Curriculum vitae

EDUCATION

October 2018 - September 2021:

Bachelor degree in Chemistry - University of Perugia (Italy)

Final mark: 110/110 *cum laude*

October 2021 - February 2024:

Master degree in Chemical Sciences - University of Perugia (Italy)

Curriculum: Inorganic Chemistry for Energy and Catalysis

Final mark: 110/110 *cum laude*

WORK EXPERIENCES

April 2024 – April 2025:

Post graduation grant holder for the project "UMBRIATECH Umbria Materials TECHnology district".

Department of Chemistry, Biology and Biotechnologies – University of Perugia

Subjects: synthesis and characterization of inorganic materials for photovoltaic applications.

POSTER PRESENTATION TO CONGRESS

"Synthesis and Characterization of Fluorinated 2D Materials for Perovskite Solar Cells (PSC)", 7th International Conference on Perovskite Solar Cells and Optoelectronics – PSCO, 16-18 September 2024, Giò Hotel – Centro Congressi Perugia, Italy.

"Biogenic synthesis and characterization of Nickel Oxide Nanocrystals using plant extract from *Lemna Minor* Duckweed and their applications for the catalytic degradation of Rhodamine B dye in water", Workshop on Advanced Materials for the Energy Transition – 28-29 November 2024, Canadian Hotel – L'Aquila, Italy.

"Hydrophobic Low-dimensional Perovskites for photovoltaic application", Winter Workshop on Materials for Energy – 28th January – 2nd February, Gruner Baum Hotel – Brixen, Italy.

PUBBLICATIONS IN PROGRESS_____

"Silver Nanoparticles Decorated UiO-66-NH_2 Metal-Organic Framework for Combination Therapy in Cancer Treatment", F. Ragonese *et al*., *Pharmaceutics*, **2025**, accepted.

PERSONAL SKILLS_____

Mother tongue: italian

Other language(s): english (B2 level).

Computer skills: use of the Office Package and programs for materials crystallographic characterization (Expo2).