



**Dr. Alberto Perrotta**

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**Dr. Alberto Perrotta** obtained his M.Sc. in Chemical Science in 2012 at the University of Bari, Italy. He obtained his PhD in Applied Physics at the Technical University of Eindhoven, the Netherlands, in 2016. Within his PhD, he was a visiting researcher at the Georgia Institute of Technology (Atlanta, Georgia, United States), in the group of Prof. Samuel Graham. In 2017, Alberto joined the group of Prof. Anna Maria Coclite as a postdoctoral fellow at the Technical University of Graz (Graz, Austria). In 2019, he joined ThunderNIL s.r.l. (Trieste, Italy) to work on nanoimprinting lithography applied on thin polymeric films for the development of humidity sensors. In 2020, he worked as a Senior Process Engineer at STMicroelectronics in Agrate-Brianza (Italy). In 2021, he joined the Institute of Nanotechnology of the Italian Research Council as a Researcher. His research focuses on thin film deposition, process development and atomic scale engineering via (plasma-based) vapor-phase methods, porosity determination, and advanced opto-chemical characterization for application in energy harvesting, sensing, and environmental remediation. He is (co)author of 34 papers and 2 book chapters, with 828 citations and a H-index of 14 (Scopus).