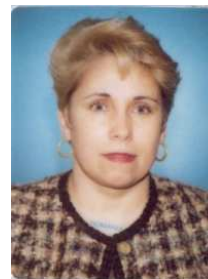




Europass Curriculum Vitae

Personal information



First name(s) / Surname(s) **BENEA LIDIA**

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Web page <http://www.cc-ites.ugal.ro/>
<http://www.researcherid.com/rid/B-9653-2011>

Nationality Romanian

Gender F

Work experience

Dates	October 2006 – These days
Occupation or position held	Full Professor. General Manager CC-ITES – Competences Center Interfaces – Tribocorrosion and Electrochemical Systems. Supervisor Doctoral Studies
Main activities and responsibilities	Teaching and research: Chemistry lectures (general and inorganic) for first year students, Chemical Technology for third and graduate students. Corrosion and surface protection for engineer degree. Master courses: Fundamentals of Metal Electrodeposition, Micro and Nano Structured Composite Coatings. Supervisor master degree in Nanotechnologies and Multi-Functional Materials. Supervisor Ph.D. Thesis Materials Engineering.
Name and address of employer	Dunarea de Jos University, Faculty of Metallurgy, Materials Science and Environment, 47 Domneasca Street, 800008 Galati, Romania.
Type of business or sector	University Engineering School (Faculty) in Metallurgy, Materials Science and Environment.
Dates	Jun – July 2005, Jun – July 2006, December 2007, December 2008, Jun-July 2009, Jun- July 2010, October 2011.
Occupation or position held	Invited professor.
Main activities and responsibilities	Teaching and research. Teaching and research: Tribocorrosion of nanostructured composite coatings and passivable metals and alloys: research and laboratory courses. Supervisor of master student research projects on experimental methods and materials for human implants. Resin-modified glass ionomer restorative material for tooth structures. Composite coatings obtained by electrochemical co-deposition. Supervisor joint PhD Thesis.
Name and address of employer	ECOLE CENTRALE PARIS, Grand Voie des Vignes, 92295 Chatenay Malabry cedex, France.
Type of business or sector	University – Engineering School.
Dates	September 2004 – September 2006

Occupation or position held Associate professor – Senior Lecturer.

Main activities and responsibilities Teaching and research: Chemistry lectures (general and inorganic) for first year students, Chemical Technology for third and graduate students. Corrosion and surface protection for engineer degree. Supervisor master degree.

Name and address of employer Dunarea de Jos University, Faculty of Metallurgy and Materials Science, 47 Domneasca Street, 800008 Galati, Romania.

Type of business or sector University – Engineering School.

Dates JULY – AUGUST 2004

Occupation or position held Invited professor. Invited Senior Researcher.

Main activities and responsibilities Invited professor
Research and teaching on Surface treatments to improve the corrosion and wear resistance of materials. Research work on electrocodeposition of ceramic nano-crystals with metals and properties investigations (wear-corrosion, SEM, XRD, electrochemical corrosion) of obtained composite coatings.

Name and address of employer Trento University, Department of Materials Engineering, Via Mesiano 77, 38050 Trento, Italy

Type of business or sector University – Engineering School.

Dates February 2004, Mai- Jun 2004

Occupation or position held Invited professor.

Main activities and responsibilities Teaching and research: Tribocorrosion of microstructured composite coatings and passivable metals and alloys: research and laboratory courses. Supervisor of student research projects on experimental methods and materials.

Name and address of employer ECOLE CENTRALE PARIS, Grand Voie des Vignes, 92295 Chatenay Malabry cedex, France

Type of business or sector Engineering University.

Dates September 2003 - December 2003

Occupation or position held Invited professor.

Main activities and responsibilities Teaching and research: Tribocorrosion of passivable metals and alloys: research and laboratory courses. Supervisor of student research projects on experimental methods and materials.

Name and address of employer ECOLE CENTRALE PARIS, Grand Voie des Vignes, 92295 Chatenay Malabry cedex, France.
Invited professor

Type of business or sector Engineering University.

