

IOULIA GEORGIPOULOU

Curriculum Vitae
April 2021

PERSONAL INFORMATION

Surname: Georgiopoulou
Name: Ioulia
Date of Birth: 01-Feb-1995
Country: Greece
Profession: Chemical Engineer
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EDUCATION

PhD Candidate in Chemical Engineering | National Technical University of Athens

2019 – TODAY

Recovery of bioactive substances from algae using green technologies

Section of Analysis, Design and Development of Processes and Systems

Thermodynamics and Transport Phenomena Laboratory (TTPL)

MEng in Chemical Engineering | National Technical University of Athens

2013 – 2018

Grade: 7.74/10

Specialization: Organic Industries – Polymers

Diploma Thesis: “Recycling of Tetra Pak® multilayer packaging containers”, Thermodynamics and Transport Phenomena Laboratory (TTPL), School of Chem. Eng., NTUA.

High School Diploma | 4th General Lyceum of Kallithea

2010 – 2013

Grade: 18.9/20

PROFESSIONAL EXPERIENCE

Educational work | National Technical University of Athens

Participation in the tutorial and organization process of laboratory exercises of the courses Thermodynamics I & II and exam supervisions.

Research work | National Technical University of Athens

Participation in the following scientific projects as a researcher Thermodynamics & Transport Phenomena of NTUA:

1. *BIO-NAMA: DEVELOPMENT OF NANOMAGNETIC BIOREACTOR FOR THE CONTINUOUS PRODUCTION OF MICROALGAE BIOMASS AND HIGH ADDED VALUE PRODUCTS*
Duration: 11/2018 – 4/2022

Financial support: National Strategic Reference Framework 2014-2020, Greek General Secretariat for Research and Technology (GSTR)

2. *CIRCULAR FLOORING: NEW PRODUCTS FROM WASTE PVC FLOORING AND SAFE END-OF-LIFE TREATMENT OF PLASTICISERS*

Duration: 6/2019 – 5/2023

Financial support: European Union's Horizon 2020 research and innovation program

Laboratory staff - Internship | General Chemical State Laboratory of Greece

9/2017 – 10/2017

Department A: Food Pollutants, Drinking Water, Waste, Water and Other Environmental Issues



PUBLICATIONS

Publications in International Journals

I. Georgiopoulou, G.D. Pappa, S.N. Vouyiouka, K. Magoulas (2021). Recycling of post-consumer multilayer Tetra Pak® packaging with the Selective Dissolution-Precipitation process. *Resources, Conservation and Recycling*, 165, 105268.

Communications in International Conferences

M.M. Dardavila, M. Savvidou, I. Georgiopoulou, V. Louli, G. Pappa, E. Voutsas, H. Stamatis, K. Magoulas, "Optimization of microalgae magnetic harvesting process", 24th Congress of Chemical and Process Engineering CHISA, virtually, March 15 – 18, 2021 (Oral presentation).

Communications in Greek Conferences

I. Georgiopoulou, D. Felekeas, G. Pappa, K. Magoulas, "Development and economic evaluation of the recycling process of Tetra Pak® multilayer packaging materials", 12th Panhellenic Conference of Chemical Engineering, Athens, 29-31 May, 2019 (Oral presentation).



PROFESSIONAL SOCIETIES

2010 – TODAY

Member of the Technical Chamber of Greece



LANGUAGES

English: C2 (CPE)

Greek: Native



PC KNOWLEDGE

- **PC HANDLING – OPERATION SYSTEMS**
Good knowledge of Microsoft Office, Mac OS
- **PROGRAMMING LANGUAGES**
Good knowledge of Matlab, Fortran 90/95
- **SOFTWARE PACKAGES**
Basic knowledge of Comsol Multiphysics, Aspen Hysis