



Europass Curriculum Vitae

Curriculum Vitae

Personal information

First name(s) / Surname(s)

Irina Atkinson (née Gresoiu)

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Nationality

Romanian

Date of birth

September 26th, 1971

Gender

Female

Desired employment / Occupational

Scientific Researcher 2nd degree

field

Dates

2019 – present

Occupation or position held

Scientific Researcher 2nd degree at the Institute of Physical Chemistry of the Romanian Academy

Main activities and responsibilities

Research activity in the field of physical chemistry of oxide systems; Synthesis of novel materials with tailored properties; Preparation of scientific papers and presentations, contributing to patent application, identifying areas of interest; Management responsibilities.

Name and address of employer

Ilie Murgulescu Institute of Physical Chemistry of the Romanian Academy, 202, Splaiul Independentei, 060021 Bucharest, Romania

Type of business or sector

Research activity

Dates

2014 – 2019

Occupation or position held

Scientific Researcher 3rd degree at the Institute of Physical Chemistry of the Romanian Academy

Main activities and responsibilities

Research activity in the field of physical chemistry of oxide systems; Synthesis of novel materials with tailored properties; Preparation of scientific papers and presentations, contributing to patent application

Name and address of employer

Ilie Murgulescu Institute of Physical Chemistry of the Romanian Academy, 202, Splaiul Independentei, 060021 Bucharest, Romania

Type of business or sector

Research activity

Dates

2010 – 2014

Occupation or position held

Scientific Researcher at the Institute of Physical Chemistry of the Romanian Academy

Main activities and responsibilities

Research activity in the field of physical chemistry of oxide systems, glasses and glass-ceramics

Name and address of employer

Ilie Murgulescu Institute of Physical Chemistry of the Romanian Academy, 202, Splaiul Independentei, 060021 Bucharest, Romania

Type of business or sector

Research activity

Dates

2001 - 2010

Occupation or position held

Assistant Researcher

Main activities and responsibilities

Research activity in the field of physical chemistry of oxide systems, glasses and glass-ceramics

Name and address of employer

Ilie Murgulescu Institute of Physical Chemistry of the Romanian Academy, 202, Splaiul Independentei, 060021 Bucharest, Romania

Type of business or sector Research activity
Education and training
 Dates September 2004-September 2005
 Title of qualification awarded Marie Curie fellowship
 Principal subjects/occupational skills covered "Multinuclear Solid State NMR Investigations of silicate based Ceramic Glazes"
 Name and type of organisation providing education and training University of Warwick, UK
 Dates 2009
 Title of qualification awarded Ph.D in Chemical Engineering
 Principal subjects/occupational skills covered Preparation and investigation of ceramic glazes with improved properties
 Name and type of organisation providing education and training University "Polytechnic" Bucharest, Faculty of Applied Chemistry and Materials Science, Bucharest Romania
 Level in national or international classification ISCED 5
 Dates 1992 - 1998
 Title of qualification awarded Chemical Engineer
 Principal subjects covered Oxide Materials Science and Engineering
 Name and type of organisation providing education and training University "Polytechnic" Bucharest, Faculty of Applied Chemistry and Materials Science, Bucharest Romania
 Level in national or international classification ISCED 5

Personal skills and competences

Mother tongue(s)
 Other language(s)
 Self-assessment
 European level (*)

Romanian

	Understanding		Speaking		Writing	
	Listening	Reading	Spoken interaction	Spoken production		
English	C Proficient 1 user	C Proficient 1 user	C Proficient 1 user	C Proficient 1 user	C Proficient 1 user	C Proficient 1 user
French	B Independent 1 user	B Independent 1 user	A Basic user 2	A Basic user 2	A Basic 2	A Basic 2 user

(*) [Common European Framework of Reference for Languages](#)

Organisational skills and competences

Managerial experience

Functionalized mesoporous bio-glass based 3D scaffolds for hard tissue regeneration (BIOSCAFTIS), PN-III-P2-2.1-PED-2019-0598-Director Project
 Co-project leader of Joint Research Project between Romanian Academy and Hungarian Academy of Sciences "Semiconductor oxide nanostructures for optical and solar applications"
 Research team member in 19 national projects. 2 joint research projects

Technical skills and competences

Physical chemistry of silicates; nanomaterials, glass and glass ceramics, mesoporous bioactive glasses; sol-gel route; hydrothermal method. Expertise in the following techniques for materials characterization: X-ray diffraction (XRD), X-ray fluorescence (XRF), IR spectroscopy and nuclear magnetic resonance (MAS-NMR of ²⁷Al and ²⁹Si)
Publications: 93 scientific published papers in referred journals and conference proceedings, 3 patents, h index 15 (scopus).

Computer skills and competences

ORCID ID: <https://orcid.org/0000-0002-3652-8240>

Other skills and competences

Competent with most Microsoft Office programs, Origin
 Reviewer for ISI journals; Member in organizing Committee of the Summer School of the COST Action MP0902-(COINAPO)-2012 and International Conference Romphyschem 15th edition (2013) and 16th edition (2016).

26.10.2022