Dates September 2002 - February 2003

Occupation or position held Invited professor.

Main activities and responsibilities Teaching and research: Tribocorrosion of cobalt alloys: research and laboratory courses. Supervisor of student research projects on experimental methods and materials.

Name and address of employer ECOLE CENTRALE PARIS, Grand Voie des Vignes, 92295 Chatenay Malabry cedex, France.

Type of business or sector Engineering University.

Dates March 2002 - September 2002

Occupation or position held Associate professor.

Main activities and responsibilities Teaching and research: Chemistry lectures (general and inorganic) for first year students, Special materials lectures for master degree. Corrosion and surface protection for engineer degree. Supervisor master degree.

Name and address of employer Dunarea de Jos University, Faculty of Metallurgy and Materials Science, 47 Domneasca Street, 800008 Galati, Romania.

Type of business or sector	University – Engineering School (Faculty).
Dates	July 2001 and September 2001 - February 2002
Occupation or position held	Invited professor.
Main activities and responsibilities	Teaching and research. Tribocorrosion of cobalt alloys: research and laboratory lectures. Supervisor of student research projects on experimental methods and materials.
Name and address of employer	ECOLE CENTRALE PARIS, Grand Voie des Vignes, 92295 CHATENAY Malabry cedex, France.
Type of business or sector	Engineering University.
Dates	Jun 2000 - Jun 2001
Occupation or position held	Invited Senior Researcher.
Main activities and responsibilities	Research and teaching on electrodeposition of composite coatings and wear corrosion (tribocorrosion) of materials.
Name and address of employer	ECOLE CENTRALE PARIS, Grand Voie des Vignes, 92295 CHATENAY Malabry cedex, France Invited Senior Researcher
Type of business or sector	Engineering University.
Dates	March 1999 - Jun 2000
Occupation or position held	Invited professor
Main activities and responsibilities	Research and teaching on Surface treatments to improve the corrosion and wear resistance of materials. Research work on electrocodeposition of ceramic nano-crystals with metals and properties investigations (wear-corrosion, SEM, XRD, electrochemical corrosion) of obtained composite coatings.
Name and address of employer	Trento University, Department of Materials Engineering, Via Mesiano 77, 38050 Trento, Italy.
Type of business or sector	Engineering University
Dates	October - November 1999
Occupation or position held	Post doctoral Research Grant of French Government.
Main activities and responsibilities	-Research on composite coatings from preparation to characterization. -Research on electrochemical techniques (EIS) to study the codeposition mechanism and kinetic
Name and address of employer	CNRS, UPR 15, Laboratory "Physique des Liquides et Electrochimie", Université Pierre et Marie Curie (Paris VI), 4 Place Jussieu, 75252 Paris Cedex 05, France.
Type of business or sector	University Pierre et Marie Curie Paris.
Dates	December 1998 - March 1999
Occupation or position held	Associate professor.
Main activities and responsibilities	Teaching and research: Chemistry lectures (general and inorganic) for first year students, Experimental methods lectures. Corrosion and surface protection for Engineer degree. Supervisor engineer degree.
Name and address of employer	Dunarea de Jos University, Faculty of Metallurgy and Materials Science, 47 Domneasac street, 800008 Galati, Romania.
Type of business or sector	Engineering University.
Dates	March 1998 - December 1998
Occupation or position held	NATO Post Doc Research Grant in Composite coatings.
Main activities and responsibilities	Research on Electrochemical and Wear Corrosion of Composite Coatings Obtained by Electrodeposition.
Name and address of employer	ECOLE CENTRALE PARIS, Grand Voie des Vignes, 92295 CHATENAY Malabry cedex, France.

