

Lucio Litti (ORCID 0000-0001-6247-5456), Department of Chemical Sciences, via Marzolo 1, University of Padova

Graduated in Chemical Sciences and PhD in Material Science and Engineering in 2015. He was visiting researcher at the Liz-Marzan's group (San Sebastian, Spain) in 2017 and 2019, and at the Hallanger's group (Trømso, Norway) in 2023. In 2021 he was awarded the National idoneity for Assistant professorship in Physical Chemistry by the Italian Ministry for Research. Nowadays Lucio Litti is a Tenure-Track Assistant Professor (RTD-b) in Physical Chemistry at the Department of Chemical Sciences, University of Padova. His interests are about applications of noble metal nanostructures for optical sensing. Relevant applications of his materials, coupled with advanced  $\mu$ Raman imaging, were on labeling *in-vitro* cell cultures, tumor *ex-vivo* models, cultural heritage, quantitative sensing for biomedical and environmental targets, and for micro- and nanoplastic analysis in real environmental, as well biological, samples. His current bibliometric indicators at Nov 2023 are: Google Scholar, H-index of 20 and 1149 total citations; WoS, H-index of 18 and 912 total citations; Scopus, H-index of 19 and 975 total citations.