

PERSONAL INFORMATION **Antoaneta ENE**


 „Dunarea de Jos” University, Faculty of Sciences and Environment,
Chemistry, Physics and Environment Department/Physics Division,
47 Domneasca Street, 800008, Galati, Romania
 +40336 130251 (office)  +40745 164178
 aene@ugal.ro
 https://www.researchgate.net/profile/Antoaneta_Ene/
<https://scholar.google.ro/citations?user=RSsoZyUAAAAJ&hl=en>
<http://www.researcherid.com/rid/C-1386-2011>

Sex Female Date of birth 07/07/1964 Nationality Romanian

POSITION **Member of CNATDCU**

WORK
EXPERIENCE

- | | |
|-------------------------------|---|
| September 2015 - present | Full Professor, Ph. D. habilitated
„Dunarea de Jos” University of Galati (UDJG), Romania
▪ Research activities, Doctoral supervisor
Business or sector Doctoral School of Engineering |
| September 2014 - present | Full Professor, Ph. D.
„Dunarea de Jos” University of Galati (UDJG), Romania, Faculty of Sciences and Environment
▪ Teaching and Research activities
Business or sector Higher Education |
| February 2004- September 2014 | Associated Professor, Ph. D.
„Dunarea de Jos” University of Galati (UDJG), Romania, Faculty of Sciences
▪ Teaching and Research activities
Business or sector Higher Education |
| September 2010- present | Head of Physics Division and Deputy Head of Chemistry, Physics and Environment Department
„Dunarea de Jos” University of Galati (UDJG), Physics Department
▪ Management
Business or sector Higher Education |
| January 2007– September 2010 | Head of Physics Department
„Dunarea de Jos” University of Galati (UDJG), Physics Department
▪ Management
Business or sector Higher Education |
| April 2005- January 2007 | Deputy Head of Physics Department
„Dunarea de Jos” University of Galati (UDJG), Physics Department
▪ Management
Business or sector Higher Education |

February 1996- February 2004	Lecturer (Ph. D. from December 1997) „Dunarea de Jos” University of Galati (UDJG), Romania, Faculty of Sciences ▪ Teaching and Research activities Business or sector Higher Education
October 1991- February 1996	Assistant Lecturer „Dunarea de Jos” University of Galati (UDJG), Romania, Faculty of Sciences and Letters ▪ Teaching and Research activities Business or sector Higher Education
March 1991- October 1991	Associate Assistant „Dunarea de Jos” University of Galati (UDJG), Romania, Faculty of Sciences and Letters ▪ Teaching activities Business or sector Higher Education
March 1990 - March 1991	Project Engineer Rolling Mill Designing Institute IPROLAM, Bucharest, Romania, Galati Branch – Iron and Steel Works SIDEX Platform ▪ Projecting Activity, Measurement and Control Devices Division, Automatization Business or sector Metallurgical Industry
October 1987 - March 1990	Physicist Engineer PETROTUB Pipes Metallurgical Works, Roman, Neamt County, Romania ▪ Quality Technical Control Division (Laboratories of: Mechanical Testing; Defectoscopy; Chemistry – X-ray Fluorescence) Business or sector Metallurgical Industry

EDUCATION AND TRAINING

February 27, 2017	Permit (second level) to exert nuclear activities. Domains: 1) Radiations generators - specialization: Analyses with X-rays; 2) Sealed radioactive sources - specialization: Applications with radioactive sources CNCAN Bucharest ▪ Radiations generators, sealed radioactive sources
April 4, 2016 - April 22, 2016	Certificate in <i>Security in Radiological Protection</i>, Domain: Nuclear Engineering Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering ▪ Radiations generators, radiation detectors, interaction of radiations with matter, particle accelerators, sealed radioactive sources, open radioactive sources, radio-pharmaceuticals, calculation of dose rates and effective doses
September 2015	Certificate of Doctor habilitated, Domain: Engineering Sciences, EQF level 8 Specialty: Industrial Engineering „Dunarea de Jos” University of Galati, Doctoral School (Order of Ministry of Education and Research no.5343/29.09.2015) ▪ Title of Habilitation thesis: “ <i>Applications of high sensitivity analytical techniques in industry and pollution management for trace chemical composition characterization of complex samples</i> ”.

- October 2005 - June 2008 **B. Sc. Degree (2nd specialty), Domain: Mathematics, Specialty: Mathematics informatics** EQF level 5
 „Dunarea de Jos” University of Galati, Faculty of Sciences
 ▪ General and specialized courses of Mathematics and Informatics within the 1st cycle of Bologna studies. Title of B.Sc. thesis: “*Applications of vector calculus in Physics*”.
- October 2005 - June 2007 **M. Sc. Diploma, Domain: Environmental Sciences - Environment Management and Monitoring** EQF level 7
 „Dunarea de Jos” University of Galati, Faculty of Sciences
 ▪ General and specialized courses in the domain of Environmental Sciences within the post-university studies cycle; Title of dissertation thesis: “*Atomic and nuclear methods used in pollution studies*”.
- May 1993 - December 1997 **Ph. D., Domain: Physics, Specialty: Elementary Particles Physics** EQF level 8
 University of Bucharest, Faculty of Physics
 ▪ Applications of the atomic and nuclear methods for the microstructural analysis of the materials from the metallurgical industry; Title of Ph. D. thesis: “*Study of structure of microelements of iron ores, agglomerates and related iron and steel products by atomic and nuclear methods*” (supervisor: Prof.dr. Calin Besliu).
- September 1982 - July 1987 **B. Sc. Degree in Engineering, Domain: Physics, Specialty: Technological Physics** EQF level 6
 University of Bucharest, Faculty of Physics
 ▪ General and specialized courses in the Physics domain, specialty: Technological Physics, Section: Measuring and Control Devices; Title of B. Sc. thesis: “*Study of the chemical structure of some steels and thin rolled plates by X-ray Fluorescence method and Neutron Activation Analysis*” (supervisor: Prof.dr. Calin Besliu).
- September 1978 - July 1982 **Baccalaureate Degree, specialty: Mathematics-Physics**
 „Vasile Alecsandri” High School of Galati
 ▪ Fundamental and specialized courses in the fields of Mathematics and Physics

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	C1	C1	B1	B2	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills Good communication skills gained through my experience as professor and head of department

Organisational / managerial skills

- President of the Scientific Research Commission of the Senate of “Dunarea de Jos” University of Galati
- Vice-President of the Scientific Council of “Dunarea de Jos” University of Galati
- Leadership (Chief of Physics Department/Deputy Head of Chemistry, Physics and Environment Dept.); manager of research projects (international and national) in partnership
- Director of INPOLDE interdisciplinary network, created in the frame of RO-UA-MD

MIS ETC 1676 EU funded project;

- Management skills (organizing national physics conferences with international participation – as president or vice-president; Editor-in-chief of the Annals of "Dunarea de Jos" University of Galati, Fascicle II, Mathematics, Physics. Theoretical Mechanics; Coordinator of the "Atomic and Nuclear Spectroscopy" Laboratory of the "Physical-Chemical and Morpho-functional Analyses and Chemometry" institutionalized Research Center, "Dunarea de Jos" University of Galati, Romania)
- Experience in the management of the environment (Masters studies)

Job-related skills

- A good knowledge of the quality control processes in the industry and environment; Mastery of high precision and high sensitivity techniques for the analysis and the control of metallurgical, environmental and geological materials and environment monitoring; Mathematical modelling in industry and environment; competences in radiation protection
- Determination of trace elements and radioactivity of industrial materials; modelling of industrial and environmental processes;
- High precision and sensibility techniques (EDXRF, NAA, PIXE, AAS, UV-VIS, GC-MS, GC-ECD, SEM-EDX, ICP-OES, CVAAS) used for the monitoring of environmental pollution (soil, water, air, vegetation, wastewater sludge) with heavy metals, polycyclic aromatic hydrocarbons (PAHs) and pesticides;
- Employment of thermal-NAA technique for the determination of the transfer efficiencies of some minor and trace elements from raw and auxiliary materials to pig iron, slag and steel products during the metallurgical elaboration processes;
- Correlation of the results obtained by nuclear methods (NAA, PIXE, PIGE) on the structure of microelements in the technological flux ores-sinter-pig iron-steels with the mechanical properties of the finite products;
- Study of nuclear reactions with protons and deuterons on nuclides of elements existing in steel matrix and improvement of limits of detection of PIGE analysis of minor elements in steel by neutron-gamma ray coincidences measurements;
- Application of 14 MeV-NAA for the analysis of gold and other microelements in auriferous sands, concentrates and rocks at the level of economic extraction and for alkalis in auxiliary materials used in ferrous metallurgy;
- Researches and studies in metallurgical industry and materials science regarding: the vaporization of component elements from metallic bath during steel making in LD converter; the heat losses at continuous casting of slabs; the thermodynamic regime at the continuous casting of steel; structure identification of the aluminium eutectic alloys using colour metallography and TEM; coating of steel parts with stainless steel by metallothermic techniques; the explosions which take place in the recovery boilers and LD converters during the pauses between charges; the energy economy in metallurgical processes (preheating the metallic charge of electric arc furnaces with exothermal mixtures; utilization of 100% blast furnace gas at the cowpers; marsh gas replacement with blast furnace gas at the mixer heating and at heat treatment furnaces);
- Mathematical modelling of: steel desulphurization; LD steel deoxidation kinetics with manganese and aluminium; refractory lining of the LD converter; heat losses at the liquid metal transport in an integrated iron and steel works; energy savings in the heating furnaces;
- Researches and studies in materials science regarding the microstructure of synthesized diamonds, lithium nitrides and boron nitrides.
- Certificate of training for High Resolution Continuum Source Atomic Absorption Spectroscopy technique with ContrAA 700 (flame, graphite furnace, hydride generation) and UV-VIS Spectroscopy (Specord 200+) –Analytic Jena, Germany.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

[Digital competences - Self-assessment grid](#)

- Data bases: ACCESS and SQL; Computer networks; Microsoft Office (Word, Excel, PowerPoint); HTML; C/C++ Software (B. Sc. degree in Mathematics informatics)
- Software for X and gamma spectra processing: GammaW, GUPIX, LEONE; ORIGIN, MATLAB, STATISTICA

Other skills

- **Doctoral supervisor, Domain: Industrial Engineering**, Doctoral School of Engineering, „Dunarea de Jos” University of Galati
- Evaluator of ARACIS - Commission of Environmental Science
- Short term expert (from Oct. 2009), Specialization: Physical Engineering, Project POSDRU (Sector Operational Program of Human Resources Development) 2/1.2/S/2 "DOCIS ACPART" (Development of an Operational System of Trainings in Higher Education in Romania - National Agency for Trainings in Higher Education and for Partnership with the Social and the Economical Environment)
- Experience in quality ensuring in higher education (member of the Quality Assessment Commission of „Dunarea de Jos” University of Galati, between 2005-2009; President of Quality Assessment Commission of Faculty of Sciences and Environment, from 2012);
- Experience in coordinating and elaborating evaluation files by ARACIS (The Romanian National Council of Academic Evaluation and Accreditation of Higher Education Institutions) for B. Sc. and M. Sc. in the domain of Physics: Physics and Physical-Chemical Analyses in Material Science and Environment;
- High precision and sensibility techniques (NAA, PIXE, PIGE, EDXRF, AAS, ICP-OES, UV-VIS, GC-MS, GC-ECD, SEM) used for the characterization of advanced materials and evaluation of anthropogenic activities impact over environment and life quality and monitoring of environmental pollution – soil, water, air and biomonitors: mosses, mushrooms, vegetables, aquatic plants and organisms (fish);
- Nuclear and related analytical techniques for Environmental and Life Sciences - part of the international program "HEAVY METALS IN EUROPEAN MOSSES - Monitoring long-term and large-scale changes in heavy-metal deposition".
- Invited lecturer and member of the scientific committee of the summer school „The 3rd Joint Seminar JINR-Romania on Neutron Physics for Investigations of Nuclei, Condensed Matter and Life Sciences”, Targoviste, Romania, 24-30 July 2011;
- Reviewer at ISI journals "Journal of Hazardous Materials"; "Science of the Total Environment"; "Microscopy and Microanalysis", "Polish Journal of Environmental Studies", "Chemosphere", "Romanian Journal of Physics", "Environmental Science and Pollution Research", "Journal of Geochemical Exploration"; Romanian Biotechnological Letters, Polycyclic Aromatic Compounds, Ecotoxicology and Environmental Safety, Fresenius Environmental Bulletin, Spectroscopy Letters, Analytical and Bioanalytical Chemistry; Air Quality, Atmosphere & Health; Talanta;
- Reviewer at IDB journals: "African Journal of Environmental Science and Technology"; "African Journal of Biotechnology", "African Journal of Pure and Applied Chemistry"; "Journal of Science and Arts"; "Chemistry Journal of Moldova", "Analele Universității „Dunărea de Jos” din Galați, Fascicula II, Mat.Fiz.Mec.teor.
- Official reviewer of doctoral theses – University of Bucharest (Physics); Dunarea de Jos University of Galati (Industrial Engineering);
- Official reviewer of dissertation theses – University of Cairo, Egypt.

