

h-Index (Google Scholar): **12**, Citations: **331**

**Refereed journal publications** : **23** published + **1** will be submitted

(complete publications list [here](#))

(ACS Sustainable Chemistry and Engineering, Polymer Chemistry, Polymer Degradation and Stability, Biomacromolecules, European Polymer Journal, Journal of Analytical and Applied Pyrolysis, Polymers, Green Chemistry...)

**Top Co-authors**: Prof. Dimitrios BIKIARIS (**21**) ([LINK](#)) Prof. George PAPAGEORGIOU (**20**) ([LINK](#))

**Scientific Societies**: - European network of FURan based chemicals and materials FOR a Sustainable development (COST Action CA18220, [LINK](#))

- American Chemical Society: Division of Polymer Chemistry (POLY)

**Journals Reviewer**: Polymers (MDPI), Polymer Testing (Elsevier), Materials (MDPI)

Reviewer Board Member of MDPI ([here](#))



## EXPERTISE & JOB-RELATED SKILLS

- **Deep knowledge** of Design, Synthesis, and Study of fully biobased polymers, mainly polyesters and copolyesters
- **Excellent command** of several synthesis techniques of Polyesters: Melt Polycondensation, Solid state Polycondensation, Polymer Blending, In Situ polymerization, ROP, etc.
- Sustainable Furan-based polyesters, copolyesters, polyester Blends, and Isocyanate-free polyurethane / Investigation of crystallization, melting behaviour, and biodegradability of (Co-)polyesters / Organic chemistry / (Microwave-assisted) organic synthesis
- **Effective supervision skills** (acquired through my experience as co-supervisor of MSc and PhD students), etc.

## AWARDS & ACHIEVEMENTS (Details [here](#))

- July 13, 2018 **Best Presentation Award** at the **IUPAC Postgraduate Summer School on Green Chemistry** - Venice, Italy, awarded by **L'ORÉAL** Group and **Eni** Group

"Synthesis of New Eco-Friendly Copolyesters From Fully Renewable Resources: Poly( $\epsilon$ -Caprolactone-Co-Pentylene 2,5-Furandicarboxylate)"

- 7-13/07/2018 Fully Funded Scholarship to attend IUPAC Postgraduate Summer School on Green Chemistry

## RESEARCH PROJECT [Furan-based polyesters](#) ([LINK](#))

## PRESENTATIONS AT INTERNATIONAL CONFERENCES (Details [here](#))

- **13** communications at **11** international conferences (in France, Italy, Greece, Belgium, Portugal)

**Job-related Keywords** : Bioplastics, biobased (co)/polyesters, 2,5-Furan dicarboxylic acid, Isosorbide, vanillic acid, Melt polycondensation, branched polyesters, Biobased Polymers, FDCA, Isocyanate-free polyurethane, poly(ethylene furanoate), crystallization behavior, Polyester Blends, reactive blending, solid-state polycondensation, biodegradability, structure-property relationship, thermal properties, Ring opening polymerization, etc

## PROFESSIONAL & WORK EXPERIENCE (Details [here](#))

- March 2019 to present **Junior Research & Technology Associate**  
Green Polymers Group, Luxembourg Institute of Science and Technology (LIST), Luxembourg
- April - October 2018 **Postdoctoral Fellowship**  
BIKIARIS Group - Aristotle University of Thessaloniki, Greece
- July - March 2018 **Temporary Research Fellowship**  
BIKIARIS Group - Aristotle University of Thessaloniki, Greece
- Sep. 2016 - Jun. 2017 **Mobility grant within the frame of Erasmus+ International Programme**  
BIKIARIS Group - Aristotle University of Thessaloniki, Greece
- April - July 2016 **Research Assistant**  
University of Padova, Italy
- May 2014 - April 2016 **3 PhD Internships**  
University of Padova and Bologna University, Italy

## EDUCATIONAL QUALIFICATIONS

- March 2018 **PhD in Polymer chemistry** (Merit: Very honorable)  
PhD dissertation Title: **Valorisation of Isosorbide: Synthesis of new functional polymers**  
PhD Supervisor: Prof. **Dimitrios BIKIARIS** ([LINK](#))  
Aristotle University of Thessaloniki, Greece
- November 2013 **Master's Degree in Organic Chemistry**  
Major: **Synthesis and reactivity in Organic chemistry**  
Master Thesis Title: **Synthesis and characterization of new functional structures based on Isosorbide**
- June 2011 **Bachelor's degree in chemistry**  
(Rank: First year: **5/55**, Second year: **7/59**, Third year: **6/67**)  
University of Monastir, Tunisia