Type of business or sector	Engineering University.
Dates	March - July 1997
Occupation or position held	TEMPUS INDIVIDUAL MOBILITY GRANT, from European Community to improve the courses in Electrochemistry and Corrosion.
Main activities and responsibilities	Research on Corrosion Study of Concrete Reinforcing Steel by Impedance Spectroscopy and Linear Polarisation Methods.
Name and address of employer	ECOLE CENTRALE PARIS, Grand Voie des Vignes, 92295 CHATENAY Malabry cedex, France.
Type of business or sector	Engineering University.
Dates	January 1991 - March 1998
Occupation or position held	From Assistant professor, Lecturer to Associate professor.
Main activities and responsibilities	Lectures and laboratory practice courses in Corrosion and Protection, Electrochemical Processes, Physical Chemistry, Crystallography, New performed materials and General and Inorganic Chemistry for Engineering Degree.
Name and address of employer	Dunarea de Jos University, Faculty of Metallurgy and Materials Science, 47 Domneasca street, 6200 Galati, Romania.
Type of business or sector	Engineering University.
Dates	1980 - 1990
Occupation or position held	Researcher, Senior Researcher, Laboratory head.
Main activities and responsibilities	Project Director. Electrochemistry, Corrosion, Surface Finishing, Protective Coatings and Materials Science from technology to industrial application. Partial work: Assistant Professor "Dunarea de Jos" Univeristy of Galati. <i>Teaching activity:</i> Corrosion and Protection, Electrochemical Processes, Physical Chemistry, Crystallography, New performed materials and General and Inorganic Chemistry for engineering degree.
Name and address of employer	Research Institute for Steel Plate and Metal Coatings (I.C.P.P.A.M.) of Galati, Romania
Type of business or sector	Research Institute (R&D).
Dates	1977 - 1980
Occupation or position held	From Technical Office to head of Laboratory for Quality Control.
Main activities and responsibilities	Work organizer; Laboratory analysis: water, chemical products; Water technology demineralization; Water technology purification; Ammoniac, sulfuric acid, phosphoric acid and urea technology fabrication.
Name and address of employer	Chemical Fertilisers Factory, in the city of Bacau, Romania.
Type of business or sector	Chemical Industry.

Education and training

Dates	1991 - 1996
Title of qualification awarded	DOCTOR OF SCIENCE IN CHEMISTRY. DIPLOMA Series N No. 001335 Doctor Degree (Ph.D. – Doctor of Philosophy)
Principal subjects/occupational skills covered	Materials. Electrochemical Impedance Spectroscopy Method to Study the Composite Coating Codeposition and Electrochemical Corrosion. Comparative Surface Morphology of Metal and Composite Coatings obtained by Electrodeposition, Comparative Corrosion Properties of Modified Surfaces.