ADDITIONAL INFORMATION

Memberships

- Member of the Romanian Society of Physics;
- Member of the General Association of Engineers from Romania (AGIR);
- Member of the European Physical Society (EPS) (2009)
- Member of „The International Cooperative Programme on Effects of Air Pollution on Natural Vegetation and Crops (ICP Vegetation)".
- Member of research team „Atomic and nuclear methods used in technologies", Atomic and Nuclear Physics Department, Faculty of Physics, University of Bucharest (1993-1998)
- Chair of the International Conference *Environmental Challenges in Lower Danube Euroregion*, Galati, June 25-26, 2015;
- Chair of the National Conferences of Applied Physics, 3rd and 4th Editions, Galati, 2007, 2008;
- Chair of *1st International Symposium on Applied Physics – Materials Science, Environment and Health* (ISAP1), Galati, November 28th-29th, 2009;

- Vice-President of National Conference on Applied Physics, First and 2nd Editions, Galati 2005, 2006;
- Member of the organizing/scientific committee of the conferences: National Conference of Physics CNF2008, Bucharest, September 10-13, 2008; „Applied Sciences in the Study of Environment and Materials”, Targoviste, June 5-6, 2008 and April 28-30, 2010; European Dimensions of the Doctoral Programmes (Posdru 19524) International Workshop, July 21th - July 22th, 2010, Galati; International Workshop Research Quality in Doctoral School, Increased Industrial and International Visibility, 13-14 July 2011, Galati; ISINN24, Dubna, Russia, May 24-27 2016.

References

- Joint Institute of Nuclear Research (JINR), Dubna, Russia;
- Technological Educational Institute of Kavala, Greece;
- Institute of Zoology, Academy of Sciences of Moldova;
- Institute of Geology and Seismology, Academy of Sciences of Moldova;
- Katholieke Universiteit (KU) Leuven, Belgium

Honours and awards

- **9 ISI-Web of Science articles awarded** by CNCSIS/UEFISCDU:
- **1 habilitation thesis awarded** by UEFISCDU PN-II-RU-ABIL-2015-2-109
- **Certificate of Excellence in Reviewing** - Chemosphere journal, Elsevier
- **Diploma of recognition of the Academy of Sciences of Moldova** for outstanding contribution in the development of scientific and didactic collaboration, management of science, successful application of scientific results into practice and promoting the image of science (Chisinau, 12 October 2016)

Courses

- Physics (Faculty of Mechanics-Year I, Engineering Sections: "Industrial Engineering"; "Economic Engineering", "Applied Mechanics", "Managerial and Technological Engineering"; "Mechatronics"; Faculty of Food Engineering –section "Engineering of Food Products"; Faculty of Metallurgy and Materials Science -College "Control of Metallurgical Processes");
- Radiometric Methods of Analysis (Faculty of Sciences-Year V, sections Chemistry-Physics and IV Physics-Chemistry and Physics-Mathematics);
- Physics of the Protection against Radiations (Faculty of Sciences- Post-university Studies).
- Devices and Methods of Measurement, Analysis and Control with Radiations (Faculty of Sciences- section of Post-university Studies).
- Biophysics (Faculty of Food Engineering: section "Ecology and Environmental Protection")
- Physics and Biophysics (Faculty of Medicine and Pharmacy-section Pharmacy);
- Physics of Atom and Molecule (Faculty of Sciences – Physics-Informatics, Physics, Physics-Chemistry and Physics-Mathematics);
- Nucleus Physics (Faculty of Sciences - Physics informatics);
- Radiometric Techniques of Analysis and Control (Faculty of Sciences - Master "Physical-Chemical Methods of Analysis and Control");
- Transport and Diffusion of Pollutants (Faculty of Sciences -Master "Monitoring and Management of Environment")
- Radioactive Pollution (Faculty of Sciences and Environment-Master "Monitoring and Management of Environment")
- Integrated Monitoring of Environment (Faculty of Sciences and Environment -section "Environment Science")
- Environmental Radioactivity (Faculty of Sciences and Environment -section "Environment Science")
- Techniques used in monitoring of environment quality (Faculty of Sciences and Environment -Master "Monitoring and Management of Environment").

Publications

- **35 articles in ISI journals** (Web of Science Hirsch Index h=9);
- **68 articles in IDB journals; 7 articles in international refereed journals, 48 articles in CNCSIS journals; 26 books/chapters; 8 monographs** published abroad (Scopus Hirsch Index h=8; Google Scholar Hirsch Index h=13),
- **11 edited books and conference proceedings;**
- **174 presentations** at international conferences; **44** at national conferences with international participation; **14** at national conferences.
- **> 250 citations** in ISI and IDB journals; Research Gate **Score RG=28.56** (20.03.2017)

- **14 international projects/grants** as director/co-director, **1 national project** as responsible of partner team; **9 projects** as member in the research team; **2 grants ANCS** - coordinator;
- **7 agreements of international cooperation** as institutional coordinator.
- **Fulfilment of minimum standard conditions for CNATDCU Industrial Engineering and Management Commission: **Obtained Score = 2640.171 p** / Min: 430 p (Annex B)**

Projects

Research Projects as Director/Responsible:

- RESEARCH PROJECT 2010 JINR-Romania no. 22, Nuclear and related analytical techniques for environmental and life sciences, JINR Theme No. 03-4-1036-2001/2010, Order IUCN no. 57/08.02.2010/Project No.10, Nuclear Physics with Neutrons-Fundamental and Applied Investigations, Protocol No.3869-4-08/10, **Leaders from Romania:** Popescu Ion V., **Ene Antoaneta**, Cucu-Man Simona, Todoran Radu.
- RESEARCH PROJECT 2011 JINR-Romania no. 43, Nuclear and related analytical techniques for environmental and life sciences, JINR Theme no. 03-4-1104-2011/2013, Investigations in the Field of Nuclear Physics with Neutrons, **Leaders from Romania:** Popescu Ion (Project Director, Valahia University of Targoviste), **Ene Antoaneta (Co-director, UDJ Galati)**, Cucu-Man Simona (Co-director, UAIC Iasi), Todoran Radu (Co-director, Univ. Baia Mare).
- RESEARCH PROJECT 2012 JINR-Romania no. 51, Crystallization processes and characteristics of cubic boron nitride studied by nuclear and related analytical and imaging techniques, JINR Theme no. 03-4-1104-2011/2013, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4113-4-11/13, Order IUCN no. 82/06.02.2012, **Director from Romania: Ene Antoaneta.**
- RESEARCH PROJECT 2012 JINR-Romania no. 66, Nuclear and related techniques for environmental and life sciences, JINR Theme no. 03-4-1104-2011/2013, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4080-4-2011-2013, **Leaders from Romania:** Popescu Ion (Project Director, Valahia University of Targoviste), **Ene Antoaneta (Co-director, UDJ Galati)**, Cucu-Man Simona (Co-director, UAIC Iasi), Todoran Radu (Co-director, Univ. Baia Mare).
- RESEARCH PROJECT 2013 JINR-Romania no. 61, Nitrides characteristics in B-N and Li-N systems studied by nuclear and related analytical and imaging techniques, Order IUCN 82/18.02.2013 & Order IUCN 81/18.02.2013, JINR Theme no. 03-4-1104-2011/2013, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4113-4-11/13, **Director from Romania: Ene Antoaneta.**
- RESEARCH PROJECT 2013 JINR-Romania no. 72, Nuclear and related analytical techniques for the environmental and life sciences, Order IUCN 82/18.02.2013 & Order IUCN 81/18.02.2013, JINR Theme no. 03-4-1104-2011/2013, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4080-4-2011-2013, **Leaders from Romania:** Popescu Ion (Project Director, Valahia University of Targoviste), Stihl Claudia (Co-director, Valahia University of Targoviste), Cristiana Radulescu (Co-director, Valahia University of Targoviste), **Ene Antoaneta (Co-director, UDJ Galati)**, Cucu-Man Simona (Co-director, UAIC Iasi).
- Project MIS ETC code 1676 "Cross-border interdisciplinary cooperation for the prevention of natural disasters and mitigation of environmental pollution in Lower Danube Euroregion" (19.12.2013-31.12.2015), Grant Contract 92370/11.12.2013, Grant Project funded by European Union (ENPI), Joint Operational Programme Romania-Ukraine-Republic of Moldova, Priority 2 – Environment and emergency preparedness, Sector code DACCRS:41082 - Environmental research, **Project Manager: Ene Antoaneta.**
- RESEARCH PROJECT 2014 JINR-Romania no. 78, Characterization of crystalline diamonds, boron and lithium nitrides using nuclear and related analytical techniques and imaging microscopy, JINR Theme no. 03-4-1104-2011/2016, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4321-4-14/16, **Director from Romania: Ene Antoaneta.**
- RESEARCH PROJECT 2015 JINR-Romania no. 87, Nuclear and related analytical techniques applied for air pollution and vegetation with heavy metals, nitrogen, and radionuclides,, **Leaders from Romania:** I.V.Popescu, C. Stihl, **Ene A**, S. Cucu-Man, R. Todoran.
- RESEARCH PROJECT 2015 JINR-Romania no. 84, Investigation of crystalline materials (diamonds, boron and lithium nitrides) using atomic and nuclear analytical techniques and imaging microscopy JINR Theme no. 03-4-1104-2011/2016, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4321-4-14/16, **Director from Romania: Ene Antoaneta.**
- RESEARCH PROJECT 2016 JINR-Romania no. 104, Investigation of crystalline materials (diamonds and boron nitrides) using atomic and nuclear analytical techniques and imaging microscopy, Theme no. 03-4-1104-2011/2016, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4321-4-14/16, **Director from Romania: Ene Antoaneta.**
- RESEARCH GRANT JINR-Romania no. 24/2016, Development of infrastructure of spectroscopy and microscopy laboratories used for the characterization of environmental and crystalline materials, Theme no. 03-4-1104-2011/2016, **Director from Romania: Ene Antoaneta.**

- RESEARCH PROJECT 2017 JINR-Romania no. 79, Investigation of advanced functional materials using atomic and nuclear analytical techniques and imaging microscopy, Theme no. 03-4-1128-2017/2019, Investigations of Neutron Nuclear Interactions and Properties of the Neutron, Protocol No. 4613-4-17/19, **Director from Romania: Ene Antoaneta.**
- RESEARCH PROJECT 2017 JINR-Romania no. 91, Applied research on air and soil pollution with toxic elements using nuclear and related analytical techniques, Theme no. 03-4-1128-2017/2019, Investigations of Neutron Nuclear Interactions and Properties of the Neutron, Protocols Nos. 4619-4-17/19, 4613-4-17/19, 4610-4-17/19, **Leaders from Romania: Stih Claudia (Project Director, Valahia University of Targoviste), Ene Antoaneta (Co-director, UDJ Galati), Dan-Gabriel Ghita (Co-director, IFIN-HH Magurele).**
- Project no. 72-172/2008, PN-II, 2008-2011; Research direction no. 7, Tehnici de Inalta Precizie si Sensibilitate Aplicate in Retele de Biomonitorizare a Poluarii Mediului cu Factori Poluanti din Zonele de Dezvoltare de Sud, Sud-Est si Centrala ale Romaniei / High precision and sensibility techniques applied in biomonitoring networks of environmental pollution with polluting factors from South, South-East and Central development regions of Romania (acronym: TIPSARMER), **responsible Partner 1 – Ene Antoaneta (Dunarea de Jos University of Galati);** Director: Prof. Dr. Ion V. Popescu, University Valahia of Targoviste.

