



Curriculum vitae Europass

Personal Information



First name / Surname **Radu Ioan Lazău**

Address Politehnica Timișoara University, Faculty of Industrial Chemistry and Environmental Engineering, CAICAM Department, Timișoara, Victoriei Place, no. 2, 300006

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Researcher ID: [B-7270-2011](#); ORCID: 0000-0002-9429-3275

Nationality Romanian

Date of birth [REDACTED]

Sex Masculine

Work experience

2018-present

Position *Associate Professor*

Activities and main responsibilities Teaching and research activities in the field of materials science, ceramics, glass and inorganic binders, inorganic pigments, unconventional synthesis methods, spectroscopic investigation methods.

Name and address of the employer Politehnica Timișoara University, Faculty of Industrial Chemistry and Environmental Engineering, CAICAM Department, Timișoara, Victoriei Place, no. 2, 300006

Business or sector Teaching and research

2009-2018

Position *Lecturer*

Activities and main responsibilities Teaching and research activities in the field of materials science, ceramics, glass and inorganic binders, intelligent multifunctional materials, ceramic micro and nano-composites, nanomaterials, thermoresistant pigments, physical chemistry of solid state, colloidal chemistry, unconventional synthesis methods, spectroscopic investigation methods.

Name and address of the employer Politehnica Timișoara University, Faculty of Industrial Chemistry and Environmental Engineering, CAICAM Department, Timișoara, Victoriei Place, no. 2, 300006

Business or sector Teaching and research

2004-2009

Position *Assistant*

Activities and main responsibilities Teaching and research activities in the field of materials science, ceramic glazes, ceramic and refractory materials, physical chemistry of solid state, thermoresistant pigments.

Name and address of the employer Politehnica Timișoara University, Faculty of Industrial Chemistry and Environmental Engineering, CAICAM Department, Timișoara, Victoriei Place, no. 2, 300006

Business or sector Teaching and research

2003-2004

Position *Teaching assistant*

Activities and main responsibilities Teaching and research activities in the field of ceramic glazes, ceramics and refractory materials.

Name and address of the employer Politehnica Timișoara University, Faculty of Industrial Chemistry and Environmental Engineering, CAICAM Department, Timișoara, Victoriei Place, no. 2, 300006

Business or sector Teaching and research

Personal skills

Mother tongue Romanian

Other languages

Level (*)	Understanding		Speaking				Writing	
	Listening	Reading	Spoken interaction		Spoken production			
English	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user
German	B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user	B1 Independent user	B1 Independent user	A2 Basic user	A2 Basic user
French	B1 Independent user	B2 Independent user	A2 Basic user	A2 Basic user	A1 Basic user	A1 Basic user	A1 Basic user	A1 Basic user

(*) Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Education and training

2010-2012 Technological Practice Supervisor Diploma obtained as a member of the target-group within the strategic project POSDRU 57 / 1.3 / S / 17884 "Specialization of the academic staff for the position of supervisor of technological and research practice"

Education or training organization's name and locality Politehnica Timișoara University

2003-2007 Doctoral Degree in Materials Science and Engineering (MECTS Order No. 3439 of 12.03.2008)

Education or training organization's name and locality Politehnica Timișoara University, Faculty of Industrial Chemistry and Environmental Engineering, Timișoara, Victoriei Place, no. 2, 300006

2003-2004 Master's degree, Non-polluting process technologies

Education or training organization's name and locality Politehnica Timișoara University, Faculty of Industrial Chemistry and Environmental Engineering, Timișoara, Victoriei Place, no. 2, 300006

1998-2003 Engineer degree, Science and engineering of oxide materials

Education or training organization's name and locality Politehnica Timișoara University, Faculty of Industrial Chemistry and Environmental Engineering, Timișoara, Victoriei Place, no. 2, 300006

1995-1998 Highschool diploma

Education or training organization's name and locality "Colegiul Național Bănățean", Timișoara

Job-related technical skills	Specialist in the field of synthesis and characterization of oxide materials with various applications Experienced user trained in using the following research equipment / interpretation of the results: <ul style="list-style-type: none"> - Rigaku ULTIMA IV X-ray diffractometer - Micromeritics ASAP 2020 Specific surface measurement instrument - VARIAN Cary 300 Bio spectrophotometer
Digital skills	Experienced user of MS Office suite, data processing software, 3D graphics design, and dedicated software associated with the above-mentioned investigation techniques.
Significant professional achievements	<ul style="list-style-type: none"> - Member of the Romanian Ceramic Society CEROM - Member of the Teaching Council, Faculty of Industrial Chemistry and Environmental Engineering - Member of the Department Board of Applied Chemistry, Inorganic Compounds and Environmental Engineering- CAICAM - Member of the Research Center for Inorganic Materials and Alternative Energies - MAEA - Member of the Scientific and Organizing Committee of the International Proficiency Testing Conference 2015, 2017. - Member of the target-group and graduate of the modules related to the project "Specialization of the academic staff for the position of supervisor of technological and research practice" POSDRU / 57 / 1.3 / S / 17884 (2010-2012) - Invited reviewer for 9 articles in 4 prestigious ISI publications - Teaching coordinator of an inter-academic exchange agreement with Freiberg TU, Institut für Keramik, Glas- und Baustofftechnik and contact person under an ERASMUS cooperation agreement with Charles University, Prague. - Coordinator of the student internship practice at partners in the industry - RNCIS Responsible (address No. 17906 / 09.12.2011) for the SIMON and MNM specializations with the task to complete the National Register of Qualifications with the data regarding these specializations. - I participated in the preparation of the necessary documentation for ARACIS accreditation of 3 specializations, Faculty of Industrial Chemistry and Environmental Engineering - Project Manager: <i>Re-use of leather industry wastes in the production of thermoresistant pigments containing Cr (III) (CNCSIS), TD 42/2004 (2004-2006), value of 50.000 RON.</i> - Contract Manager with MAERZ Ofenbau S.R.L., <i>Training course on refractory materials.</i> - Member of the implementation team of a project financed by European funds (2010 - 2013): <i>Elaboration and implementation of master programs in the field of micro and nanomaterials (POS DRU, 1,829,940 RON), SOP HRD 86 / 1.2 / S / 58146 .</i> - Trainer within a project funded by European funds (2014-2015): <i>Increasing the attractiveness and performance of doctoral and postdoctoral training programs for researchers in engineering sciences - ATTRACTING POSDRU / 159 / 1.5 / S / 137070.</i> - Member of the implementation team of 7 projects funded from national funds during 2006-2017. - Co-author of one patent - Main author / co-author of 4 books + 1 chapter in a book published in a publishing house abroad. - Co-author of 57 ISI papers in prestigious publications, of which 6 articles in the red area as main author - 607 citations (556 without self-citations), according to SCOPUS, 13.11.2020 - Hirsch index H = 13 - Several prizes awarded for research results (by UEFISCDI) and also in the form of UPT Grants.
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Additional information	References can be provided on request, contact person Cornelia Păcurariu, Professor at Politehnica University, Faculty of Industrial Chemistry and Environmental Engineering, CAICAM Department, Vasile Pârvan Bd. No. 6, Timisoara, tel. 0040256404144, e-mail: cornelia.pacurariu@upt.ro

Timișoara,
13.11.2020