Name and type of organisation providing education and training	Dunarea de Jos University, Faculty of Metallurgy and Materials Science, 47 Domneasac street, 80000 Galati, Romania. University Doctoral School. Doctoral studies.
Level in national or international classification	DOCTOR OF SCIENCE IN CHEMISTRY. Doctor Degree (Ph.D. Doctor of Philosophy). Thesis: Obtaining and Structural Analysis of Composite Coating Materials.
Dates	1994 - 1995 (Government Grant for doctor degree research work).
Title of qualification awarded	To whom it may concern for the work done on PhD research subjects (Attestation - Certificate).
Principal subjects/occupational skills covered	Postgraduate studies in Physical Chemistry - Electrochemistry focusing on: -Electrochemical impedance spectroscopy and potentiodynamic measurements to obtain and characterise the composite coatings materials. -Scanning Electron Microscopy (SEM) and X-ray Energy Dispersive Analyse (EDS).
Name and type of organisation providing education and training	Eötvös Lorand University of Budapest and Hungarian Academy of Sciences, Hungary Department of Physical Chemistry; H-1518 BUDAPEST 112; Po Box 32.
Level in national or international classification	Doctoral scholarship (Grant). Scientific Reports: Review of composite coatings materials; Thermodynamic and kinetic of metals electrodeposition; Structural methods for coating analysis. Electrochemical methods for surfaces investigation.
Dates	1985 - 1986
Title of qualification awarded	Postgraduate (Master) Diploma in Corrosion and Corrosion Protection: DIPLOMA Series B No.2392.
Principal subjects/occupational skills covered	-Fundamentals of Corrosion, -Surface Finishing and Protective Coatings, -Electrochemical Methods for Corrosion research. -Electrodeposition Studies for Alloys electrocrystallisation mechanism.
Name and type of organisation providing education and training	Polytechnica University of Bucharest, Faculty of Chemical Engineering Calea Grivitei 132; 78122 BUCHAREST, Romania.
Level in national or international classification	Master Degree (Corrosion and Corrosion Protection). Thesis: Zn-Fe alloys obtained by electrodeposition.
Dates	1978
Title of qualification awarded	Quality Assurance Certificate. Certificate number: 9912/28-11-1978.
Principal subjects/occupational skills covered	Fiability, maintenance, quality control, quality assurance in industrial chemistry. Analytical methods for quality control. Assurance Quality laws.
Name and type of organisation providing education and training	Polytechnica University of Bucharest, Faculty of Chemical Engineering. Calea Grivitei 132; 78122 BUCHAREST, Romania.
Level in national or international classification	Certificate (Attestation) of skills obtained in Quality Assurance in Chemical Industry. Thesis: Statistic methods to improve the quality control of sulfuric acid production.
Dates	1972 - 1977
Title of qualification awarded	M.S. IN CHEMISTRY. Faculty Degree in Chemistry. DIPLOMA No.493/ 06.03.1978 With the Senate Recommendation for research work and skills.
Principal subjects/occupational skills covered	Student in Chemistry. University Degree. Student in Chemistry. Diploma in Chemistry. -General Chemistry, Inorganic Chemistry, Organic and Macromolecular Chemistry, Chemical technologies. -Catalytic processes. -Physical Chemistry.

Name and type of organisation providing education and training
Level in national or international classification

-Surfaces Chemistry.
Polytechnica University of Bucharest, Faculty of Chemistry.
Calea Grivitei 132; 78122 BUCHAREST, Romania.

M.S. IN CHEMISTRY.
Diploma of Licence in Chemistry.
Thesis: **Obtaining and adsorption properties of silicon oxide particles for using in the Catalytic area.**

Dates

1959 - 1971

Title of qualification awarded

High SCHOOL LEAVING DIPLOMA.
Diploma Series E No. 16765.

Principal subjects/occupational skills covered

Primary School
Secondary and
High School.

Name and type of organisation providing education and training

High School no. 2 of Radauti, county of Suceava, Romania.

Level in national or international classification

Mathematic,
Physique and
Chemistry.
Bachelor degree.

Personal skills and competences

Mother tongue(s)

Romanian

Other language(s)

Self-assessment

European level (*)

Language

Language

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	English	C1	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
C1	French	C1	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
A2	Italian	A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user

(*) Common European Framework of Reference for Languages

Social skills and competences

- Team spirit;
- Good ability to adapt to multicultural environments, gained though my work experience abroad;
- Good communication skills gained through my experience as member of Management Committee of COST European Projects.

Studying and working experience in multicultural environment.

I have experience in multicultural environment: Romanian, Hungarian, French and Italian the most important as time of studies and work.

- During University studies and work in Romania I achieved experience to work in industrial environment during three years. After in a Research Institute as Researcher and Research Projects manager, where I have coordinate many research groups I achieved competencies to manage and doing research in materials engineering (surface treatments, new materials, electrochemistry, corrosion and corrosion protection) in Romanian environment. Starting from 1991 I achieved experience to teach and work with Romanian student groups in the same area at Galati University.
- During 1994 - 1995 I studied (for doctoral thesis, PhD) in Hungary at Eötvös Lorand University of Budapest and Hungarian Academy of Sciences focusing on the electrochemical impedance spectroscopy and potentiodynamic measurements to obtain and characterise the composite

coatings materials. Competencies and experience achieved on electrochemical techniques to study the materials behaviour in different corrosive systems in the Hungarian environment.