ANNEXES

A. List of relevant publications annexed to CV

1. Books published abroad

1. Harry Harmens, Gina Mills, Felicity Hayes, David Norris (Eds.), *and the participants of the ICP Vegetation*, 2011, Air Pollution and Vegetation-ICP Vegetation Annual Report 2010/2011; Publisher: ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre Wales, Deiniol Road, Bangor, Gwynedd, LL57 2UW, UK, Editors: H. Harmens, G. Mills, F. Hayes, D. Norris, ISBN 978-1-906698-26-3, 41 pag. (H. Harmens, G. Mills, F. Hayes, D. Norris, J. M. Abaigar, J.R. Aboal, S. S. Ahmad, R. Alber, R. Alonso, N. Akinshina, Y. Aleksiyayenak, M. Ashmore, A. Azizov, S. Bassin, F. Batic, J. Bender, T. Berg, V. Bermejo, R. Bermejo-Orduna, O. Bethenod, V. Blanke, O. Blum, S. Boltersdorf, F. Booker, K. Borowiak, S. Braun, G. Brumelis, P. B ker, K. Burke, A. Carballera Oca a, V. Calatayud, E. Calvo, H. Cambridge, J.-F. Castell, S. Cieslik, S. Cinderby, D. Cooper, M. Coskun, S.E. Cozar, M. Dam, H. Danielsson, B. Davies, K. Eler, L. Emberson, E. Ermakova, **A.Ene**, M. Fagnano, A. Fangmeier, Z. Feng, J. A. Fern ndez Escribano, I.G. Fern ndez, E. Fiscus, L. Foan, M. Frontasyeva, A. Francini-Ferrante, J. Franzaring, M. Frolova, J. Fuhrer, I. Fumagalli, L. Galsomi s, J.-P. Garrec, G. Gerosa, B. Godzik, N. Goltsova, L. Gonzalez Miqueo, E. Goumenaki, E. Green, L. Gr nhage, J. Hall, E. Heyneke, R. T. Las Heras, M. Holland, K. Hoydal, J. M. Infante Olarte, J. J. Irigoyen, Z. Jeran, Y. Jolivet, L. Jones, S. Jovanovic, P. Kapusta, J. Karhu, G. P. Karlsson, P.-E. Karlsson, A. Klumpp, Y. Kohno, M. Krmar, G. Kr ger, E. Kubin, K. Kvietkus, P. Lazo, S. Leblond, S. Liiv, A. Lucaciu, S. Madkour, S. Magn sson, F. Manes, B. Ma kovsk , S. Manninen, A. de Marco, M. Mastrotrilli, S. Miranova, R. Mocanu, C. Nali, O. Nikodemus, E. N  ez Olivera, Y. Pankratova, R. Pesch, J. Piispanen, H. Pleijel, J. Poikolainen, L. Postiglione, S. Power, J. Ramirez, G. Rana, D. Radnovich, A. Ruttens, C. Saitanis, E. Salvatori, J. Santamaria, D. Saxena, A. Screpanti, W. Schr der, V. Silli, G. Soja, Z. Spiric, T. Stafilov, E. Steinnes, A. Sterkenburg, I. Suchara, J. Sucharov , G. Szarek-Lukaszewska, G. Tabors, L. De Temmerman, D. le Thiec, L. Th ni, B. Turk, V. Urumov, D. Valiulis, K. Vandermeiren, D. Velissariou, K. Vergel, M. Vitale, M. Volk, L. Yurukova, N. Waegeneers, H.-J. Weigel, W. Werner, S. Wilkinson, H. Zechmeister) <http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2010-11.pdf>
2. Harry Harmens, Gina Mills, Felicity Hayes, David Norris (Eds.), *and the participants of the ICP Vegetation*, 2012, Air Pollution and Vegetation-ICP Vegetation Annual Report 2011/2012; Publisher: ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre Wales, Deiniol Road, Bangor, Gwynedd, LL57 2UW, UK, Editors: H. Harmens, G. Mills, F. Hayes, D. Norris, ISBN 978-1-906698-35-5, 50 pag. (H. Harmens, G. Mills, F. Hayes, D. Norris, J. M. Abaigar, J.R. Aboal, S. S. Ahmad, R. Alber, R. Alonso, N. Akinshina, Y. Aleksiyayenak, M. Ashmore, A. Azizov, M. Baggard, S. Bassin, F. Batic, J. Bender, T. Berg, V. Bermejo, R. Bermejo-Orduna, J. Berner, O. Bethenod, V. Blanke, O. Blum, S. Boltersdorf, F. Booker, K. Borowiak, S. Braun, G. Brumelis, P. B ker, K. Burke, A. Carballera Oca a, V. Calatayud, E. Calvo, N. Callaghan, H. Cambridge, J.-F. Castell, S. Cieslik, S. Cinderby, D. Cooper, M. Coskun, S.E. Cozar, M. Dam, H. Danielsson, B. Davies, K. Eler, L. Emberson, E. Ermakova, **A.Ene**, M. Fagnano, A. Fangmeier, S. Fares, Z. Feng, J. A. Fern ndez Escribano, I.G. Fern ndez, A. Finco, E. Fiscus, L. Foan, M. Frontasyeva, A. Francini-Ferrante, J. Franzaring, M. Frolova, J. Fuhrer, I. Fumagalli, L. Fusaro, L. Galsomi s, J.-P. Garrec, G. Gerosa, B. Godzik, N. Goltsova, L. Gonzalez Miqueo, E. Goumenaki, E. Green, L. Gr nhage, J. Hall, E. Heyneke, R. T. Las Heras, M. Holland, K. Hoydal, J. M. Infante Olarte, J. J. Irigoyen, S. Izquieta, Z. Jeran, Y. Jolivet, L. Jones, S. Jovanovic, P. Kapusta, J. Karhu, G. P. Karlsson, P.-E. Karlsson, A. Klumpp, Y. Kohno, M. Krmar, G. Kr ger, E. Kubin, K. Kvietkus, P. Lazo, S. Leblond, S. Liiv, A. Lucaciu, S. Madkour, S. Magn sson, L. Mahdhi, F. Manes, B. Ma kovsk , S. Manninen, A. de Marco, R. Marzuoli, M. Mastrotrilli, I. Melece, S. Miranova, M. Mircea, R. Mocanu, C. Nali, O. Nikodemus, E. N  ez Olivera, Y. Pankratova, R. Pesch, J. Piispanen, H. Pleijel, J. Poikolainen, L. Postiglione, S. Power, J. Ramirez, G. Rana, D. Radnovich, A. Repellin, G. Righini, A. R hling, A. Ruttens, C. Saitanis, E. Salvatori, J. Santamaria, D. Saxena, W. Schr der, V. Silli, V. Simon, H.C. Sogo, G. Soja, Z. Spiric, T. Stafilov, E. Steinnes, A. Sterkenburg, I. Suchara, J. Sucharov , G. Szarek-Lukaszewska, G. Tabors, L. De Temmerman, D. le Thiec, L. Th ni, B. Turk, H. Uggerud, V. Urumov, D. Valiulis, K. Vandermeiren, D. Velissariou, K. Vergel, M. Vitale, M. Volk, L. Yurukova, N. Waegeneers, T. Walser, H.-J. Weigel, W. Werner, S. Wilkinson, H. Zechmeister) http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2011-12_Final_000.pdf
3. H. Harmens, D. Norris, G. Mills, *and the participants of the moss survey* (J. Aboal Vi as, R. Alber, Y. Aleksiyayenak, K. Baceva, L. Barandovski, T. Berg, O. Blum, A. Carballera Oca a, A. Chilian, S.-M. Cucu-Man, O. A. Culicov, M. Dam, H. Danielsson, A. M. Dunaev, D. Elustondo, **A. Ene**, J.  . Fern ndez Escribano, M. V. Frontasyeva, A. Gheboianu, B. Godzik, Z. I. Goryainova, A. Hanus, K. Hoydal, M. Infante Olarte, S. Izquieta, Z. Jeran, P. Kapusta, J. Karhu, E. Kubin, X. Laffray, P. Lazo, N. A. Lebedeva, S. Leblond, S. Liiv, S. Magn sson, B. Mankovska, J. Mart nez-Abaigar, A. Maxhuni, E. N  ez-Olivera, J. G. Pihl Karlsson, J. Piispanen, J. M. Popescu, I. V. Popescu, F. Qarri, C. Radulescu, A. Riss, A. Ruttens, J. M. Santamaria, M. Skudnik, Z. Spiric, T. Stafilov, E. Steinnes, C. Stih, I. Suchara, J. Sucharov , L. De Temmerman, H. Thelle Uggerud, L. Th ni, R. Todoran, R. Tom s-LasHeras, K. N. Vergel, I. V. Vikhrova, N. Waegeneers, L. Yurukova, H. G. Zechmeister, I. Zinicovscaia), *HEAVY METALS AND NITROGEN IN MOSSES: SPATIAL PATTERNS IN 2010/2011 AND LONG-TERM TEMPORAL TRENDS IN EUROPE*, 2013; 63 pp., Publisher: ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre Wales, Bangor, UK, Editor: H. Harmens, D. Norris, G. Mills, ISBN: 978-1-906698-38-6. <http://icpvegetation.ceh.ac.uk/publications/documents/Finalmossreport2010-11forweb.pdf>
4. Harmens, Harry; Mills, Gina; Hayes, Felicity; Norris, David (Eds.), *and the participants of the ICP Vegetation*; (J. R. Aboal, S. S. Ahmad, R. Alber, R. Alonso, Y. Aleksiyayenak, H.I. Amadou, L. Barandovski, M. Baggard, S. Bassin, F. Batic, J. Bender, T. Berg, V. Bermejo, J. Berner, O. Bethenod, O. Blum, S. Boltersdorf, K. Borowiak, S. Braun, P. B ker, K. Burke, V. Calatayud, E. Calvo, H. Cambridge, A. Carballera Oca a, J. F. Castell, S. Cieslik, S. Cinderby, D. Cooper, M. Coskun, S.E. Cozar, S. M. Cucu-Man, O. A. Culicov, M. Dam, H. Danielsson, B. Davies, K. Eler, L. Emberson, A. M. Dunaev, **A. Ene**, S. Fares, Z. Feng, I.G. Fern ndez, J.  . Fern ndez Escribano, A. Finco, L. Foan, M. V. Frontasyeva, M. Frolova, J. Fuhrer, I. Fumagalli, L. Galsomi s, J.-P. Garrec, G. Gerosa, B. Godzik, N. Goltsova, E. Goumenaki, L. Gr nhage, J. Hall, E. Hillbrunner, K. Hoydal, M. Infante Olarte, S. Izquieta, Z. Jeran, L. Jones, P. Kapusta, J. Karhu, G. P. Karlsson, P. E. Karlsson, Y. Kohno, M. Krmar, G. Kr ger, K. Kvietkus, E. Kubin, R. T. Las Heras, P. Lazo, N. A. Lebedeva, S. Leblond, S. Liiv, S. Madkour, S. Magn sson, F. Manes, B. Ma kovsk , J. Mart nez-Abaigar, A. Maxhuni, S. Manninen, R. Marzuoli, M. Mastrotrilli, I. Melece, L.G. Miqueo, S. Miranova, E. N  ez-Olivera, E. Paoletti, R. Pesch, J. Piispanen, H. Pleijel, J. Poikolainen, I. V. Popescu, S. Power, F. Qarri, J. Ramirez, G. Rana, D. Radnovich, D.M. Reboucas, A. Repellin, A. Ruttens, C. Saitanis, E. Salvatori, J. Santamaria, D. Saxena, M. Schaub, M. Schlabach, S. Sch nrock, W. Schr der, P. L. Sicard, V. Silli, V. Simon, M. Skudnik, H.C. Sogo, G. Soja, Z. Spiric, T. Stafilov, E. Steinnes, C. Stih, I. Suchara, J. Sucharov , G. Szarek-Lukaszewska, L. De Temmerman, D. le Thiec, L. Th ni, R. Todoran, B. Turk, H. Uggerud, K. Vandermeiren, D. Velissariou, K. N. Vergel, I. V. Vikhrova, M. Vitale, M. Volk, N.

