



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **ANDRONIC LUMINITA CAMELIA**
Address(es) Eroilor, 29, 500036, BRASOV, ROMANIA
Telephone(s) +40 741 264922
E-mail andronic-luminita@unitbv.ro
Nationality Romanian
Date of birth 08.04.1972
Gender female

Desired employment / Occupational field Transilvania University of Brasov, Product Design and Environmental Faculty

Work experience

Dates 02.2019
Occupation or position held Professor
Main activities and responsibilities Teaching courses: Chemistry and Wastewater treatment (Bachelor level), Emerging Pollutants: source, advanced processes of depollution and Environmental Chemistry (Master level), Guidance for student thesis, practice guidance (tutoring); Mentoring student scientific research.
Name and address of employer Transilvania University of Brasov, Product Design and Environmental Faculty, Eroilor, 29, 500036, Brasov-Romania
Type of business or sector Education and Research
Dates 03.2013-02.2019
Occupation or position held Associate Professor
Main activities and responsibilities Teaching courses: Chemistry and Wastewater treatment (Bachelor level), Advanced (Waste)Water Treatment and Environmental Chemistry (Master level), Guidance for student thesis, practice guidance (tutoring); Mentoring student scientific research.

Name and address of employer	Transilvania University of Brasov, Product Design and Environmental Faculty, Eroilor, 29, 500036, Brasov-Romania
Type of business or sector	Education and Research
Dates	03.2008-03.2013
Occupation or position held	Lecturer
Main activities and responsibilities	Teaching courses, seminars and laboratories, and academic guidance works
Name and address of employer	Transilvania University of Brasov, Product Design and Environmental Faculty, Eroilor, 29, 500036, Brasov-Romania
Type of business or sector	Education and Research
Dates	10.2003-03.2008
Occupation or position held	Assistant Professor
Main activities and responsibilities	Teaching seminars and laboratories
Name and address of employer	Transilvania University of Brasov, Product Design and Environmental Faculty, Eroilor, 29, 500036, Brasov-Romania
Type of business or sector	Education and Research

Education and training

Dates	08.08.2018
Title of qualification awarded	Habilitation in Environmental Engineering
Name and type of organisation providing education and training	Technical University of Cluj-Napoca-Romania
Dates	06.2010-05.2013
Title of qualification awarded	Postdoctoral researcher
Main activities and responsibilities	Research and reporting according to a set plan in national and international projects (95%). The instruction associated with this research (5%).
Principal subjects/occupational skills covered	Ceramic materials, Semiconductors, Materials synthesis (sol-gel, doctor blade, photochemical deposition, spray pyrolysis deposition), Materials characterisation (XRD, FT-IR, AFM, contact angle, UV-VIS, DSC, optoelectronic properties), Wastewater analysis and treatment, Advanced Oxidation Process, Photocatalysis,
Name and type of organisation providing education and training	Transilvania University of Brasov-Romania
Dates	10.2003-02.2010

Title of qualification awarded **Doctor of Science (Material Science and Engineering)**

Main activities and responsibilities Research and reporting according to a set plan in national and international projects. Research according to a set plan for thesis. Instruction and thesis supervision.

Principal subjects/occupational skills covered Ceramic materials, Semiconductors, Materials synthesis (sol-gel, doctor blade, photochemical deposition, spray pyrolysis deposition), Materials characterisation (XRD, FT-IR, AFM, contact angle, UV-VIS, DSC, opto-electronic properties), Wastewater analysis and treatment, Advanced Oxidation Process, Photocatalysis,

Name and type of organisation providing education and training Transilvania University of Brasov-Romania

Dates 10.2006-02.2008

Title of qualification awarded Master of Science

Principal subjects/occupational skills covered Nanomaterials in Environmental and Industry, Advanced Environmental Chemistry, Metrology in Chemistry, Basic of RES, Advanced Polymers, Sustainable Development, ECO Design, Environmental Impact Assessment, Project Development, Environmental Biotechnology, Electrochemical and Mechanical Corrosion

Name and type of organisation providing education and training Master: Applied Chemistry in Environment and Industry
Transilvania University of Brasov-Romania

Dates 10.1990-07.1995

Title of qualification awarded Bachelor in chemistry and physics

Principal subjects/occupational skills covered Inorganic Chemistry, Organic Chemistry, Analytical Chemistry, Catalysis and Catalyst, Macromolecular Chemistry, Physical-Chemistry, Electrochemistry, Physics of solids,