- 1997 and 1998 as TEMPUS and NATO grant for a postdoctoral formation at Ecole Centrale Paris, France, I achieved experience in tribocorrosion and corrosion behaviour of materials, structural analysis of materials by electronic microscope techniques, X. ray disperse analysis and 2D - 3D surface micro-topography and image analysis.

I achieved experience to work with French students and co-workers as well as with different nationalities postgraduate co-workers: Italian, Polish, Czech, and Arabian.

- April 1999 to Jun 2000: Temporary work at Trento University Department of Materials Engineering, Italy, as invited professor, and senior researcher, Working group of Prof. P. L. Bonora. I give courses in Surface treatments by electrodeposition to improve the corrosion and wear resistance of materials. Research work on codeposition of ceramic nano-crystals with metals and properties of obtained composite coatings.

I achieved experience to teach, manage and do research work with Italian students and co-workers.

- Jun 2000 to Jun 2001, September 2001-February 2002, September 2002- February 2003, September 2003-December 2003, February 2004, Mai- Jun 2004, Jun – July 2005, Jun – July 2006 : As Invited Senior Researcher Scientific and Invited Professor (Temporary work) at ECOLE CENTRALE PARIS, C.F.H. Laboratory. I achieved competencies in doing Research and Teaching on electrodeposition and wear corrosion of materials. Experience in work with French co-workers, French students and others Students nationalities as Swedish, German, Italian, Arabian, Czech, and Polish, which studied at that time at Ecole Centrale Paris. Also in the same time I achieved experience in Management and Organisation of the French Research Projects and Laboratory Practice as well as European Project (EREBIO -FP5).

- During 1998-2007 as member of Management Committee of COST 533 Materials (Materials for Improved Wear Resistance of Total Artificial Joints), COST D33 (Nanoscale Electrochemical and Bio-Processes at Solid-Aqueous Interfaces of Industrial Materials), COST D19 CHEMISTRY – Chemical Functionality to Nanometer Scale, COST 520 (Biofouling and Materials) and COST 521 (Corrosion of Steel in Reinforced Concrete Structures) european actions. I achieved experience and competencies in working with many nationalities partners (French, Italian, German, Swedish, Finnish, Spanish, Portugal, Hungarian, English, in the management of budgets and projects. At the same time I have been the manager of Romanian projects:

-RO1-Comparative corrosion studies of Zn-Fe alloy coatings and Zn coatings on steel reinforcing structures, RO-Marine bio - corrosion of SiC-Ni nano-structured composite coatings, RO-Electrochemical Aspects and Bio - Tribocorrosion Properties of Actually Used Nickel Based Alloys and Alternative Materials and Coatings in artificial joints, WG2-RO-Electrochemical and biotribocorrosion studies of interfaces between (composites, metallic, polymeric, ceramic) materials and micro organisms, M1-WG3- TRIBOCHEMISTRY: Nano-structured composite coatings obtained by electrodeposition to be used in tribocorrosion systems: processing and properties investigation.

- 2005-2006: Competencies and experience in working and organise exchange of researchers with French people, as director of Romanian part, in the Bilateral Research Project between Romania and France PAI-BRANCUSI ("Dunarea de Jos" University of GALATI, Romania – Ecole Centrale Paris, Laboratoire LGPM). *Etude de dépôts composites nanostructurés, pour la protection des surfaces métalliques contre la tribocorrosion.*

- 2003-2005: Competencies and experience in working and organise exchange of researchers with Belgium people, as director of Romanian part, in the Bilateral Research Project between Romania and Belgium ("Dunarea de Jos" University of GALATI, Romania - Katholieke Universiteit Leuven, Belgium): *" Tribocorrosion of engineering materials in view of their industrial use as sliding parts in pumps, shafts, and motors operated in water-lubricated conditions".*

- 2002: Competencies in working with German people in the frame of bilateral research project: between Dunarea de Jos" University of GALATI, Romania and Chemnitz University of Technology -Germany, as co-worker.

