

# Chiara Amicucci



## ESPERIENZA

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01/03/2018– 30/09/2018

Research fellow • IFAC-CNR and Cabro S.pA • Arezzo (AR)

[Research project (SUPREMAL) Surface amplified Raman spectroscopy for early diagnosis of Alzheimer's disease]

## ISTRUZIONE

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01/10/2018– to date

PhD in material engineering

Università degli studi di Firenze

[*Synthesis of Silver Nanowires and development of SERS substrates for biomolecules detection.*]

01/10/2015– 01/10/2017

Master Degree in Chemistry and Advanced Chemical Methodologies

Università degli studi di Camerino

[*Innovative solutions for the treatment of tannery waste.*]

01/10/2012– 01/10/2015

Bachelor's degree in Chemistry

Università degli studi di Camerino

[*Tertiary amines as activators for the curing of polyurethanes in biomedical field.*]

## PUBBLICAZIONI

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Banchelli, M.; Amicucci, C.; Ruggiero, E.; D'Andrea, C.; Cottat, M.; Ciofini, D.; Osticioli, I.; Ghini, G.; Siano, S.; Pini, R.; et al. *Spot-on SERS detection of biomolecules with laser-patterned dot arrays of assembled silver nanowires*. ChemNanoMat **2019**, 5, 1036–1043.

Amicucci, C.; D'Andrea, C.; Banchelli, M.; Pini, R.; Matteini P. et al. *Cost Effective Silver Nanowire-Decorated Graphene Paper for Drop-On SERS Biodetection*. Nanomaterials **2021**, 11, 1495.

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