

## Francesca Risplendi

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F. Risplendi is currently employed as assistant professor at the Department of Applied Science and Technology of the Politecnico of Torino (Italy). Her research is dedicated to the investigation nanostructured materials, surfaces and interfaces of relevance for electrocatalysis, energy conversion and optoelectronic devices by means of atomistic computer simulations based on first principles. In the last years, she has focused on oxygen reduction reaction in the context of fuel cells and the electrochemical CO<sub>2</sub> reduction to value-added chemical compounds.

She holds a master's degree in Physical Engineering (2010) and a Ph.D. in "Electronic Devices" (2014) from Politecnico of Turin. During her career, F. Risplendi won a Junior Research Fellowship provided by Thomas Young Centre, for collaborative research visit of three months at the Imperial college of London. In addition, from 2014 to 2016 she was employed as a postdoctoral associate at the Department of Materials Science and Engineering at the Massachusetts Institute of Technology in Cambridge (MA) USA.

She has authored more than 25 articles in international, high impact refereed journals, and co-supervised three PhD students and four master students.