

Curriculum Vitae

Personal information

Name:	Teacă Carmen-Alice
Date and place of birth	June 7 th , 1968, Iași
Address:	41A Grigore Ghica Voda Alley, Iași, 700487
Gender:	female
Nationality:	romanian
Phone number:	0232-217 454
E-mail:	cateaca@icmpp.ro; cateaca14@yahoo.com
Maternal Language:	romanian
Foreign language:	english

Studies

	<ul style="list-style-type: none">• 2002 - PhD Chemical Engineering (topic: photosynthetic biosensors as indicators of environmental pollution), Technical University of Iași, Faculty of Industrial Chemistry
	<ul style="list-style-type: none">• 1997- MSc Non-conventional methods for chemical processing of wood and other vegetal resources, Technical University of Iași, Faculty of Industrial Chemistry• 1993 - BScEng Technology of pulp, paper and artificial fibers, Technical University of Iași, Faculty of Industrial Chemistry

Involvement in projects (director or member – *selection from last 10 years*)

	<ul style="list-style-type: none">• Proiect PN-II-ID-PCE-2011-3-0187 Romanian National Authority for Scientific Research and Innovation UEFISCDI Research on the behavior of polymers under the action of environmental factors Project director dr. Dan Roșu 2011-2016 (member of the research team)<ul style="list-style-type: none">• Project number ERANET-ERA IB-16-040-ProWood Wood and derivatives protection by novel bio-coating solutions (ProWood) Romanian National Authority for Scientific Research and Innovation CCCDI-UEFISCDI - within PNCDI III Project coordinator dr. Dan Roșu 2017-2019 (member of the research team)
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Scientific Domains

- separation and physical–chemical characterization of natural polymers from wood and other vegetal resources;
- chemical modification of wood and its polymer components for applications in composite materials;
- physical–chemical characterization of polymers and multi-component polymeric materials (blends, composites);
- investigation of general behavior of natural polymers and multi-component polymeric materials under exposure to environmental factors action

Personal Skills

- ability to analyze and synthesize information
- capacity for abstraction
- ability and willingness to learn
- teamwork
- communication, detail oriented
- adaptability, empathy

Skills related to the research activity

- technical skills: computer skills (searching for information: data collection and analysis of information from different sources)
- note taking skills
- problem-solving skills: creativity, critical thinking, and analytical skills
- attention to detail
- communication skills
- teamwork and collaboration
- time management (planning and scheduling)
- professionalism and strong work ethic
- reports/scientific articles writing (selection of the appropriate topic, finding relevant sources, ability to evaluate the sources, ability to draw interpretations, language proficiency, organizing information, time management)

Digital skills

- computing and information proficiency
- basic computer skills
- graphics design
- data analysis

Scientific Contribution

- 57 Web of Science Core Collection publications (17 first author; 26 corresponding author)
- 1 book as editor (Woodhead Publishing)

- 13 book chapters (Elsevier, Wiley, Springer, Royal Society of Chemistry, Woodhead Publishing, Wiley-Scrivener Publishing, Smithers Rapra)

Scientific Visibility (Hirsch, Citations, etc.)

- Hirsch index: 20
- Citations - Times Cited: 1675 (total); 1611 (without self-citations); 29.39 (average per item)