

Giulia Infurna

DATE OF BIRTH:
18 Mar 1992

CONTACT

Nationality: Italian

Gender: Female

 Viale delle Scienze, Ed. 6,
90128 Palermo, Italy

 giulia.infurna@unipa.it

giuliainfurna92@gmail.com

 (+39) 3286257351

 [https://orcid.org/
0000-0001-7160-8580](https://orcid.org/0000-0001-7160-8580)

[https://www.researchgate.net/
profile/Giulia-Infurna](https://www.researchgate.net/profile/Giulia-Infurna)

WORK EXPERIENCE

1 JUN 2019 – 31 DEC 2019 – Palermo, Italy

INSTM - Scholarship

Consorzio Interuniversitario Nazionale per la Scienza e Tecnologia dei Materiali

Formulation (Solvent Casting & Compression Molding), Characterization (rheological, optical, uv-visible, mechanical, study oh photo-oxidation behaviour, permeability) and durability of biofilms for cultural heritage protection.

JUL 2020 – 31 OCT 2020 – Palermo, Italy

Borsista

Universita degli Studi di Palermo

Formulation, characterization and durability of intumescent paint in naval industry

1 APR 2018 – 14 JUN 2018 – Guimaraes, Portugal

Traineeship

Universidade do Minho

In-process characterization of polymer nanocomposites, by means of a prototype of Twin Screw Extruder with Double Slite Die for rheological assessment. Dispersion characterization, photo- and thermo-oxidation behaviour, electrical and thermal conductivity, scavenging role of nanoparticles.

1 NOV 2020 – CURRENT – Palermo, Italy

PhD

Università degli Studi di Palermo

Employing of conventional processing for Formulation, characterization, and durability of multi-layer biofilms of recycled or bio-degradable polymers loaded with thermal treated forestal and agricultural waste as part of circular economy view.

EDUCATION AND TRAINING

SEP 2016 – MAR 2019 – Italy

Master's Degree in Chemical Engineering

Università degli Studi di Palermo

SEP 2011 – OCT 2015 – Italy

Bachelor's Degree in Chemical Engineering

Università degli Studi di Palermo

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

OTHER LANGUAGE(S):

English

Listening
B2

Reading
B2

**Spoken
production**
B2

**Spoken
interaction**
B2

Writing
B1

DIGITAL SKILLS

Matlab / Origin / Trios / Microsoft Office / Microsoft Excel / Microsoft Powerpoint / LinkedIn / Microsoft Word / Spectrum

PUBLICATIONS

- **Natural compounds as sustainable additives for biopolymers**
[2020 10.3390/polym12040732](#)
Dintcheva, N. Tz.; **Infurna, G.**; Baiamonte, M.; D'Anna, F.; *Polymers*, vol. 12, pp. 732
- **Environmentally friendly eutectogels comprising l-amino acids and deep eutectic solvents: Efficient materials for wastewater treatment**
[2020 10.1002/cplu.202000017](#)
Marullo, S.; Meli, A.; Dintcheva, N. Tz.; **Infurna, G.**; Rizzo, C.; D'Anna, F.; *ChemPlusChem*, vol. 85, pp. 301-311
- **Taking advantage of the functional synergism between carbon nanotubes and graphene nanoplatelets to obtain polypropylene-based nanocomposites with enhanced oxidative resistance**
2020
Infurna, G.; Teixeira, P. F.; Dintcheva, N. Tz.; Hilliou, L.; La Mantia, F. P. ; Covas, J. A.; *European Polymer Journal*, vol. 133, pp. 109796
- **Bionanocomposite films containing halloysite nanotubes and natural antioxidants with enhanced performance and durability as promising materials for cultural heritage protection**
[2020 10.3390/polym1209197](#)
Infurna, G.; Cavallaro, G.; Lazzara, G.; Milioto, S.; Dintcheva, N. Tz.; *Polymers*, vol. 12, pp. 1973
- **End-of-life and waste management of disposable beverage cups**
[2021 10.1016/j.scitotenv.2020.143044](#)
Dintcheva, N. Tz.; **Infurna, G.**; D'Anna, F.; *Science of The Total Environment*, vol. 763, pp. 143044
- **A Review of Bioplastics and Their Adoption in the Circular Economy**
[2021 10.3390/polym13081229](#)
Di Bartolo, A.; **Infurna, G.**; Dintcheva, N. Tz.; *Polymers*, vol. 13, pp. 1229

CONFERENCES AND SEMINARS

SEP 2019 > - Materials in The Next Decade, Favignana

Naturally Occurring Materials For Cultural Heritage Conservation

Dintcheva N. Tz., Lazzara G., Cavallaro G., **Infurna G.**, Francesco Paolo La Mantia,

1 SEP 2019 - 5 SEP 2019 > - 33rd PDDG Conf., Malta

Durability Of Bio- Polymers Based Films For Cultural Heritage Conservation

Dintcheva N. Tz, Lazzara G., Cavallaro G., **Infurna G.**, La Mantia F. P., Millioto S.,

21 JUN 2019 - 24 JUN 2019 > - XII INSTM CONFERENCE-XV AIMAT CONFERENCE, Ischia (NA)

Bio-Polymers Based Films Containing Naturally Occurring Fillers And Anti-Oxidants For Cultural Heritage Conservation:Formulation, Characterization And Durability

Dintcheva N. Tz, Lazzara G., Cavallaro G., **Infurna G.**, La Mantia F. P., Millioto S.