – 90133 Palermo
• Type of business or sector	
• Occupation or position held	Associate Professor of Analytical Chemistry (SSD CHIM/01)
• Main activities and responsibilities	Research and education in the field of Environmental and Marine Science / Coordinator of Lab. of Environmental Analytical Chemistry
• Dates (from - to)	from April 2002 to November 2011
• Name ad address of the employer	University of Palermo – Piazza Marina, 61 – 90133 Palermo
• Type of business or sector	Analytical and Environmental Chemistry
• Occupation or position held	University researcher of environmental chemistry (SSD CHIM/12)
• Main activities and responsibilities	Research and education in the field of Environmental and Marine Science
• Dates (from - to)	from March 1999 to April 2002
• Name ad address of the employer	University of Palermo – Piazza Marina, 61 – 90133 Palermo
• Type of business or sector	Analytical and Environmental Chemistry
• Occupation or position held	Post Doc Fellow (SSD CHIM/01) – Laboratory of Analitical Chemistry – Dept. of Inorganic and Analytical Chemistry – Supervisor: Prof. Antonio Gianguzza
• Main activities and responsibilities	Research in the field of Environmental and Marine Science

EDUCATION AND TRAINING

• Dates (from - to)	From November 1995 to December 1998
• Name and type of organisation providing education and training	PhD Research Course in Chemical Science (SSD CHIM/01) – Laboratory of Analitical Chemistry – Dept. of Inorganic Chemistry – Supervisor: Prof. Antonio Gianguzza University of Palermo
• Principal subjects/occupational skills covered	Chemical speciation models of polyelectrolytes in natural waters / Application of Analytical Chemistry to main topics of environmental marine science -
• Title of qualification awarded	PhD in Chemical Science
• Dates (from - to)	June 1995
• Name and type of organisation providing education and training	University of Palermo - Laboratory of Analitical Chemistry – Dept. of Inorganic Chemistry – Supervisor: Prof. V. Romano
• Principal subjects/occupational skills covered	Electrochemical investigations in aqueous solution of U^{4+}/U^{3+} Preparation of experimental degree thesis – Lab.
• Title of qualification awarded	Degree in Chemistry
• Dates (from - to)	July 1989
• Name and type of organisation providing education and training	Liceo Classico “Giovanni Meli” - Palermo
• Principal subjects/occupational skills covered	Classical Studies
• Title of qualification awarded	Diploma

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE	ITALIAN
OTHER LANGUAGES	ENGLISH
SCIENTIFIC SKILLS AND COMPETENCES	- I've got great communication skills - I'm always looking for a new challenge. - I prefer to work in national and international team, sharing information and competences - I prefer a multi-disciplinary environment
RELEVANT ROLES AND COMPETENCES	Scientific and administrative Coordinator for University of Palermo of the following National Research Projects for the for University of Palermo: 1. 2007–2013 STI-TAM: ‘‘Development of innovative technologies for the treatment of fluid wastes from shipping activities and for marine environment protection’’ (PON02_00153_2849085 ‘‘Ricerca e competitività 2007–2013, asse 1’’) 2. 2015-2020 – TETI: “Innovative technologies for control, monitoring and safety at sea" (PNR 2015-2020 Specialization area Blue Growth”)

3. Coordinator of the Natural and Environmental Sciences courses from October 2016 to October 2019.
4. Component of the Scientific Council of "Centro Sostenibilità e Transizione Ecologica" dell'Università di Palermo from March 2022
5. Contact person for the Earth and Sea Science Department of the activity of *Sicilian Micronanotech Research And Innovation Center (SAMOTHRACE) - National Recovery and Resilience Plan (NRRP), Mission 4, Component 2 - Investment 1.5, funded from the European Union – Next Generation EU*
6. Person in Charge for the activities of Earth and Marine Science Department with Aten Center (Advanced Technologies Network Center) of University of Palermo – 2022
7. Person in charge of the teaching of the School of Basic and Applied Sciences – 2016
8. Person in charge of University of Palermo for the training activities established by agreement with the Distretto Navtec Sicilia (Consorzio di Ricerca per l'Innovazione Tecnologica, Sicilia, Trasporti Navali, Commerciali e da Diporto S.C.A.R.L) – 2014