- Good writing and redactional skills acquired in many publications with different nationality co-workers: Italian, French, and Belgian (Publications List and Books).

- Oratory speaker during plenary, keynote and oral presentations on national and international

level acquired at National and International Scientific Congresses, Europe, Japan, USA and Canada, see Conferences at International Congresses.

Organisational skills and competences

- ▶ Individual and team work, team-oriented and good communication skills.
- ▶ Research management experience at national and European level.
- ▶ Coordination of people and projects in Romania as project manager and working group manager as well as organization of student's courses, student's laboratory practice at "Dunarea de Jos" University of Galati.
- ▶ Budgets administration of managed research projects during the Romanian work at Research Institute as well as at University, Dept. of Metallurgy and Materials Science.
- Coordination, administration of people, projects and students during temporary work in France, and Italy in the periods mentioned above.
- ▶ Management competences achieved during the period of Management Committee Member of European Projects: COST 533 Materials (Materials for Improved Wear Resistance of Total Artificial Joints), COST D33 (Nanoscale Electrochemical and Bio-Processes at Solid-Aqueous Interfaces of Industrial Materials), COST 521 (Corrosion of Steel in Reinforced Concrete Structures) and COST 520 (Biofouling and Materials), COST D19 CHEMISTRY – Chemical Functionality to Nanometer Scale, COST 636 - Xenobiotics in the Urban Water Cycle.
- ▶ Organisation and Coordination skills achieved as member in International Scientific Committee and Chairman of sessions at different International Congresses and Scientific organisation:
 - Member of International Scientific Committee BIOCORYS 2007 – International Conference on Biocorrosion of Materials. 11-14 June, Paris, France.
 - CHAIRMAN of WP 18 Tribocorrosion - Knowledge dissemination and training, European Federation of Corrosion;
 - Member of International Scientific Committee EUROCORR 2003, Budapest, Hungary;
 - Chairman of Session "Tribocorrosion Aspects of Coatings" Eurocorr 2003;
 - Chairman of Session "Coatings", 15th International Corrosion Congress, 2002, Granada Spain;
 - Chairman of Session "Deposition", International Society of Electrochemistry, 49th Annual Meeting, Kitakyushu, Japan, September 13-19, 1998.
- ▶ Organisation of people and scientific activities at European level:
 - During 2002 with Prof J. P. Celis (Katholieke Universiteit Leuven) Dr. P. Ponthiaux and F. Wenger (Ecole Centrale Paris), I participate at organization and implementation of a new Working Party, WP18 -Tribocorrosion, in the European Federation of Corrosion.
 - Vice chairman of COST D33 –Chemistry, European action. WG1 Leader and Project manager.
 - COST D33 Action - MC member.
 - MC member COST 533.
- ▶ Organisation and administration of Socrates Erasmus Programme for students mobility and training between Dunarea de Jos University of Galati, Ecole Centrale Paris, Trento University and Katholieke Universiteit Leuven, on the signed bilateral agreements for Materials Science.
- ▶ Organisation and administration of people and projects during the project proposal as manager titled: "*Nano-structured composite coatings obtained by electrodeposition to be used in tribocorrosion systems: processing and properties investigation*", accepted in the COST 532 action: TRIBOSCIENCE AND TRIBOTECHNOLOGY, WG3 TRIBOCHEMISTRY Project M1. The project is collaboration between Romania, France, Belgium, Italy and Hungary and Others European Projects.

Technical skills and competences

Good command of quality control processes acquired through training.
Skills and competences in specialized electrochemical instruments, scanning electron microscopy and ultra high microtopography acquired through work experience abroad.

Computer skills and competences

Very good computer technical skills: Microsoft Office, Word, Excel, PowerPoint, Photo Paint, CorelDraw, Origin, Internet. Art work.

Acquired through work, seminars, conferences, etc.

