

Curriculum Vitae

Personal details

First name / Surname **Elena HAMCIUC**
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E-mail ehamciuc@icmpp.ro; ehamciuc@yahoo.com
Nationality Romanian
Date / place of birth May 10, 1957; Tutora - Iasi, Romania
Gender Female

Education

- Ph.D. (April 1996), “Gh. Asachi” Technical University of Iasi, Romania; topic: Polymers for high performance applications (resistant at high temperatures) (Advisor: Acad. Prof. Cristofor I. Simionescu);
- Four research post-doctoral stages (1998-2006) and a DAAD fellowship (2001) at Institute of Thin Films and Microsensors from Teltow, Germany;
- B.S. (July 1982), “Gh. Asachi” Polytechnic Institute of Iasi; Faculty of Chemical Technology, Department: Macromolecular Compounds Technology;
- July 1977: Industrial Chemistry High School, Iasi.

Professional experience

1984-present: “Petru Poni” Institute of Macromolecular Chemistry (ICMPP), Iasi, Polycondensation and Thermostable Polymers Department, Senior Researcher;
2000-present: Scientific researcher II; 1997-2000: Scientific researcher III; 1990-1997: Scientific researcher; 1986-1990: Chemical Engineer;
Visiting Scientist: Budapest-Hungary (1991, 2005 and 2006 (1 week each), 1996 and 1997 (2 weeks each)); Moscow-Russia 1995 and 2002 (2 weeks each)); Sofia-Bulgaria (2011, 2013, 2014, 2016, 2017 (1 week each));
Sept. 1982 – May 1984: Plant of Polyamidic Fibres, Roman - Neamt, Romania: Probationer Engineer.

Publications

147 scientific articles in national and international journals;
49 scientific articles in volumes of national and international conferences;
5 books in Romania;
8 chapters in different books;
12 patents;
16 other applicative research reports (during 1986-1990).
Over **60** scientific papers (lectures, communications, posters) presented in Scientific Meetings, Symposia and Conferences, in Romania and abroad;

Involving in research projects

- **3** *Projects* by competition (as *director/responsible*);
- **11** *National projects* and *one international*, by competition (as team-member).

Scientometrics indicators

Hirsch index, **h=20**; total number of citations, without self-citations: **838** (according to Web of Science).

Awards and Memberships	<ul style="list-style-type: none"> - Diploma and medal at Innovation National Exhibition CHIM-INVENT 2013, Iasi, Romania; - Gold medal at the International Exhibition of Inventions, Inventika 2009, Bucharest, Romania; - The Romanian Academy Prize for Chemistry, “Nicolae Teclu”, 1999; - Prize I at the Symposium „Linear and nonlinear polyelectrolytes”, Iasi, Sept. 1999; - Member of the Romanian Chemical Society (since 2000). - Member of the Advisory Board of “<i>Bulletin of Micro and Nanoelectrotechnologies (Bucharest)</i>”, since 2011.
Research interests	<ul style="list-style-type: none"> - Heterocyclic thermostable polymers; - Polymeric materials with piezoelectric and electrostrictive properties; - Polymer composites and nanocomposites; - Polyetherimides for gas separation membranes; - Functionalised heterocyclic polymers; - Fluorine and silicone-containing heterocyclic polymers; - Polyimide/polydimethylsiloxane copolymers.
Technical skills and competences	<ul style="list-style-type: none"> - Synthesis and characterization of heterocyclic polymers; - Polycondensation techniques; - Chemical modification of polymers; - Processing of the heterocyclic polymers as thin films or coatings; - Preparation of polymeric composites and nanocomposites; - Sol-gel technique.
Language	<p>Mother tongue: Romanian; other languages: English, French.</p>
International collaborations	<p><i>Interacademic cooperation with:</i> Institute of Element Organic Compounds, Moscow-Russia; Central Institute of Chemical Research, Budapest-Hungary; Institute of Thin Film Technology and Microsensors, Teltow-Germany; Institute of Mineralogy and Crystallography and Institute of Catalysis, Sofia-Bulgaria (team-member).</p>

12.03.2020