Relevant International Partners:
Prof. Constantinos Athanassopoulos
University of Patras (GR)
Prof. Pierpaolo Zuddas
University of Sorbonne (France)
Prof. Nadav Lesnky
Geological Survey of Israel
Collaboration with the Italian company Ambiente S.P.A. (Toscana)

PUBLICATION INDEXES (SCOPUS)

- NUMBER OF PUBLICATIONS: 58
- TOTAL NUMBER OF CITATIONS: 1171
- H-INDEX: 21

MOST RELEVANT PUBLICATIONS IN THE BIODIVERSITY FIELDS

.

1. Corsino, S.F., Di Trapani, D., Torregrossa, N., Piazzese, D. Preliminary evaluation of biopolymers production by mixed microbial culture from citrus wastewater in a MBR system using respirometric techniques (2021) Journal of Water Process Engineering, 41, art. no. 102003.

2. Piazzese, D., Bonanno, A., Bongiorno, D., Falco, F., Indelicato, S., Milisenda, G., Vazzana, I., Cammarata, M. Co-inertia multivariate approach for the evaluation of anthropogenic impact on two commercial fish along Tyrrhenian coasts (2019) Ecotoxicology and Environmental Safety, 182, art. no. 109435.

3. Cammarata, M., Benenati, G., Dara, M., Parisi, M.G., Piazzese, D., Falco, F., Stabili, L. Sabella spallanzanii mucus contain a galactose-binding lectin able to agglutinate bacteria. Purification and characterization (2019) Invertebrate Survival Journal, 16 (1), pp. 15-24.

4. Piazzese, D., Corsino, S.F., Torregrossa, M., Bongiorno, D., Indelicato, S., Viviani, G. Effect of a co-substrate supply in a MBR treating shipboard slop: Analysis of hydrocarbon removal, biomass activity and membrane fouling tendency (2018) Biochemical Engineering Journal, 140, pp. 178-188.

5. Indelicato, S., Bongiorno, D., Ceraulo, L., Emmanuello, C., Mazzotti, F., Siciliano, C., Piazzese, D. One-pot analysis: A new integrated methodology for determination of TAG and FA determination through LC/MS and in-silico saponification (2018) Food Analytical Methods, 11 (3), pp. 873-882.

6. Bellante, A., D'Agostino, F., Traina, A., Piazzese, D., Milazzo, M.F., Sprovieri, M. Hg and Se exposure in brain tissues of striped dolphin (Stenella coeruleoalba) and bottlenose dolphin (Tursiops truncatus) from the Tyrrhenian and Adriatic Seas (2017) Ecotoxicology, 26 (2), pp. 250-260.

7. Parrinello, D., Bellante, A., Parisi, M.G., Sanfratello, M.A., Indelicato, S., Piazzese, D., Cammarata, M. The ascidian Styela plicata hemocytes as a potential biomarker of marine pollution: In vitro effects of seawater and organic mercury (2017) Ecotoxicology and Environmental Safety, 136, pp. 126-134.

8. Bellante, A., Piazzese, D., Cataldo, S., Parisi, M.G., Cammarata, M. Evaluation and comparison of trace metal accumulation in different tissues of potential bioindicator organisms: Macrobenthic filter feeders Styela plicata, Sabella spallanzanii, and Mytilus galloprovincialis (2016) Environmental Toxicology and Chemistry, 35 (12), pp. 3062-3070.

9. Falcone, G., Foti, C., Gianguzza, A., Giuffrè, O., Napoli, A., Pettignano, A., Piazzese, D. Sequestering ability of some chelating agents towards methylmercury(II) (2013) Analytical and Bioanalytical Chemistry, 405 (2-3), pp. 881-893.

