PERSONAL INFORMATION

Gabriela Blăniţă

67-103 Donat Str., Cluj-Napoca, 400293, Romania

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Gabriela.Blanita@itim-cj.ro

Nationality Romanian

WORK EXPERIENCE

October 2011 – September 2018

Associated position

Iuliu Hatieganu' University of Medicine and Pharmacy, Faculty of Pharmacy, Department of Medicine Action and Analysis, Medicine analysis, 8 Victor Babeş St., Cluj-Napoca, Romania, www.umfcluj.ro ;

- Didactic activities

Business or sector Education

December 2007 - present

Research position: from research assistant to the senior researcher (CS II)

National Institute for R&D of Isotopic and Molecular Technologies, 65-103 Donath St., Cluj-Napoca, Romania, www.itim-cj.ro;

- Research and development activities: Synthesis of nano and bulk materials; Nanoporous materials: metal-organic frameworks, nanostructured carbons; Hybrid materials; Characterizations: chemical composition, structure, textural properties; Hydrogen storage

Business or sector Research and Development

2006 - 2007

Research assistant

"Raluca Ripan" Institute for Research in Chemistry, 30 Fantanele St., Cluj-Napoca, Romania;

- Research and development activities: Terpenes synthesis by valorization of by-products mixture and/or extraction from different mixtures, characterization by GC chromatography, scale-up synthesis;

Business or sector Research and Development

September 1996 – October 2002

Chemistry and physics teacher

Mihai Viteazu' Secondary School Câmpia-Turzii (2000-2002) and Secondary School Călărași, Cluj;

- Teaching activities

Business or sector Education

EDUCATION AND TRAINING

2010

PhD

Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, 11 Arany Janos St., Cluj-Napoca, 400028, Cluj, Romania;

- Synthesis and characterization of peraza-crown ethers and metal-organic frameworks;

1996

Master of science

Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, 11 Arany Janos St., Cluj-Napoca, 400028, Cluj, Romania;

- Microwave assisted organic syntheses;

1995 **Bachelor of science**

Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, 11 Arany Janos St., Cluj-Napoca, 400028, Cluj, Romania;

- Chemistry and physics;

PERSONAL SKILLS

Mother tongue: Romanian

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C2	C1	C1	C2

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Independent user	Independent user	Independent user	Basic user

- good command of office suite (word processor, spread sheet, presentation software)

ADDITIONAL INFORMATION

Project manager

1. ***Alane nanoconfinement in porous structures for hydrogen storage***, Project ID PN-II-RU-PD-. 2012-3-0377, funding agency UEFISCDI Romania, the project timespan: 2012-2015;

2. ***Hydrogen based technologies, a sustainable alternative to conventional sources of energy***, Project ID PN09-44 01 18, funding agency ANCSI Romania, the project time span: 2015.

3. ***Formic acid/carbon dioxide, a couple for renewable catalytic hydrogen storage,*** Project ID PN-II-RU-TE-2014-4-1326, funding agency UEFISCDI Romania, the project timespan: 2015-2017;

4. ***Metal doped metal-organic-frameworks for energy storage***, Project ID PN-II-ID-JRP-RO-FR-2015-0025, funding agency UEFISCDI Romania, the project timespan: 2016-2019;

5. **Researches for the elucidation of the binding mechanism of molecular hydrogen to Metal Organic Framework (MOF) compound MIL-101**, Ro-JINR collaboration project, topic no. 04-4-1121-2015/2020;

Metrics

- Articles: 32
- Granted patents: 4
- Total times cited: 203
- H-index: 8

Memberships

Romanian Society of Chemistry
Romanian Catalysis Society
Romanian Association for Hydrogen Energy

Identifiers

Web of science Researcher ID: C-4309-2011 (https://publons.com/researcher/1381050/gabriela-blanita/)

ORCID: 0000-0002-5341-3103 (http://orcid.org/0000-0002-5341-3103)

UEFISCDI ID: U-1700-038U-8986 (https://www.brainmap.ro/gabriela-blanita)
Scopus ID: 13204729500
Google scholar: https://scholar.google.ro/citations?user=d0gGlqgAAAAJ&hl=en