

CURRICULUM VITAE

A. Personal information

Name and surname: **LISA CĂTĂLIN**

Date and place of birth: **Iași, 10.06.1964**

Present academic position: **Lecturer**

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<https://orcid.org/0000-0003-2043-9726>

<https://scholar.google.com/citations?user=U1alm6QAAAAJ&hl=ro&oi=ao>

https://www.researchgate.net/profile/Catalin_Lisa



B. Education

„Gheorghe Asachi” Technical University of Iași, Faculty of Industrial Chemistry, technology of macromolecular compounds specialization, engineer (**1988**)

PhD Diploma, Thesis: Applications of artificial intelligence in the engineering of polymerization reactions, thesis supervisor Professor Victor Bulacovschi (**2009**)

C. Professional experience

1990-1991: Preparer; **1991-1998:** Assistant Professor; **1998 - present** Lecturer at „Gheorghe Asachi” Technical University of Iași, “Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection.

D. Teaching activities: Transfer phenomena, unit operations and equipment 2; Hydrodynamic operations, Mass transfer operations; Rheology; Scale transposition of processes in the chemical industry; Modeling and design of chemical reactors – project; Transfer phenomena, unit operations and equipment-project; Mass transfer operations – project.

E. Research interests:

1. Application of artificial intelligence tools in chemical engineering, 2. Mass and thermal transfer studies, 3. Study of thermodynamic properties of multicomponent systems

Keywords: artificial intelligence, modeling and simulation, mass transfer, excess thermodynamic properties.

F. Summary of the research activity: Books/book chapters: **2**, WoS papers = **40**; Total no. of grants = **5**; no. of grants as project manager = **1**. Scientometrics indicators: Hirsch index: H=**9** in Web of Science; H=**9** in Scopus; H=**11** in Google Scholar. The total number of citations: **157** - according to Web of Science; **170** - according to Scopus and **216** - according to Google Scholar.

G. Other academic activities:

Activities in committees in the faculty, university and at the national level, management activities:

Member of the admission committee in the academic year 2011-2012.

Member of the license commissions.

Member of professional associations: member of the Chemical Engineering Society since 1992.

Awards, distinctions, medals, decorations: Bronze Medal - at Euro Invent 2010 for the paper New applications of artificial intelligence tools in molecular design, authors Lisa Gabriela, Apreutesei Daniela, Lisa Catalin, Curteanu Silvia.