



**Curriculum vitae
Europass**

Personal information

First name / Surname
Previous surname

**Ioana Popa
Asofiei**

Address

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Telephone(s)

Office: +40 214022705; Mobile: +40 735230766

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Nationality

Romanian

Date of birth

15.05.1989

Gender

Female

Work experience

Dates
Occupation or position held
Main activities and responsibilities

September 2019 - present
Lecturer

Teaching activities (laboratories and courses) in the biochemistry, food chemistry, natural and synthetic dyes fields. Research activities involve: Natural products isolation, Microwave and/or ultrasound application in extraction and material processing, Colored materials for military camouflage, Self-cleaning waterborne paints.

Name and address of employer

University "Politehnica" of Bucharest, Faculty of Applied Chemistry and Materials Science, Department Bioresources and Polymer Science, 1-7, Gh. Polizu Street, Sector 1, Bucharest, 011061

Type of business or sector

Education

Dates
Occupation or position held
Main activities and responsibilities

November 2017 – August 2019
Teaching Assistant

Teaching activities (laboratories) in the biochemistry, food chemistry, natural and synthetic dyes fields. Research activities involved: Natural products isolation, Microwave and/or ultrasound application in extraction and material processing, Colored materials for military camouflage, Self-cleaning waterborne paints.

Name and address of employer

University "Politehnica" of Bucharest, Faculty of Applied Chemistry and Materials Science, Department Bioresources and Polymer Science, 1-7, Gh. Polizu Street, Sector 1, Bucharest, 011061

Type of business or sector

Education

Dates
Occupation or position held
Main activities and responsibilities

February 2021 – present
Scientific Researcher

Research activities in the PN-III-P2-2.1-PED-2019-2118/381PED/2020, Project: "Technologies for obtaining of natural products with immunostimulatory properties (IMUNOSTIM)". Main activities involve: studies regarding the influence of different parameters on the microwave and ultrasound extractions efficiencies; studies considering the stability of the targeted compounds during microwave and ultrasound treatments.

Name and address of employer

University "Politehnica" of Bucharest

Type of business or sector

Research activity

Dates
Occupation or position held
Main activities and responsibilities

Mai 2018 – August 2021
Scientific Researcher

Research activities in the PN-III-P1_PCCDI-2017-0395/ 70-PCCDI- CBRN Hazard contingency and means of improving the National Security (SECURE_NET)"- component project 5 -"Multispectral camouflages consisting of chromogenic -polymer systems-MULTICAM", within PNCDI III. Main activities involve: synthesis of coloured materials using various pigments and fillers; analysis of the coloured materials according to NATO standards.