Specific area of activity

TEACHING AND RESEARCH

Chemistry

- Electrochemical studies and methods. Chemical technologies. Surface Chemistry.
- Corrosion and wear corrosion (tribocorrosion) of materials (mechanisms and kinetics).
- Fundamentals of Metal Electrodeposition,
- Micro and Nano Structured Composite Coatings.
- Research on surface modifications technologies to improve the corrosion and wear resistance of materials.
- Research on environment compatibility of triboreactive materials and lubricants.
- Development and understating of surface reactivity.
- Research on lubricants and additives.
- Electro analytical methods of investigations.
- Kinetic and mechanism of materials (metallic, coatings) degradation by combined action of corrosion and wear= tribocorrosion.

Materials Engineering

- Nano and micro structured composite coatings, complex degradation, biomaterials passive state, corrosion, kinetic, tribocorrosion
- Surface treatments by electrodeposition of metals, alloys and composites to improve the corrosion and wear resistance of materials.
- Degradation of Materials by Corrosion and wear corrosion, Tribocorrosion , Biocorrosion.
- New materials obtained by co-deposition of dispersed particles with metals and alloys to obtain micro and nano structured coatings.
- Nanomaterials.
- Electrocatalytic activity of metal matrix composite coatings obtained by electrocodeposition.
- General and Inorganic Chemistry.
- Industrial Wastewater treatments.
- Resin-modified glass ionomer restorative materials for tooth structures

Materials characterisation:

- DC and AC electrochemical measurements,
- Scanning electronic microscope,
- Transmission electronic microscope,
- X-ray disperse analysis,
- 2D -3D surface micro topography and surface analysis;

Driving licence

Category B

Additional information

MEMBERSHIP:

International Society of Electrochemistry (ISE);
ECS - The Electrochemical Society Inc. (ECS USA);
CEFRACOR France;
Romanian Society of Chemistry.

EXPERT EVALUATOR: European Commission – RDG Science Research and Development, Engineering Science Panel, Chemistry Panel.

Identification: FP5: EE19981A24009.

Intas Expert: ID-4458.

FP6: EX2002B002205, FP7:

Expert CNCSIS 2004-2008.

National Expert Register 2005-20011.

CHAIRMAN of WP 18 Tribocorrosion – Action: Knowledge dissemination and training, European Federation of Corrosion.

Vice Chair of COST D33 - Chemistry

10 Prize and Diplomas at Scientific National Conferences for scientific and technical presentations.

Annexes

Specific Achievements:

► Over 400 citations of own ISI articles in ISI publications.

Site web:

http://scholar.google.com/scholar?as_q=&num=10&btnG=Recherche+Scholar&as_epq=&as_oq=&as_eq=&as_occt=any&as_sauthors=Benea+L+&as_publication=&as_ylo=&as_yhi=&hl=fr&lr=

<http://www.researcherid.com/rid/B-9653-2011>

Science Direct, Scopus

QuadSearch

► Published books or participation at Chapters of Books : 15.

► Published papers in National and Internationals Journals: total over 160.

(Journals with Scientific Board -Referees, Proceedings Volumes with Scientific Board),

► Invited Lectures, Keynote and posters at International and National Conferences: over 90.

Invited and oral presentation in International Congresses: over 30.

► 64 scientific research projects, as director or co - worker, on metal, alloy and composite coating by electroplating technologies applied to technical products, mechanisms and kinetics of corrosion and tribocorrosion processes, chemical analyses, development of new products and materials.

► Author of 10 invention patents and 35 innovators in the fields of materials engineering.

H index = 10



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Benea L

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Scientific Search. Displaying 1-75 of 75 results for query: Benea L (0.00 sec)

H-INDEX (Hirsch Number): 10. Egghe's G-INDEX: 20

Maximum Cites: 130

Total Cites: 403, Total Articles: 48

Cites/Paper: 8.3958

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Date of creation: 20 October 2011

Author: Benea, Lidia

h index = 10

Of the 21 documents considered for the h-Index, 10 have been cited at least 10 times.

Note: The h Index considers Scopus documents published after 1995.

10 published papers cited at list 10 times. Hirsch Index (H) = 10

October 2011

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