10. Cammarata, M., Parisi, M.G., Benenati, G., Arizza, V., Cillari, T., Piazzese, D., Gianguzza, A., Vazzana, M., Vizzini, A., Parrinello, N. In vitro effects of methylmercury on ascidian (Styela plicata) immunocyte responses (2007) Applied Organometallic Chemistry, 21 (12), pp. 1022-1028

MOST RELEVANT PUBLICATIONS IN THE EMERGING POLLUTANTS AND ENVIRONMENTAL DEGRADATION FIELDS

Sasmaz, A., Zuddas, P., Cangemi, M., Piazzese, D., Ozek, G., Venturi, M., Censi, P. Zirconium and hafnium fractionation and distribution of Rare Earth Elements in neutral–alkaline waters: Case study of Lake Van hydrothermal system, Turkey (2021) Journal of Geochemical Exploration, 226, art. no. 106784

Corsino, S.F., Di Trapani, D., Torregrossa, N., Piazzese, D. Preliminary evaluation of biopolymers production by mixed microbial culture from citrus wastewater in a MBR system using respirometric techniques (2021) Journal of Water Process Engineering, 41, art. no. 102003.

Censi, P., Sirota, I., Zuddas, P., Lensky, N., Merli, M., Saiano, F., Piazzese, D., Sposito, F., Venturelli, M. Trace element fractionation through halite crystallisation: Geochemical mechanisms and environmental implications (2020) Science of the Total Environment, 723, art. no. 137926.

Piazzese, D., Bonanno, A., Bongiorno, D., Falco, F., Indelicato, S., Milisenda, G., Vazzana, I., Cammarata, M. Co-inertia multivariate approach for the evaluation of anthropogenic impact on two commercial fish along Tyrrhenian coasts (2019) Ecotoxicology and Environmental Safety, 182, art. no. 109435.

Piazzese, D., Corsino, S.F., Torregrossa, M., Bongiorno, D., Indelicato, S., Viviani, G. Effect of a co-substrate supply in a MBR treating shipboard slop: Analysis of hydrocarbon removal, biomass activity and membrane fouling tendency (2018) Biochemical Engineering Journal, 140, pp. 178-188.

Parrinello, D., Bellante, A., Parisi, M.G., Sanfratello, M.A., Indelicato, S., Piazzese, D., Cammarata, M. The ascidian Styela plicata hemocytes as a potential biomarker of marine pollution: In vitro effects of seawater and organic mercury (2017) Ecotoxicology and Environmental Safety, 136, pp. 126-134.

Bellante, A., Piazzese, D., Cataldo, S., Parisi, M.G., Cammarata, M. Evaluation and comparison of trace metal accumulation in different tissues of potential bioindicator organisms: Macrobenthic filter feeders Styela plicata, Sabella spallanzanii, and Mytilus galloprovincialis (2016) Environmental Toxicology and Chemistry, 35 (12), pp. 3062-3070.

Cataldo, S., Iannì, A., Loddo, V., Mirenda, E., Palmisano, L., Parrino, F., Piazzese, D. Combination of advanced oxidation processes and active carbons adsorption for the treatment of simulated saline wastewater (2016) Separation and Purification Technology, 171, pp. 101-111.

Cataldo, S., Cavallaro, G., Gianguzza, A., Lazzara, G., Pettignano, A., Piazzese, D., Villaescusa, I. Kinetic and equilibrium study for cadmium and copper removal from aqueous solutions by sorption onto mixed alginate/pectin gel beads (2013) Journal of Environmental Chemical Engineering, 1 (4), pp. 1252-1260.

Cavallaro, G., Gianguzza, A., Lazzara, G., Milioto, S., Piazzese, D. Alginate gel beads filled with halloysite nanotubes (2013) Applied Clay Science, 72, pp. 132-137.

5 KEY-WORDS REPRESENTING SCIENTIFIC ACTIVITY

1. Predictive models in natural waters and biosorption processes
2. Analysis of contaminants
3. Bioplastics and biomaterials
4. Analytical methods and procedures
5. environmental monitoring