Name and address of employer

University "Politehnica" of Bucharest

Type of business or sector

Research activity

<p>Dates April 2018 – March 2021</p> <p>Occupation or position held Scientific Researcher</p> <p>Main activities and responsibilities Research activities in the PN-III-P1_PCCDI-2017-0428/ 40-PCCDI- Polymer based innovative nanotechnologies for new advanced materials - NAPOLI 19 "- component project 4 -" Innovative Hybrid Materials with Photocatalytic Properties", within PNCDI III. Main activities involve: formulating paints using photocatalytic materials sensitized with novel compounds (eg.: azomethine-phthalocyanine chromophores dye); tests for their photocatalytic and self-cleaning properties.</p> <p>Name and address of employer University "Politehnica" of Bucharest</p> <p>Type of business or sector Research activity</p>	<p>Dates 01.11.2016 - 30.09.2017</p> <p>Occupation or position held Scientific Researcher</p> <p>Main activities and responsibilities Research activities in the PN-II-PT-PCCA-2013-4-1687 Project: "Reduction of Wastes from Viticulture by the Integral Exploitation of Grapes Marc as Compost and Stable Polyphenol Extracts for Antifungal Protection of Vines and Wood (VITES)". Main activities involved: optimization of polyphenols microwave assisted extraction from different types of vegetal materials; extracts analysis.</p> <p>Name and address of employer University "Politehnica" of Bucharest</p> <p>Type of business or sector Research activity</p>
<p>Dates 10.09.2014 – 30.09.2017</p> <p>Occupation or position held Scientific Researcher</p> <p>Main activities and responsibilities Research activities in the PN-II-PT-PCCA-2013-4, Project: "Eco-friendly process for extraction of valuable compounds from plants (ECOVALUE-PLANT)". Main activities involved: studies considering the influence of various parameters on the batch and semicontinuous microwave assisted extraction of polyphenols from plants; developing an innovative extraction method using coaxial antennas; studies regarding energy consideration for the microwave hydrodiffusion and gravity extraction of essential oils; developing an integrated process of simultaneously extraction of essential oils and pretreatment of vegetal material for the subsequent extraction of polyphenols; analysis of the obtained extracts.</p> <p>Name and address of employer University "Politehnica" of Bucharest</p> <p>Type of business or sector Research activity</p>	
Education and training	
<p>Dates September 2019 – January 2021</p> <p>Principal subjects Postdoctoral studies in the Operational Programme Human Capital of the Ministry of European Funds through the Financial Agreement 51668/09.07.2019, SMIS code 124705, SIMBA.</p> <p>Name and type of organisation providing education and training University "Politehnica" of Bucharest</p>	
<p>Dates 2014-2017</p> <p>Title of qualification awarded PhD</p> <p>Principal subjects Thesis title: "Nonconventional Techniques for the Separation of Valuable Compounds from Plants"</p> <p>Name and type of organisation providing education and training University "Politehnica" of Bucharest, Doctoral School of Applied Chemistry and Materials Science</p>	
<p>Dates 2012-2014</p> <p>Title of qualification awarded Master of Science</p> <p>Principal subjects Master Speciality "Biofuels, Biorefineries and Related Technologies"</p> <p>Name and type of organisation providing education and training University "Politehnica" of Bucharest, Faculty of Applied Chemistry and Materials Science.</p>	
<p>Dates 2008-2012</p> <p>Title of qualification awarded Chemistry engineer</p> <p>Principal subjects Licence Speciality "Safety and environmental engineering in chemical and petrochemical industries"</p> <p>Name and type of organisation providing education and training University "Politehnica" of Bucharest, Faculty of Applied Chemistry and Materials Science.</p>	

Personal skills and competences					
Mother tongue(s)	Romanian				
Other language(s) Self-assessment European level (*) English France	Understanding	Speaking	Writing		
	Listening	Reading	Spoken interaction	Spoken production	
	C1 Proeficient user	C1 Proeficient user	C1 Independent user	C1 Independent user	C1 Proeficient user
	A2 Basic user	A2 Basic user	A2 Basic user	A2 Basic user	A2 Basic user
Computer skills and competences	Good knowledge of Microsoft Office, MatLab, Mathcad, ChemDraw, OriginLab, EndNote, Design-Expert etc.;				
Social skills and competences	Good communication skills gained through participation in scientific events and developed during teaching career; Team spirit gained through my work experience in national and international research projects.				
Organisational skills and competences	<p>Good organizational skills gained through:</p> <ul style="list-style-type: none"> - my experience as teacher - my involvement as a member of the organizing committee for the National Competition "Chemistry – Art between Sciences"; - my position as assistant manager in the project POC 2014-2020 P_37_471 "Ultrasonic/Microwave Nonconventional Techniques as New Tools for Non-chemical and Chemical Processes – ULTRAMINT" financed by contract: 47/05.09.2016 - my position as secretary of the admission and evaluation committees for Master Programs within the Faculty of Applied Chemistry and Materials Science. 				
Additional information	<p>12 ISI rated articles, 17 papers at international conferences 5 research contracts as research team member Member of the Romanian Chemical Society 1 national patent application</p>				