- Waegeneers, S. Wagg, W. Werner, S. Wilkinson, L. Yurukova, H. G. Zechmeister, Air pollution and vegetation: ICP Vegetation annual report 2012/2013, ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre Wales, Deiniol Road, Bangor, Gwynedd, LL57 2UW, UK, Editors: H. Harmens, G. Mills, F. Hayes, D. Norris, 42pp. ISBN: 978-1-906698-43-0. <http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2012-13Final.pdf>
5. H. Harmens, G. Mills, F. Hayes, K. Sharps, M. Frontasyeva, J. R. Aboal, R. Alber, R. Alonso, Y. Aleksiyenak, L. Barandovski, M. Baggard, S. Bassin, F. Batic, J. Bender, T. Berg, V. Bermejo, O. Bethenod, O. Blum, S. Boltersdorf, K. Borowiak, S. Braun, A. Briolat, P. B ker, V. Calatayud, H. Cambridge, A. Carbalreira Oca a, J. F. Castell, S. Cieslik, S. C nderby, D. Cooper, M. Coskun, S. M. Cucu-Man, O. A. Culicov, M. Dam, H. Danielsson, B. Davies, A.M. Dunaev, K. Eler, L. Emberson, **A. Ene**, S. Fares, I.G. Fern ndez, J. A. Fern ndez Escribano, A. Finco, M. Frolova, J. Fuhrer, I. Fumagalli, L. Fusaro, L. Galsomi s, J.-P. Garrec, G. Gerosa, B. Godzik, N. Goltsova, L. Gr nhage, J. Hall, K. Hoydal, M. Infante Olarte, S. Izquieta, Z. Jeran, L. Jones, P. Kapusta, J. Karhu, G. P. Karlsson, P. E. Karlsson, Y. Koroleva, M. Krmar, G. Kr ger, K. Kvietkus, E. Kubin, R. T. Las Heras, P. Lazo, N. A. Lebedeva, S. Leblond, S. Liiv, S. Magn sson, F. Manes, S. Manninen, B. Ma kovsk , J. Mart nez-Abaigar, A. Maxhuni, A. de Marco, R. Marzuoli, M. Mastroilli, I. Melece, M. Meyer, S. Miranova, C. Nali, S. Nickel, D. Norris, E. N  ez-Olivera, E. Paoletti, J. Piispanen, G. Pihl Karlson, H. Pleijel, J. Poikolainen, I. V. Popescu, F. Qarri, G. Rana, D. Radnovich, A. Repellin, A. Ruttens, E. Saitanis, E. Salvatori, J. Santamar a, M. Schaub, M. Schlabach, W. Schr der, P. L. Sicard, V. Simon, M. Skudnik, H.C. Sogo, G. Soja, Z. Spiric, T. Stafilov, E. Steinnes, C. St hi, I. Suchara, J. Sucharov , G. Szarek-Lukaszewska, L. De Temmerman, D. le Thiec, L. Th ni, R. Todoran, B. Turk, H. Uggerud, J. Urbaniak, K. Vandermeiren, D. Velissariou, K. N. Vergel, I. V. Vikhrova, M. Vitale, M. Volk, N. Waegeneers, W. Werner, L. Yurukova, H. G. Zechmeister, *AIR POLLUTION AND VEGETATION: ICP VEGETATION ANNUAL REPORT 2013/2014*. Edited by H. Harmens, G. Mills, F. Hayes, K. Sharps, M. Frontasyeva, 09/2014; ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre, Bangor, Gwynedd, UK, Moss Survey Coordination Centre, Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia, ISBN: 978-1-906698-53-9, 38 pg. <http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2013-14.pdf>
 6. I.V.Popescu, Claudia St hi, **Antoaneta Ene**, Simona Cucu-Man, Radu Todoran, Marina V. Frontasyeva, Otilia Culicov, Annex 1: Country reports-Romania; *in*: Harry Harmens and Gina Mills (Eds.), Air pollution: deposition to and impacts on vegetation in (South-)East Europe, Caucasus, Central Asia (EECCA/SEE) and South-East Asia, 2014, pp.63-64, ISBN: 978-1-906698-48-5. http://icpvegetation.ceh.ac.uk/publications/documents/CEHOzoneReport2014_webhighres.pdf
 7. Harry Harmens, Gina Mills, Felicity Hayes, Katrina Sharps, Marina Frontasyeva (Eds.) and the participants of the ICP Vegetation (J.R. Aboal, J. Aherne, R. Alber, A. Alekseev, R. Alonso, Y. Aleksiyenak, M. Anicic, A. Balint, L. Barandovski, M. Baggard, S. Bassin, F. Batic, J. Bender, T. Berg, V. Bermejo, O. Bethenod, O. Blum, S. Boltersdorf, K. Borowiak, S. Braun, A. Briolat, P. B ker, V. Calatayud, H. Cambridge, A. Carbalreira Oca a, J.-F. Castell, O. Chaligava, A. Chursin, S. Cieslik, S. C nderby, D. Cooper, M. Coskun, L. Cotrozzi, S. M. Cucu-Man, M. Dam, H. Danielsson, B. Davies, D. Dott, A.M. Dunaev, K. Eler, L. Emberson, **A. Ene**, S. Fares, I.G. Fern ndez, J. A. Fern ndez Escribano, A. Finco, S. Fr nzle, M. Frolova, J. Fuhrer, I. Fumagalli, L. Fusaro, L. Galsomi s, J.-P. Garrec, G. Gerosa, V. Gluschenko, B. Godzik, N. Goltsova, L. Gr nhage, J. Hall, K. Hoydal, Z. Ibrahimov, M. Infante Olarte, S. Izquieta, P. Jan  ik, Z. Jeran, L. Jones, T. Kalabegeshvili, P. Kapusta, G. P. Karlsson, P. E. Karlsson, E. Kirkesali, Y. Koroleva, G. Kosior, M. Krmar, G. Kr ger, K. Kvietkus, E. Kubin, R. T. Las Heras, P. Lazo, N. A. Lebedeva, S. Leblond, S. Liiv, S. Magn sson, E. Mammadov, F. Manes, S. Manninen, B. Ma kovsk , J. Mart nez-Abaigar, A. de Marco, R. Marzuoli, M. Mastroilli, A. Maxhuni, M. Mehrabova, I. Melece, M. Meyer, I. Milanovic, G. Minkova Gecheva, S. Miranova, C. Nali, S. Nickel, D. Norris, E. N  ez-Olivera, N. Omarova, E. Paoletti, I. Pavlikova, J. Piispanen, G. Pihl Karlson, H. Pleijel, J. Poikolainen, I. V. Popescu, W. Purvis, F. Qarri, G. Rana, D. Radnovich, C. Radulescu, A. Repellin, A. Ruttens, E. Saitanis, E. Salvatori, J. Santamar a, M. Schaub, M. Schlabach, W. Schr der, S. Shetekaui, P. L. Sicard, M. Skudnik, H.C. Sogo, G. Soja, V. Solodukhin, Z. Spiric, T. Stafilov, E. Steinnes, C. St hi, I. Suchara, J. Sucharov , G. Szarek-Lukaszewska, D. le Thiec, L. Th ni, K. Tibor, R. Todoran, B. Turk, H. Uggerud, J. Urbaniak, K. Vandermeiren, D. Velissariou, K. N. Vergel, I. V. Vikhrova, M. Vitale, M. Volk, N. Waegeneers, W. Werner, H. G. Zechmeister, G. Zeiko, V. Zlobin (160 autori.), Air pollution and vegetation: ICP Vegetation annual report 2014/2015, Edited by H. Harmens, G. Mills, F. Hayes, K. Sharps, M. Frontasyeva, 09/2015; ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre, Bangor, Gwynedd, UK, Moss Survey Coordination Centre, Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia, ISBN: 978-1-906698-55-3, 36 pg.
 8. H. Harmens, G. Mills, F. Hayes, K. Sharps, M. Frontasyeva, J.R. Aboal, E. Agatholeous, J. Aherne, S. Allajbeu, R. Alber, A. Alekseev, R. Alonso, Y. Aleksiyenak, M. Andrees, M. Anicic, A. Balint, L. Barandovski, M. Baggard, N. Baljinyam, S. Bassin, J. Bender, V. Bermejo, J. Berner, O. Bethenod, T. Bhongsuwan, O. Blum, M. Borisjuk, K. Borowiak, S. Braun, P. B ker, K. Burkay, V. Calatayud, A. Carbalreira Oca a, J. F. Castell, O. Chaligava, A. Chursin, S. Cieslik, D. Cooper, M. Coskun, L. Cotrozzi, S. M. Cucu-Man, O. Culicov, M. Dam, H. Danielsson, F.M.Dastagir Attar, A. Dolhanczuk-Srodka, D. Dott, A.M. Dunaev, K. Eler, L. Emberson, **A. Ene**, S. Fares, Z. Feng, I.G. Fern ndez, J. A. Fern ndez Escribano, A. Finco, S. Fr nzle, M. Frolova, J. Fuhrer, I. Fumagalli, L. Fusaro, L. Galsomi s, J.-P. Garrec, G. Gerosa, V. Gluschenko, B. Godzik, N. Goltsova, Z. Grahek, N. P. Gribaceva, L. Gr nhage, J. Hall, K. Hoydal, Z. Ibrahimov, M. Infante Olarte, A. Ioannidou, S. Izquieta, P. Jan  ik, Z. Jeran, Y. Jolivet, L. Jones, T. Kalabegeshvili, P. Kapusta, J. Karhu, G. P. Karlsson, P. E. Karlsson, L.H. Khim, E. Kirkesali, A. Kist, Y. Kohno, Y. Koroleva, G. Kosior, M. Krmar, G. Kr ger, K. Kvietkus, E. Kubin, E. Lackova, R. T. Las Heras, P. Lazo, N. A. Lebedeva, S. Leblond, S. Lennik, E. Leguy, S. Liiv, B. Lopata, P. Luca, T. Lupascu, S. Magn sson, E. Mammadov, F. Manes, S. Manninen, B. Ma kovsk , J. Mart nez-Abaigar, A. de Marco, R. Marzuoli, M. Mastroilli, M. Mehrabova, I. Melece, I. Milanovic, F. Monaci, C. Nali, N. Ndolvu, R. Newman, S. Nickel, D. Norris, E. N  ez-Olivera, N. Omarova, E. Paoletti, J. Park, P. Pech, J. Piispanen, H. Pleijel, I. V. Popescu, W. Purvis, F. Qarri, D. Radnovich, C. Radulescu, J. Ramirez, M.D.Ramos Aruca, G. Rana, A. Repellin, S. Saeed Ahmad, C. Saitanis, E. Salvatori, J. Santamar a, D. Saxena, M. Schaub, M. Schlabach, W. Schr der, S. Shetekaui, P. L. Sicard, I. Silachyov, M. Skudnik, H.Calvete Sogo, G. Soja, V. Solodukhin, Z. Spiric, T. Stafilov, E. Steinnes, C. St hi, I. Suchara, J. Sucharov , G. Szarek-Lukaszewska, G. Tabors, D. le Thiec, L. Th ni, K. Tibor, R. Todoran, M. Trinh, T. Trtic-Petrovic, B. Turk, H. Uggerud, J. Urbaniak, D. Velissariou, K. N. Vergel, I. V. Vikhrova, M. Vitale, M. Volk, M. Wacławek, H. G. Zechmeister, Z. Ziembik, I. Zinicovscaia, V. Zlobin, *Air pollution and vegetation: ICP Vegetation annual report 2015/2016*. Edited by H. Harmens, G. Mills, F. Hayes, K. Sharps, M. Frontasyeva, 09/2016; ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre, Bangor, Gwynedd, UK & Moss Survey Coordination Centre, Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Moscow, Russia, ISBN: 978-1-906698-58-4.

