

CURRICULUM VITAE  
**FEDERICO SCAGLIONE**

**PERSONAL INFORMATION**

Nationality:	<i>Italian</i>
Degree	<i>Ph.D.</i>
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Federico Scaglione graduated in Material Science at the University of Torino in 2008, where he obtained in 2012 his Ph.D. degree in Science and Technology of Materials and Nanosystems with a thesis entitled “Electrochemical processes for advanced alloys: basic studies and application to industrial materials”.

From 2012 to 2018 he worked as Postdoc, at the same University, in the Laboratory of Metallurgy of the Chemistry Department. Thanks to the expertise acquired during his Ph.D, his scientific work was committed to the synthesis of nanoporous and nanostructured metals and alloy by chemical or electrochemical de-alloying of crystalline and amorphous precursors.

Since 2018 he works as Researcher in the same group of the same University. Currently, his scientific interest is not only focused on the production and characterization on nanostructured metallic materials but also devoted to applications of these promising materials as electrodes for electrocatalysis in general and water splitting in particular, and as active substrates for surface enhanced Raman scattering.

He has a sound knowledge of the main characterization techniques required for investigating of bulk and nanostructured metallic materials and their properties (i.e. calorimetry, XRD, Rietveld analysis, hardness and micro-hardness measurements, optical microscopy, SEM and TEM, SERS and UV-visible spectroscopy, electrochemistry, electrocatalysis and electrodeposition).

He counts several oral and poster contributions in national and international conferences in the field of chemistry and material science.

Federico Scaglione is co-author of more than 20 scientific articles in high-ranking peer-reviewed scientific journals in the fields of metallurgy, chemistry and material science.

His scientific work has an h-index of 13 with more than 300 citations (<https://orcid.org/0000-0002-8009-5454>).