Name and type of organisation providing education and training Babes-Bolyai University, Faculty of Chemistry and Engineering Chemistry, Cluj-Napoca-Romania

- Training**
- Advances in Nanocomposite materials: preparation and characterization, Bucharest, 2012-grant COST (COST-TS-ECOST-TRAINING_SCHOOL-MP0902-030912-020683).
 - Eco-chemie SPR – Electrochemistry and Corrosion – Seminar and Training, Brasov, Romania, 2006.
 - Atomic Force Microscopy (AFM) - Training, Brasov, 2006.
 - Conservation and Sustainable Development of River Mouth Ecosystems, Wetlands and Lagoons, NATO Science Programme, Advance Study Institute, Galati, Romania, 2004.

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment
European level

Understanding

Listening

Reading

Speaking

Spoken interaction

Spoken production

Writing

English	C2	C2	C2	C2	C2
French	B2	B2	B2	B2	B2

Social skills and competences

- Educational skills. Organization and participation in teamwork with young people.
- I adapt well to multicultural environments and to working in multi-language teams.
- I have a good communication capacity.

Technical skills and competences

- As a part of my research, I was responsible for setting up and maintaining our in-house databases.
- Competences in advanced materials characterization (AFM, SEM, XRD, UV-VIS, FT-IR) and wastewater characterization (UV-VIS, TOC, AAS)

Organisational skills and competences

I was a member in the organizing committee of many international conferences: The International Conference on Trends in Environmental Education-EnvEdu Brasov, Romania, editions: 2005, 2006, The International Conference on Materials Science & Engineering-BRAMAT- Brasov, Romania, editions: 2005, 2007, The International Conference for Sustainable Energy-CSE-Brasov, Romania, edition 2005, 2008, 2011, 2011, 2014, 2017

- Able to contribute effectively to immediate and external teams.
- Able to lead small research teams and/or large fieldwork teams effectively.
- Able to establish and maintain effective communication with other team members.

Computer skills and competences

Microsoft Office, Corel Draw, Origin, ChemOffice, and so on.

Membership in professional and scientific associates	Romanian Society of Chemistry-since 2006
Scientific expert positions	Reviewer in scientific ISI journals: Thin Solid Film, Vacuum, Journal of Hazardous Materials, Chemical Engineering Journal, Materials Science and Engineering B, Materials Letter, Materials Chemistry and Physics, Central European Journal of Chemistry, Desalination, Journal of Catalysis, Applied Catalysis B: Environmental, Molecules.
Peer-review activity for international programs/projects	<p>Technical and scientific evaluator for the national project- UEFISCDI – BRIDGE GRANT, INNOVATIVE CLUSTER, PN II</p> <p>Project evaluator for the international project: WATER JPI 2018, Sultan Qaboos University, University of Camerino, Italy, National Science Centre Poland</p> <p>Technical and scientific evaluator for the international projects: M-ERA NET, COFUND-WATER WORKS ERANET, ERA-SIINN, ERANET-COFASP, ERANET-INCOMERA, ERANET-MARINE BIOTECHNOLOGY, ERANET-PROSAFE, ERANET-MANUNET II</p>
Additional information	<p>Diploma of Excellence in 2013 for remarkable results in a scientific activity offered by Brasov County Council, Romania</p> <p>Guest Editor invited at special issue "<i>Structurally and Elementally Promoted Nanomaterials for Photocatalysis</i>", Journal: International Journal of Photoenergy, 2014.</p> <p>Guest Editor invited at Research Topic: <i>Solid Inorganic Structures for the Catalytic Wet Oxidation of Industrial Organic Pollutants in Water</i>, In Frontiers in Chemistry, 2019 (Impact factor: 3.782 in 2019), Editors: Kun Liu, Luminita Andronic, Jose G. Carriazo.</p> <p>Guest Editor invited at Special Issue "<i>Nanomaterials and Nanotechnology for Detection, Identification and Removal of Contaminants</i>", in Nanomaterials (Impact Factor: 4.034 in 2019), Editors: Luminita Andronic, Smagul Karazhanov, Vitor Vilar</p> <p>Author and co-author of scientific and professional papers over 65 publications in peer-reviewed journals and conference proceedings, 41 publications indexed in ISI Thomson Journals (18 as the main author, 22 as co-author), 4 chapters in the monograph, 2 books. Member and a scientific responsible in national and international grant and project. More than 650 citations according to Scopus and WEB of Science, participation on many national and international conferences.</p> <p>H index=16</p>