2. Books and Edited volumes:

A. National editing press (with ISBN)

1. **Ene, A.**, 2000, Fizica – volumul I, Ed. Fundatiei Universitare Dunarea de Jos, Galati, 256 pagini, ISBN 973-99424-9-0.
2. **Ene, A.**, 2002, Fizica – volumul II, Ed. Fundatiei Universitare Dunarea de Jos, Galati, 252 pagini, ISBN 973-8352-73-8.
3. **Ene, A.**, 2003, Elemente de fizica pentru ingineri, Editura Fundatiei Universitare Dunarea de Jos, Galati, 435 pagini, ISBN 973-627-074-2.
4. **Ene, A.**, 2005, Metode radiometrice de analiza multielementala (E-book), Editura Cartea Universitara, Bucuresti, 300 pagini, ISBN 973-731-153-1.
5. **Ene, A.**, 2006, Tehnici radiometrice de analiza si control (E-book), Editura Fundatiei Universitare Dunarea de Jos din Galati, 345 pagini, ISBN (10) 973-627-308-3 si ISBN (13) 978-973-627-308-7.
6. **Ene, A.**, Pantelica, A., 2011, Tehnici analitice atomice si nucleare utilizate in monitorizarea mediului, Galati University Press, 100 pagini, ISBN 978-606-8348-17-9.
7. **Ene, A.**, Tigau N., Murariu, G., Condurache-Bota, S., 2012, Teste gril  de fizic  pentru admitere in  nv ţ m ntul superior, Galati University Press, 33 pagini, ISBN 978-606-8348-49-0.
8. **Ene, A.**, Chapter 3 – X-ray fluorescence technique, pp. 61-88 (28 pag.), in: Instrumental Techniques for Environmental Investigations: Methodological Guide = Tehnici Instrumentale pentru Investigatii de Mediu: Ghid Metodologic (Editor - **Ene, A.**), Ed. Tehnopress, Iasi, 2015, ISBN 978-606-687-233-1, 220 p.
9. **Ene, A.**, Capitolul 3 – Tehnica fluorescen ei de raze X, pp. 169-196 (28 pag.), in: Instrumental Techniques for Environmental Investigations: Methodological Guide = Tehnici Instrumentale pentru Investigatii de Mediu: Ghid Metodologic (Editor - **Ene, A.**), Ed. Tehnopress, Iasi, 2015, ISBN 978-606-687-233-1, 220 p.
10. Bogdevich O., **Ene, A.**, Chapter 4 – Gas chromatography technique in environmental analyses, pp. 89-112 (24 pag.), in: Instrumental Techniques for Environmental Investigations: Methodological Guide = Tehnici Instrumentale pentru Investigatii de Mediu: Ghid Metodologic (Editor - **Ene, A.**), Ed. Tehnopress, Iasi, 2015, ISBN 978-606-687-233-1, 220 p.
11. Bogdevich O., **Ene, A.**, Capitolul 4 – Tehnica cromatografiei de gaze in analize de mediu, pp. 197-220 (24 pag.), in: Instrumental Techniques for Environmental Investigations: Methodological Guide = Tehnici Instrumentale pentru Investigatii de Mediu: Ghid Metodologic (Editor - **Ene, A.**), Ed. Tehnopress, Iasi, 2015, ISBN 978-606-687-233-1, 220 p.
12. **Antoaneta ENE**, Yuriy Denga, Richard Lisovsky, Tatiana Gavrilova, Oleg Bogdevich, Elena Zubcov, Atlas of Maps (Editors - **Ene, A.**, Denga Yu., Bogdevich O., Zubcov E.), Ed. Tehnopress, Iasi, 2015, ISBN 978-606-687-235-5, 40 p.

B. Books for students

1. **Ene, A.**, 2001, Probleme de mecanica fizica si acustica, Editura Fundatiei Universitare Dunarea de Jos, Galati, 148 pagini, ISBN 973-8352-05-3.
2. Nat, A., **Ene, A.**, 2001, Probleme de fizica atomica, Editura Fundatiei Universitare Dunarea de Jos, Galati, 159 pagini, ISBN 973-8139-65-1.
3. Nat, A., **Ene, A.**, 2002, Indrumar de laborator de fizica, Editura Cartea Universitara, Bucuresti, 116 pagini, ISBN 973-86042-0-6.
4. Nat, A., **Ene, A.**, 2003, Fizica atomica si nucleara. Culegere de probleme, Editura Cartea Universitara, Bucuresti, 354 pagini, ISBN 973-7956-12-5.
5. Nat, A., **Ene, A.**, Tudose, C., Velican, N., Gheorghies, C., Vieriu, P., Sahlean, V., Toma, E., Tigau, N., Murariu, G., Condurache-Bota, S., Enache, L., 2003, Fizica. Teste grila pentru bacalaureat si admitere in invatamantul superior (Coordonatori: Nat, A., **Ene, A.**), Editura Fundatiei Universitare Dunarea de Jos, Galati, 261 pagini, ISBN 973-627-024-6.
6. Nat, A., **Ene, A.**, 2003-2006, Indrumar de laborator de fizica - editia II,III,IV,V revizuita si adaugita, Editura Cartea Universitara, Bucuresti, 131 pagini, ISBN 973-7956-42-7.
7. **Ene, A.**, 2003, Fizica pentru ingineri. Lucrari practice si probleme rezolvate, Editura Fundatiei Universitare Dunarea de Jos, Galati, 304 pagini, ISBN 973-627-060-2.
8. **Ene, A.**, Tigau N., Murariu, G., Condurache-Bota, S., 2012, Teste grila de fizica pentru admitere in invatamantul superior, Galati University Press, 33 pagini, ISBN 978-606-8348-49-0.
9. **Ene, A.**, Picu, M., 1993, Probleme de fizica, Vol. IA - Mecanica fizica si acustica. Mecanica analitica, Universitatea Dunarea de Jos, Galati, 155 pagini.
10. Moraru, L., **Ene, A.**, 1993, Probleme de fizica, Vol. IB - Fizica moleculara si caldura, Universitatea Dunarea de Jos, Galati, 153 pagini.
11. **Ene, A.**, Mitoseriu, L., 1997, Indrumar de lucrari practice de mecanica fizica si acustica, Universitatea Dunarea de Jos, Galati, 89 pagini.
12. Bostan, M., Dobrescu, D., Danila, E., **Ene, A.**, Gheorghies, C., Mitoseriu, L., Nat, A., Sahlean, V., Scarlet, G., Toma, D., Toma, E., Tudose, C., Tigau, N., Velican, N., Vieriu, P., Voiculescu, M., 1997, Teste de fizica pentru admiterea in invatamantul superior, Universitatea Dunarea de Jos, Galati, 154 pagini.
13. **Ene, A.**, Nat, A., 1999, Indrumar de laborator de fizica atomica si nucleara, Universitatea Dunarea de Jos, Galati, 154 pagini.
14. **Ene, A.**, 2005-2006, Fizica (IFR), Centrul de multiplicare IDD/IFR al Universitatii Dunarea de Jos, Galati, 100 pagini.

C. Edited volumes

1. Mirela Praisler, Antoaneta Ene, Nicolae Tigau, Book of Abstracts - National Conference on Applied Physics, Galati, June 3-4, 2005, Editura Fundatiei Universitare Dunarea de Jos din Galati, ISBN 973-627-228-1, 38 pag.
2. Mirela Praisler, Antoaneta Ene, Nicolae Tigau, Mirela Voiculescu, Book of Abstracts - 2nd National Conference on Applied Physics, June 9-10th, 2006, Galati, Romania, Editura Fundatiei Universitare Dunarea de Jos din Galati, ISBN (10) 973-627-311-3 si ISBN (13) 973-627-311-7, 72 pag.
3. Antoaneta Ene, Nicolae Tigau, Emilian Danila, Gabriel Murariu, Book of Abstracts - Third National Conference on Applied Physics, June 15-16, 2007, Galati, Editura Fundatiei Universitare Dunarea de Jos din Galati, ISBN 978-973-627-376-6, 80 pag.
4. Antoaneta Ene, Romana Draşovean, Nicolae Tigau, Emilian Dănilă, Constantin Gheorghies, Gabriel Murariu, Alexandrina Nat, Steluşa Gosav, Proceedings Supplement of the Third National Conference on Applied Physics, Annals of the „Dunarea de Jos” University of Galati, Fascicle II, Mathematics, Physics, Chemistry, Informatics, Year XXV (XXX) 2007, Editura Fundatiei Universitare Dunarea de Jos din Galati, ISBN 978-973-627-378-0, 300 pag. (WorldCat - OCLC Number:255024890).
5. Antoaneta Ene, Nicolae Tigau, Book of Abstracts - Fourth National Conference on Applied Physics - Galati, September 25-26, 2008, Galati University Press, ISBN 978-973-88847-5-2, 88 pag.
6. Antoaneta Ene, Lorena Deleanu, Carmen Gasparotti, Eugen Rusu, Book of Abstracts - International Conference Danube Black Sea 3E - Energy, Environment & Efficiency, Galati, September 18-21, 2013, Galati University Press, ISBN 978-973-88847-5-2, 102 pag.
7. Antoaneta Ene, Eugen Rusu, Silviu Măcuță, Carmen Gasparotti, Proceedings of the International Conference Danube Black Sea 3E - Energy, Environment & Efficiency, Galati, 18-21 Septembrie 2013, Analele Universitatii Dunarea de Jos Galati, Matematica, Fizica, Mecanica Teoretica, FASC. II, AN V(XXXVI)2013, vol.2, 346 pag.
8. L. Moraru, A. Ene, M. Timofte, Proceedings of the Scientific Conference of Doctoral Schools from “Dunărea de Jos” University of Galati (CCSD-UDJG 2013). Section 4 - Advanced investigation methods in environment and biohealth, Galati, May 16-17, 2013.
9. Antoaneta Ene, Elena Zubcov, Oleg Bogdevich, Yuriy Denga (Eds.): Abstract Book, International Conference “Environmental Challenges in Lower Danube Euroregion”, Galati, June 25-26, 2015.; Ed. Casa Cartii de Stiinta, Cluj-Napoca, Romania., 2015: 978-606-17-0745-4.
10. Antoaneta Ene, Yuriy Denga, Oleg Bogdevich, Elena Zubcov (Eds.): Atlas of Maps, Ed. Tehnopress, Iasi, 2015.
11. Antoaneta Ene (Ed.), Instrumental Techniques for Environmental Investigations: Methodological Guide/Tehnici Instrumentale pentru Investigatii de Mediu: Ghid Metodologic, Ed. Tehnopress, Iasi, 2015.

