

PERSONAL INFORMATION

Martina Landrini



Sex: Date of birth: 1996 Nationality:

ACTUAL POSITION

PhD student in Chemical Sciences, University of Perugia.
Curriculum: Methods and materials for catalysis, energy,
the environment and cultural heritage

EDUCATION AND TRAINING

- 2018-2020 Master Degree in Chemical Sciences
Final mark: 110 cum laude
University of Perugia, Italy
Thesis work: "Synthesis and characterization of heterobimetallic gold(I) hydrido complexes"
Supervisors of thesis work: Alceo Macchioni and Luca Rocchigiani
Address: Inorganic chemistry, Organometallic chemistry, Gold Chemistry
- March 2020 Stage at the University of East Anglia (UK)
thanks to the victory of the announcement of the mobility program Erasmus+ Traineeship
University of Perugia, Italy
Stage work: "Synthesis and characterization of heterobimetallic gold-molybdenum bridging-hydrides"
Supervisors: Luca Rocchigiani
Address: Inorganic chemistry, Organometallic chemistry, Gold Chemistry
- 2015-2018 Bachelor's First level Degree in Chemistry
Final mark: 110
University of Perugia, Italy
Thesis work: "[Cp*Ir(H₂O)₃](NO₃)₂] incorporated into a nafion membrane: exploitation
as heterogenized catalyst for water oxidation"
Supervisors of thesis work: Alceo Macchioni and Mario Casciola
Address: Inorganic chemistry, Organometallic chemistry, Catalysis
- 2010-2015 Scientific's High school certificate
Final mark: 76/100
Liceo Scientifico Convitto Nazionale Principe di Napoli, Assisi (PG)

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

Job-related skills	use of glove box use of schlenk line use and knowledge of NMR instrument use and knowledge of X-Ray instrument use and knowledge of UV-Vis instrument to follow a catalytic process
Digital skills	good command of Office Suite good command of Chem Draw good command and knowledge of Origin good command and knowledge of programming languages as Fortran 77 good command and knowledge of Molden5.7 knowledge of solid state chemistry software Quantum Espresso

ADDITIONAL INFORMATION

September 2019	Tutoring activity during Sharper-night University of Perugia, Department of Chemistry, Biology and Biotechnology
April-October 2021	Tutoring activity of General Chemistry for Biotechnology thanks to the victory of the announcement n.46/2021 of 1/03/21 University of Perugia, Department of Chemistry, Biology and Biotechnology
September 2021	Tutoring activity during Sharper-night University of Perugia, Department of Chemistry, Biology and Biotechnology

PUBLICATIONS

Congress Communication

- Poster: 1) Synthesis and Characterization of Heterobimetallic Au(I)/M(IV) bridging hydrides (M=Mo,W), Martina Landrini, Rohan Patel, David L. Hughes, Leonardo Tensi, Alceo Macchioni, Luca Rocchigiani. XXVII Congresso Nazionale della Società Chimica Italiana (Divisione di Inorganica), Online Event, 14-23 September 2021.
- 2) Structural Diversity in Heterobimetallic Gold(I) Bridging Hydrides: Effect of Ancillary Ligands and Hydride Donors, Martina Landrini, Rohan Patel, David L. Hughes, Leonardo Tensi, Alceo Macchioni, Luca Rocchigiani. EUCOMC XXIV European Conference on Organometallic Chemistry, Online Event, 1-3 September 2021.