3. Papers published in ISI-Thomson (Web of Science) journals

1. Badica, T., Besliu, C., Ene, A., Olariu, A., Popescu, I., 1996, Coincidence method for the determination of minor elements in steel by proton- induced prompt gamma-ray spectrometry (PIGE), Nuclear Instruments and Methods in Physics Research B111, 321 – 324, ISSN 0168-583X.
2. Popescu, I., Badica, T., Olariu, A., Besliu, C., Ene, A., Ivanescu, Al., 1996, Multielemental analysis of metallurgical samples by thermal neutron activation, Journal of Radioanalytical and Nuclear Chemistry, Letters 213(5), 369–376, ISSN 0236-5731.
3. Ene, A., Badica, T., Olariu, A., Popescu, I.V., Besliu, C., 2001, Coincidence method for the analysis of minor elements in steel by deuteron-induced prompt g-ray spectrometry (d-PIGE), Nuclear Instruments and Methods in Physics Research, B179, 126 – 132, ISSN 0168-583X.
4. Lupu, R., Nat, A., Ene, A., 2004, Determination of gold in Romanian auriferous alluvial sands and rocks by 14 MeV neutron activation analysis, Nuclear Instruments and Methods in Physics Research, B217, 123 – 135, ISSN 0168-583X.
5. Ene, A., 2004, Improvement of sensitivity in PIGE analysis of steels by neutron-gamma coincidences measurement, Nuclear Instruments and Methods in Physics Research B222, 228 – 234, ISSN 0168-583X.
6. Nat, A., Ene, A., Lupu, R., 2004, Rapid determination of gold in Romanian auriferous alluvial sands, concentrates and rocks by 14 MeV NAA, Journal of Radioanalytical and Nuclear Chemistry 261(1), 179 – 188, ISSN 0236-5731.
7. Ene, A., Popescu I. V., Badica, T., 2006, Determination of carbon in steels using particle-induced prompt gamma ray spectrometry, Journal of Optoelectronics and Advanced Materials 8(1), 222-224, ISSN 1454-4164.
8. Popescu, I.V., Ene, A., Stihl, C., Bancuta, A., Dima, G., Badica, T., Ghisa, V., 2007, Analytical applications of particle-induced X-ray emission (PIXE), BPU-6, AIP Conference Proceedings 899, p. 538, ISBN 978-0-7354-0404-5, Journal ISSN:0094243X
9. Ene, A., Popescu, I.V., Badica, T., 2007, Multi-elemental analysis of steel by combined nuclear techniques, BPU-6, AIP Conference Proceedings 899, p. 539, ISBN 978-0-7354-0404-5, Journal ISSN:0094243X
10. Ghişă V., Popescu I. V., Belc M., Ene A., 2008, Study of some Roman brooches discovered at Tomis - Constanta by X-Ray Fluorescence technique, Rom. Journ. Phys. 53 (3-4), 557-562, ISSN 1221-146x.
11. G.Murariu, Antoaneta Ene, 2008, Discussions on a Non-Linear Fields' Equations System, Rom. Journ. Phys. 53 (5-6), 651-658, ISSN 1221-146x.
12. Ene A., Popescu I. V., Ghisa V., 2009, Study of transfer efficiencies of minor elements during steelmaking by neutron activation technique, Romanian Reports in Physics 61(1), 165-171, ISSN 1221-1451.
13. Moraru L., Ene A., Murariu G., 2009, High-accuracy structure identification of the aluminium eutectic alloys using the colour metallography, Romanian Reports in Physics 61(4), 700-708, ISSN 1221-1451.
14. Ene, A., Pantelica, A., 2010, Study of transfer of minor elements during ironmaking by neutron activation analysis, Radiochimica Acta, 98 (1) , 53-57, ISSN 0033-8230. DOI: 10.1524/ract.2010.1685
15. Ene, A., Popescu, I.V., Stihl C., Gheboianu A., Pantelica A., Petre C., 2010, PIXE analysis of multielemental samples, Rom. Journ. Phys. ISSN 1221-146x, 55 (7-8), 806-814.
16. Ene, A., Bosneaga A., Georgescu L., 2010, Determination of heavy metals in soils using XRF technique, Rom. Journ. Phys. ISSN 1221-146x, 55 (7-8), 815-820.
17. Stihl C., Radulescu C., Busuioc G., Popescu I. V., Gheboianu A., Ene A., 2011, Studies on accumulation of heavy metals from substrate to edible wild mushrooms, Rom. Journ. Phys. 56(1-2), 257–264.

18. Ene, A., Pantelica A., Freitas M.C., Bosneaga A., 2011, EDXRF and INAA analysis of soils in the vicinity of a metallurgical plant, *Rom. Journal Phys.* 56 (7-8), 993-1000.
19. Ene, A., Pantelica A., 2011, Characterization of metallurgical slags using low-level gamma-ray spectrometry and neutron activation analysis, *Rom. Journal Phys.* 56 (7-8), 1011-1018.
20. Pantelica A., Ene A., Gugu M., Ciortea C., Constantinescu O., 2011, PIXE analysis of some vegetal species, *Rom. Rep. Phys.* 63(4), 997-1008.
21. Ene, A., Bosneaga A., Georgescu L., 2011, Evaluation of soils pollution with heavy metals using XRF technique, *Journal of Environmental Protection and Ecology* 12(3A), 1247-1254; *erfa: Journal of Environmental Protection and Ecology* 12(4A) (2011), 2393.
22. Ene A., Bogdevich O., Sion A., Spanos T., 2012, Determination of polycyclic aromatic hydrocarbons by gas chromatography-mass spectrometry in soils from Southeastern Romania, *Microchemical Journal*, 100, 36-41, issn 0026-265X , doi:10.1016/j.microc.2011.08.006.
23. Pantelica A., Ene A., Georgescu I.I., 2012, Instrumental neutron activation analysis of some fish species from Danube River in Romania, *Microchemical Journal*, 103, 142-147, doi:10.1016/j.microc.2012.02.005.
24. Zubcov E., Zubcov N., Ene A., Biletschi L., 2012, Assessment of copper and zinc levels in fish from freshwater ecosystems of Moldova, *Environmental Science and Pollution Research*, 19(6), 2238-2247, ISSN: 0944-1344 (Print) 1614-7499 (Online) , doi: 10.1007/s11356-011-0728-5.
25. Ene A., Bogdevich O., Sion A., 2012, Levels of organochlorine pesticides (OCPs) and polycyclic aromatic hydrocarbons (PAHs) in topsoils from SE Romania, *Science of the Total Environment*, 439, 76-86, ISSN: 0048-9697, DOI: 10.1016/j.scitotenv.2012.09.004
26. Pantelica A., Freitas M.C., Ene, A., Steinnes, E., 2013, Soil pollution with toxic trace elements in selected Romanian sites studied by instrumental neutron activation analysis, *Radiochimica Acta*, 101, 45-50, DOI: 10.1524/ract.2013.1989.
27. O.V. Ignatenko, V.A. Komar, S.V. Leonchik, N.A. Shempel, A. Ene, A. Cantaragiu, M.V. Frontasyeva, V.N. Shvetsov, 2013, Changes of nitrides characteristics in Li-N system synthesized at different pressures, *Journal of Alloys and Compounds*, 581, 23-27, DOI: 10.1016/j.jallcom.2013.06.173.
28. Thomas Spanos, Antoaneta Ene, Irina B. Karadjova, Assessment of Toxic Elements Cu, Cr, Ni, Pb, Cd, Hg, Zn, As and Hexavalent Chromium in Sewage Sludge from Municipal Wastewater Treatment Plants by Combined Spectroscopic Techniques, *Rom. Journ. Phys.* 60 (1-2) (2015), 237-245, ISSN 1221-146x.
29. Harmens, H., D. A. Norris, K. Sharps, G. Mills, R. Alber, Y. Aleksiyenak, O. Blum, S.-M. Cucu-Man, M. Dam, L. De Temmerman, Ene, A., J. A. Fernández, J. Martinez-Abajgar, M. Frontasyeva, B. Godzik, Z. Jeran, P. Lazo, S. Leblond, S. Liiv, S.H. Magnússon, B. Maňková, G. Phil-Karlsson, J. Piispanen, J. Poikolainen, J.M. Santamaria, M. Skudnik, Z. Spiric, T. Stafilov, E. Steinnes, C. Stihl, I. Suchara, L. Thöni, R. Todoran, L. Yurukova, H. G. Zechmeister, 2015, Heavy metal and nitrogen concentrations in mosses are declining across Europe whilst some "hotspots" remain in 2010, *Environmental Pollution* 200, 93-104, doi:10.1016/j.envpol.2015.01.036.
30. Spanos, Thomas, Antoaneta Ene, Christina Xatzixristou, Agelos Papaioannou, 2015, Assessment of Groundwater Quality and Hydrogeological Profile of Kavala Area, Northern Greece, *Romanian Journal of Physics* 60 (7-8), 1139-1150.
31. Spanos, T., Ene, A., Simeonova, P., 2015, Chemometric expertise of the quality of groundwater sources for domestic use, *Journal of Environmental Science and Health Part A*, 50(11), 1099 - 1107, DOI:10.1080/10934529.2015.1047646.
32. Pintilie, V., Ene, A., Georgescu, L.P., Moraru, L., Iticescu, C., 2016, Measurements of gross alpha and beta activity in drinking water from Galati region, Romania, *Romanian Reports in Physics* 68 (3), 1208-1220.
33. Moraru, L., Obreja, C.D., Moldovanu, S., Ene, A., Biswas, A., 2016, Blood pressure and flow values in small vessels angioarchitectures: application for diabetic retinopathy, *Romanian Journal of Physics* 61 (7-8), 1287-1298.
34. Spanos, T., Ene, A., Patronidou, C.S., Xatzixristou, C., 2016, Temporal variability of selected heavy metal content in sewage sludges from three municipal wastewater treatment plants in Northern Greece, *Ecological Chemistry and Engineering. S = Chemia i Inżynieria Ekologiczna. S*, 23(2), 271-283, DOI:10.1515/eces-2016-0019.
35. Stihl C., Popescu I.V., Frontasyeva M., Radulescu C., Ene A., Culicov O., Zinicovscaia I., Dulama I.D., Cucu-Man S., Todoran R., Gheboianu A.I., Bucurica A., Bancuta I., Dima G., 2016, Heavy Metal Air Pollution Study in Romania Using Moss Biomonitoring, Neutron Activation Analysis and Atomic Absorption Spectrometry, *in press Analytical Letters*, paper ID: LANL-2016-1191.

4. Papers published in IDB journals

1. Ivanescu, Al., Ene, A., Besliu, C., Olariu, A., Popescu, I., Badica, T., Iancu N., 1997, Study of elements heredity during ironmaking, *Metalurgia* 49(5), 63-69, ISSN 0461-9579.
2. Ivanescu, Al., Ene, A., 1999, Study of elements heredity during steelmaking in LD converter, *Metalurgia* 51(4), 44-55, ISSN 0461-9579.
3. Ene, A., Besliu, C., Olariu, A., Popescu, I.V., Badica, T., Jianu, E.D., Stefanescu, L., Ivanescu Al., 1999, Neutron activation analysis of iron and steel materials involved in the steelmaking process, *Romanian Journal of Physics*, Supplement, 44(1-2), 165-172, ISSN 1221-146x.
4. Ene, A., Besliu, C., Badica, T., Popescu, I.V., Olariu, A., 2000, Analysis of minor elements in steel by neutron-gamma coincidences method in proton-induced prompt gamma-ray emission, *Romanian Reports in Physics* 52(5-7), 557-562, ISSN 1221-1451.
5. Ene, A., Besliu, C., Olariu, A., Popescu, I.V., Badica, T., 2000, Analysis of minor and trace constituents of deoxidized steels by thermal neutron activation, *Romanian Reports in Physics* 52(8-9), 671-674, ISSN 1221-1451.
6. Ene, A., Besliu, C., Olariu, A., Badica, T., Popescu, I.V., Ivanescu, Al., Jianu, D., 2000, Investigation of raw materials and related final products involved in the ironmaking process by thermal neutron activation, *Romanian Journal of Physics* 45(9-10), 679-684, ISSN 1221-146x.
7. Ene, A., Popescu, I.V., Badica, T., Olariu, A., 2003, Coincidence method for the analysis of minor elements in steel by proton- and deuteron-induced prompt gamma-ray emission, *Romanian Journal of Physics* 48(1-4), 445-454, ISSN 1221-146x.
8. Popescu, I.V., Badica, T., Ene, A., Olariu, A., Besliu, C., 2004, High sensitivity analysis method of trace elements in steel by charged particles induced prompt γ -ray spectrometry (PIGE), *Romanian Journal of Physics* 49(3-4), 385-392, ISSN 1221-146x.
9. Ene, A., Nat, A., Lupu, R., I.V. Popescu, 2004, Determination of gold in auriferous alluvial sands and rocks by 14 MeV neutron activation analysis, *Romanian Journal of Physics* 49(5-6), 523-529, ISSN 1221-146x.
10. Ene, A., Popescu, I.V., Badica, T., 2005, Determination of manganese in steels using proton-induced nuclear reactions, *Romanian Journal of Physics*, 50 (7-8), 679-684, ISSN 1221-146x.
11. Ene, A., Popescu, I.V., Badica, T., 2005, Multielemental analysis of steels via atomic and nuclear methods, *Romanian Journal of Physics*, 50 (9-10), 963-969, ISSN 1221-146x.
12. Ivanescu, L., Ivanescu, Al., Ene, A., 2006, Fuel economy at the heat treatment furnaces of steel cast pieces, *Analele Universitatii Dunarea de Jos din Galati, Fascicula IX, Metalurgie si Stiinta materialelor, anul XXIV(XXIX)*, nr. 1,74-80, ISSN 1453-083x.
13. Ene, A., Popescu, I.V., Badica, T., 2006, Determination of light elements in steel using particle-induced prompt gamma ray emission, *Romanian Journal of Physics*, 51 (5-6), 589-594, ISSN 1221-146x.
14. Ene, A., Popescu, I.V., Badica, T., Besliu, C., 2006, Comparative study of PIGE, PIXE and NAA analytical techniques for the determination of minor elements in steels, *Romanian Journal of Physics*, 51 (5-6), 595-602, ISSN 1221-146x.
15. I.V. Popescu, A. Ene, C. Stihl, A. Gheboianu, T. Badica, *PIXE applications in elemental analysis of biological and metallurgical samples*, *The Annals of Valahia University - Science section*, vol. 17, 2007, p. 7-12, , ISSN 1584-5567.
16. Nat, A., Ene, A., Analiza aurilor din nisipuri aluvionare prin activare cu neutroni rapizi, *Buletinul AGIR Anul III(3) 2008*, ISSN 1224-7928, p. 37-40.
17. Ene, A., Analiza elementelor minore in oțeluri prin metode atomice si nucleare, *Buletinul AGIR Anul III(3) 2008*, ISSN 1224-7928, p. 31-36.
18. A. Bosneaga, A. Ene, L. Georgescu, XRF multi-elemental analysis of topsoil near an industrial plant, *The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics Year I(XXXII) 2009*, 32(1), No. 1, p. 33-40.
19. A. Bosneaga, L. Georgescu, A. Ene, Soil pollution with heavy metals in Galati region, *The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics Year I(XXXII) 2009*, 32(1), No. 1, p. 41-48.
20. Antoaneta Ene, Claudia Stihl, I.V. Popescu, Anca Gheboianu, Alina Bosneaga, I. Bancuta, 2009, Comparative studies on heavy metal content of soils using AAS and EDXRF atomic spectrometric techniques, *Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009*, No.2, ISSN 2067 - 2071, p. 51-54.
21. Antoaneta Ene, Alina Boșneagă, Lucian Georgescu, Vlad Gogoncea, 2009, XRF analysis of soils from Lower Prut Meadow, *Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009*, No.2, ISSN 2067 - 2071, p. 55-58.

22. A. Gheboianu, C. Stih, I.V. Popescu, A. Ene, I. Bancuta, Gh.V. Cimpoa, I. Dulama, 2009, Quality studies of Potop and PotoceI rivers from Dambovit County area by AAS and TDS measurements, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009, No.2, ISSN 2067 - 2071, p. 59-62.
23. Elena Zubcov, Natalia Zubcov, Antoaneta Ene, Lucia Biletschi, Copper and zinc in fish from Prut River, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009, No.2, ISSN 2067 - 2071, p. 63-67.
24. Elena Zubcov, Laurentia Ungureanu, Antoaneta Ene, Nina Bagrin, Natalia Borodin, Influence of nutrients substances on phytoplankton from Prut River, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009, No.2, ISSN 2067 - 2071, p. 68-72.
25. Claudia Stih, Ion V. Popescu, Anca Gheboianu, Marina Frontasyeva, Antoaneta Ene, Gabriel Dima, Oana Bute, Valerica Cimpoa, Valentin Stih, Calin Oros, Sergiu Dinu, Marilena Voicu, Mineral content of native vegetables obtained by energy dispersive X- ray fluorescence spectrometry, Journal of Science and Arts, year 8 No. 2(9) - 2008, ISSN 1844 - 9581, p. 331-334.
26. Antoaneta Ene, Ion V. Popescu, Mariana Bahrim, Claudia Stih, Anca Gheboianu, Neutron activation method applied in the study of transfer efficiencies of minor elements during steelmaking, Journal of Science and Arts, Anul 8 Nr. 1(8), 2008, p. 179-182, ISSN 1844-9581.
27. Antoaneta Ene, Ion V. Popescu, Claudia Stih, Applications of proton-induced X-ray emission technique in materials and environmental science, Ovidius University Annals of Chemistry, Volume 20, Number 1, pp. 35-39, 2009.
28. Antoaneta Ene, Ana Pantelica, Neutron activation analysis of deoxidized steels, Ovidius University Annals of Chemistry, Volume 20, Number 1, pp. 31-35, 2009.
29. Elena Zubcov, Laurentia Ungureanu, Antoaneta Ene, Natalia Zubcov, Nina Bagrin, Natalia Borodin, Liubovi Lebedenco, Lucia Biletschi, Assessment of chemical compositions of water and ecological situation in Dniester river, Journal of Sciences and Arts, Year 10, No. 1 (12), pp. 47-52, 2010.
30. Antoaneta Ene, Ion V. Popescu, Claudia Stih, Anca Gheboianu, Cristiana Radulescu, Nicolae Tigau, Steluta Gosav, Assessment of river water quality in Central and Eastern parts of Romania using atomic and optical methods, Journal of Sciences and Arts, Year 10, No. 1 (12), pp. 113-118, 2010.
31. Antoaneta Ene, Alina Bosneaga, Inter-element relationships for soils around a ferrous metallurgical plant, Journal of Sciences and Arts, Year 10, No. 2 (13), pp. 293-298, 2010
32. Elena Zubcov, Natalia Zubcov, Antoaneta Ene, Nina Bagrin, Lucia Biletschi, The dynamics of trace elements in Dniester river ecosystems, Journal of Sciences and Arts, Year 10, No. 2 (13), pp. 281-286, 2010.
33. Antoaneta Ene, Nicolae Tigau, Mirela Praisler, Luminita Moraru, Principal component analysis of physico-chemical parameters of river water, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year II(XXXIII) 2010, ISSN 2067 - 2071, p.130-135.
34. Giancarlo Rennela, Loretta Landi, Alina Bosneaga, Paola Arfaio, Antoaneta Ene, Lucian P. Georgescu, Quantitative measurements of the heavy metal content using sequential chemical extraction on Cu polluted soils, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year II(XXXIII) 2010, ISSN 2067 - 2071, p.160-165.
35. Giancarlo Rennela, Loretta Landi, Alina Bosneaga, Paola Arfaio, Antoaneta Ene, Lucian P. Georgescu, Determining the affinity of the elements in soils using a step by step protocol of sequential chemical extraction, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year II(XXXIII) 2010, ISSN 2067 - 2071, p.166-171.
36. Giancarlo Rennela, Loretta Landi, Alina Bosneaga, Paola Arfaio, Antoaneta Ene, Lucian P. Georgescu, Determination of the level of soil pollution from soil solution using AAS technique, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year II(XXXIII) 2010, ISSN 2067 - 2071, p.172-175.
37. Giancarlo Rennela, Loretta Landi, Alina Bosneaga, Paola Arfaio, Antoaneta Ene, Lucian P. Georgescu, Determination of the toxicity of soil solution using the BIOTOX® method, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year II(XXXIII) 2010, ISSN 2067 - 2071, p.176-179.
38. L. Moraru, A. Ene, M. Praisler, Image analysis procedure for identifying ciliated protozoa and parasites in water samples, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year II(XXXIII) 2010, ISSN 2067 - 2071, p.83-86.
39. Antoaneta Ene, Oleg Bogdevich, Alina Bosneaga, Determination of pesticides and polycyclic aromatic hydrocarbons in soils from Eastern part of Romania using GC and GC/MS techniques, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year II(XXXIII) 2010, ISSN 2067 - 2071, p.124-129.
40. Antoaneta Ene, Alina Sion (Bosneaga), Comparative study of high precision spectrometric techniques used for the assesment of trace elements in soils, The Annals of Dunarea de Jos University of Galati, Fascicle IX, Metallurgy and Materials Science, Year XXIX (XXXIV), Special Issue-2011, ISSN 1453-083X, p. 7-10.
41. Antoaneta Ene, Oleg Bogdevich, Alina Sion (Bosneaga), GC-MS analysis of selected PAHs in soils from Galati region, eastern part of Romania, The Annals of Dunarea de Jos University of Galati, Fascicle IX, Metallurgy and Materials Science, Year XXIX (XXXIV), Special Issue-2011, ISSN 1453-083X, p. 166-168.
42. Sion (Bosneaga) A., Caldaru A. C., Georgescu L. P., Ene A., A Complete Monitoring Analysis on Water and Soil From Prut River, Galati County, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR III (XXXIV) 2011, No. 1, p. 5-10.
43. Sion (Bosneaga) A., Ene A., Georgescu L. P., Index of Geoaccumulation in Soils Collected from Urban and Industrial Sites, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR III (XXXIV) 2011, No. 1, p.11-14.
44. Ene A., (Bosneaga) Sion A., Georgescu L., Bogdevich O., Monitoring Techniques for Inorganic and Organic Pollutants in Soils Around an Integrated Iron and Steel Plant, The Annals of Dunarea de Jos University of Galati, Metallurgy and Materials Science, Year XXIX (XXXIV), 4 (2011), p. 21-24 ISSN 1453-083X.
45. Sion (Bosneaga) A., Ene A., Georgescu L., Heavy Metals in Soils Near an Industrial Plant in Galati, Romania: Implications for the Population Health Risk, Journal of Sciences and Arts, 2011, Year 11, 3(16), p. 299-302.
46. Antoaneta Ene, Thomas Spanos, Study of distribution and sources of polycyclic aromatic hydrocarbons (PAHs) in topsoils from SE Romania using multivariate statistical analysis, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR IV (XXXV) 2012, Nos. 1-2, p.15-21.
47. O.V. Ignatenko, V.A. Komar, S.V. Leonchik, N.A. Shempel, A. Ene, A. Cantaragiu, M.V. Frontasyeva, V.N. Shvetsov, Changes of nitrides characteristics in Li-N system synthesized at different pressures, JINR Preprint, D18-2012-102, Dubna, Russia, 2012, pp. 12 (in English and in Russian).
48. Alina Sion, Antoaneta Ene, Soil pollution evaluation for some pollutants in the Lower Prut meadow, Galati, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013, 24-27.
49. Alina Sion, Antoaneta Ene, Soil morphology and qualitative study using SEM-EDX technique, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013, 28-31.
50. Antoaneta Ene, Luminita Moraru, Emiliana Dănilă, Liliana Cioară, Study of characteristic X-ray spectra induced in complex matrices by radioisotope and electron excitation, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V(XXXVI) 2013, 40-43.
51. Emiliana Dănilă, Antoaneta Ene, Luminita Moraru, Adriana Danila, Liliana Cioară, Study of powder materials of Li-N system interpreted in terms of multifractal geometry, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013, 44-48.
52. Mirela Punga (Visan), Luminita Moraru, Antoaneta Ene, Emiliana Dănilă, Performance of boundary detection algorithms on medical images, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013, 12-15.
53. Emiliana Dănilă, Mirela Punga (Visan), Antoaneta Ene, Luminita Moraru, Adriana Dănilă, Automatisatation of the diagnosis of portal and vascular problems of the liver, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013, 49-52.
54. Emiliana Dănilă, Antoaneta Ene, Luminita Moraru, Adriana Dănilă, Mirela Punga (Visan), Land use change studied by means of multifractal geometry, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013, 53-60.
55. Claudia Ungureanu, George Ifrim, Antoaneta Ene, Gabriela Bahrim, Mihaela Turturica, Chemical and microbiological analysis of water quality from Lower Danube region, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR VI (XXXVII) 2014, No.2, 209-215.
56. S. Condurache-Bota, G. Condurache-Bota, M. Voiculescu, A. Ene, A.T. Antohe, Recent developments in air quality in Europe, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VII (XXXVIII), 2015, p.159-164.
57. S. Condurache-Bota, A. Ene, G. Condurache-Bota, G. Pavelascu, Nuclear energy and radioactive pollution, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VII (XXXVIII), 2015, p.165-176.

58. Sândița Plăcintă, Mirela Crețu, Victor Cristea, Antoaneta Ene, Elena Bocioc, Marian Tiberiu Coadă, Seasonal characterization of physico-chemical parameters of Danube river water, Isaccea-Vilkovo sector, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VII (XXXVIII), 2015, p.183-187.
59. Drașovean, R., Ene, A., Gosav, S., Păduraru, N., Monitoring some greenhouse gases in Romania, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VII (XXXVIII), 2015, p.195-200.
60. Steluța Gosav, Nicoleta Păduraru, Antoaneta Ene, Romana Drașovean, Toxicological study on some chemical compounds using the molecular modeling, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VII (XXXVIII), 2015, p.201-206.
61. Bulat, Dm.; Bulat, Dn; Toderaș, I. Usatîi, M.; Zubcov, E.; Ungureanu, L.; Ene, A.; Davideanu, G.; Șaptefrați, N., Importanța zonelor umede pentru menținerea ihtiofaunei Nistrului și Prutului inferior, Buletinul Academiei de Științe a Moldovei. Științele vieții 1(325), 2015, p.120-126.
62. Antoaneta Ene, Marina V. Frontasyeva, A. Cantaragiu, V. Pintilie, E. Pascu, D. Soimu, E. Chiriac, V. Coguteac, A. Buliga, M. Tobol, Nuclear and X-ray methods used in environmental and material science, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VIII (XXXIX), No.1, 2016, p.86-91.
63. V. Pintilie, A. Ene, L.P. Georgescu, L. Moraru, Monitoring of gross alpha and beta activity in drinking water from Galati during 2013-2014, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VIII (XXXIX), No.1, 2016, p.20-25.
64. Victor Ciornea, Anastasia Ivanova, Elena Zubcov, Antoaneta Ene, Determination of some of organochlorine pesticides in the waters of the Prut River, Annals of the Univ. Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VIII (XXXIX), No.1, 2016, p.81-85.
65. Liubovi Lebedenco, Olga Jurminskaja, Elena Zubcov, Antoaneta Ene, Dynamics of zooplankton in ecosystems of the Lower Danube, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VIII (XXXIX), No.1, 2016, p.92-100.
66. Thomas Spanos, Antoaneta Ene, Environmental assessment of toxic metals occurrence in urban sewage sludge for its potential land application, Annals Dunarea de Jos Univ. Galati, Fasc. II. Mathematics, Physics, Theoretical Mechanics, year VIII (XXXIX), No. 2, 2016, p. 158-166.
67. Steluța Gosav, Antoaneta Ene, Rodica Dragomir, Spectroscopic investigation of sedimentary rocks with fossil plants using ATR-FTIR technique, Annals Dunarea de Jos Univ. Galati, Fasc. II. Mathematics, Physics, Theoretical Mechanics, year VIII (XXXIX), No. 2, 2016, p. 242-247.
68. V. Pintilie, Lucian-Puiu Georgescu, Luminita Moraru, Antoaneta Ene, Catalina Ilicescu, NATURAL RADIOACTIVITY IN DRINKING WATER FROM GALATI AND VRANCEA AREAS, ROMANIA. Radiation and Applications, 2016, 1(3), 165-170, DOI:10.21175/RadJ.2016.03.031.

5. Papers published in extenso in volumes of international conferences

1. Popescu, I., Badica, T., Besliu, C., Olariu, A., Ene, A., 1994, Investigation by X and Gamma – ray detection of some steel samples, Proceedings Supplement of Balkan Physics Letters, 2 (2), 1465-1468, BPU-2, 2nd General Physics Conference of the Balkan Physics Union, 12-14 September, Ege University, Izmir, Turkey.
2. Ene, A., Badica, T., Besliu, C., Olariu, A., Popescu, I.V., 1997, Analysis of minor elements in steel by coincidence method in deuteron-induced prompt gamma-ray spectrometry, Proceedings Supplement of Balkan Physics Letters, 6, 2043-2046, BPU-3, 3rd General Physics Conference of the Balkan Physics Union, 2-5 September, Babes-Bolyai University, Cluj-Napoca, Romania.
3. Ene, A., Besliu, C., Olariu, A., Badica, T., Popescu, I.V., Ivanescu, Al., 1997, Study of minor elements transfer during the steel manufacture by neutron activation analysis, Proceedings Supplement of Balkan Physics Letters, 6, 2047-2050, BPU-3, 3rd General Physics Conference of the Balkan Physics Union, 2-5 September, Babes-Bolyai University, Cluj-Napoca, Romania.
4. Ivanescu, Al., Ene, A., Ivanescu, L., 2001, Research on steel parts coating with stainless steel by metallothermal techniques, EUROCOAT 2001, Poster 75, Recueil des Conférences, Volume I, p. 207-211, September 24-27, Lyon, France.
5. Ivanescu, Al., Ene, A., Ivanescu, L., 2003, Modeling of the steel desulfurization process, Proceedings of the 27th Annual Congress of American Romanian Academy of Arts and Sciences (ARA), May 29-June 2, University of Oradea, Romania, Vol. II, Engineering and Applied Mathematics, 717-719, 2002, Polytechnic International Press, Montreal, Canada, ISBN 2-553-01024-9.
6. Ivanescu, Al., Ene, A., Cananau, N., Macuta, S., 2003, Mathematical model of the LD steel deoxidation kinetics with manganese and aluminium, The Annual Symposium of the Institute of Solid Mechanics, SISOM 2003, Bucharest, May 15-16, Session 2, paper 6R, 57-62.
7. Ivanescu, Al., Ene, A., Cananau, N., 2004, Mathematical model of the LD steel deoxidation kinetics with manganese and aluminium, Proceedings of the 28th Annual Congress of American Romanian Academy of Arts and Sciences (ARA), June 3-8, 2003, Constantin Brancusi University of Targu Jiu, Romania, Vol. II, Engineering and Applied Mathematics, 799-802, Polytechnic International Press, Montreal, Canada, ISBN 2-553-01137-7.
8. Ivanescu, Al., Ene, A., Ivanescu, L., 2004, The increase of the energetic efficiency of the electric arc furnace by using exothermal mixtures, METAL 2004, 13th International Metallurgical & Materials Conference, May 18 – 20, Hradec nad Moravici, Czech Republic, Section A, Poster A20, Abstract Paper no. 118, p. 34; Proceedings on CD-ROM (118.pdf), 1-4, ISBN 80-85988-95-X.
9. Ivanescu, Al., Ene, A., Catana, C., Ivanescu, L., 2005, Researches regarding the vaporization process of the existing elements in the metallic bath during steel making in LD converter, METAL 2005, 14th International Metallurgical & Materials Conference, May 24 – 26, Hradec nad Moravici, Czech Republic, Section A, Poster A6P, Abstract Paper 76, p.44; Proceedings on CD-ROM (76.pdf), 1-8, ISBN 80-86840-13-1.
10. Ivanescu, Al., Ene, A., Ivanescu, L., Catana, C., Doniga, A., 2006, Mathematical modelling of the refractory lining of the LD converter, METAL 2006, 15th International Metallurgical & Materials Conference, May 23 – 25, Hradec nad Moravici, Czech Republic, Symposium A - Advanced Iron Production and Steel Making, Poster A09, Abstract Paper 150, p.34; Proceedings on CD-ROM (150.pdf), 1-6, ISBN 80-86840-18-2.
11. Ivanescu, Al., Ene, A., Ivanescu, L., Catana, C., Istrate, M., 2006, Study of the explosions which take place in the recovery boilers and LD converters during the pauses between charges, METAL 2006, 15th International Metallurgical & Materials Conference, May 23 – 25, Hradec nad Moravici, Czech Republic, Symposium A - Advanced Iron Production and Steel Making, Poster A10, Abstract Paper 151, p.34; Proceedings on CD-ROM (151.pdf), pp.1-9, ISBN 80-86840-18-2.
12. Ivanescu, Al., Ene, A., Munteanu, V., Ivanescu, L., Zorlescu, D., 2006, EOSC 2006, Vaporisation of the Component Elements from Metallic Bath during Refining in Oxygen Converter, 5th European oxygen Steelmaking Conference, 26-28 June, Steel Institute VDEh, Aachen, Germany, Session 4 – By-products, recycling and environmental, Paper 4.6, Oral presentation, Proceedings p. 168-175, ISBN 3-514-00727-6 & ISBN 978-3-514-00727-7.
13. Ivanescu, Al., Ene, A., Cocindau, C., Ivanescu, L., Doniga, A., 2007, Study of the thermodynamic regime at continuous casting of steel, METAL 2007, 16th International Metallurgical & Materials Conference, May 22 – 24, Hradec nad Moravici, Czech Republic, Abstract Paper Z-9, p.117; Proceedings on CD-ROM (67.pdf), 1-9, ISBN 978-80-86840-33-8.
14. Ivanescu, Al., Ivanescu, L., Ene, A., Vasilescu E., Doniga A., 2007, Marsh gas economy achievement at the heat treatment furnaces by the replacement with blast furnace gas, 7th international conference economical energy production, High Tatras, Slovak republic, 24-26 October 2007, Acta Mechanica Slovaca, 543-550, ISSN 1335-2393.
15. Ivanescu, L., Ivanescu, Al., Ene, A., Vasilescu E., Doniga A., 2007, Energy saving at the electric arc furnaces by using the released heat from exothermal reactions, 7th international conference economical energy production, High Tatras, Slovak republic, 24-26 October 2007, Acta Mechanica Slovaca, 551-554, ISSN 1335-2393.
16. Ivanescu, Al., Zorlescu, D., Ene, A., Munteanu, V., Ivanescu, L., 2007, Modelling of the heat losses at the liquid metal transport in an integrated iron and steel works, 11-15 June, METEC InsteelCon 2007, Steel Institute VDEh, Dusseldorf, Germany, Session 1 – Fundamentals of ironmaking, Paper 1.6, Oral presentation, Proceedings 3rd International Conference on New Developments in Metallurgical Process Technologies, p. 32-38, ISBN 978-3-514-00742-0.
17. A. Ene, I. V. Popescu, V. Ghisa, 2007, Study of transfer efficiencies of minor elements during steelmaking by neutron activation technique, 5th International Conference "NEW RESEARCH TRENDS IN MATERIAL SCIENCE - ARM-5", 5-7 September, Sibiu, Romania, Poster Section 1-Metals. Alloys. Intermetallic Compounds, Paper 1.74, Proceedings p.278-281
18. Ivanescu, A., Ene, A., Ivanescu, L., Study of the heat losses at the continuous casting of slabs, METAL 2008, 17th International Metallurgical & Materials Conference, May 13 – 15, 2008, Hradec nad Moravici, Czech Republic, poster A7P, p. 98, Abstracts ISBN 978-80-254-1987-8, Proceedings on CD-ROM (165.pdf), p. 1-5
19. Ivanescu, A., Ivanescu, L., Ene, A., Marsh gas replacement with blast furnace gas at the heating of the mixer, METAL 2008, 17th International Metallurgical & Materials Conference, May 13 – 15, 2008, Hradec nad Moravici, Czech Republic, poster A7P, p. 98, Abstracts ISBN 978-80-254-1987-8, Proceedings on CD-ROM (154.pdf), p. 1-4.
20. Zubcov Natalia, Zubcov Elena, Ene Antoaneta, Biletschi Lucia, THE LEVEL OF METALS IN FISH FROM RIVER PRUT WATER ECOSYSTEMS, Simpozionul International Diversitatea, valorificarea rationala si protectia lumii animale, Chisinau, 3-4 noiembrie 2009, Biblioteca Stiintifica Centrala „Andrei Lupan” a Academiei de Stiinta a Moldovei, ISBN 978-9975-67-611-3, p.283-285.

21. Zubcov Natalia, Elena Zubcov, Lucia Biletschi, Antoaneta Ene, The accumulation and the influence of trace elements on growth and development of fish during early ontogenesis, International Conference of Zoologists „Actual problems of protection and sustainable use of animal world diversity”, (dedicated to the 50th anniversary from the foundation of Institute of Zoology of ASM), Institute of Zoology of the Academy of Sciences of Moldova, Chisinau, 12-14 October 2011, Program p.7, Section 3-Water Ecology; Oral presentation, 13 October 2011 (14h00-17h00), Institute of Zoology-room 321; Proceedings of the Conference, ISBN 978-9975-4248-2-0, p. 200-201. <http://www.eco-tiras.org/books/Zool-conf-2011-Proc-Chisinau.pdf>
22. Oleg Bogdevich, Antoaneta Ene, Oleg Cadocinovic, Culighin Elena, The analysis of PAHs and POPs pollution sources in Low Danube region, 22nd International Symposium „Ecology & Safety”, Bulgaria, Sunny Beach, June 7-11, 2013. JOURNAL OF International Scientific Publications: Ecology&Safety, Volume 7, Part 2, 2013, pp 233-243. ISSN 1313-2563. <http://www.scientific-publications.net/open-access-journals/ecology-and-safety/>
23. Thomas Spanos, Antoaneta Ene, Mitkidou Sofia, Pavlina Simeonova, 2015, Application of chemometric methods for assessment of groundwater quality data in Kavala Prefecture, Northern Greece, INTERNATIONAL CONFERENCE "New Frontiers in Environmental and Water Management", March 19-21, 2015, Kavala, GREECE, Book of Abstracts, p.18, Proceedings of the international conference, pp. 56-62, ISBN 978-960-363-062-3, <http://fewm.eu/>
24. O.V. Ignatenko, A.V. Konovalova, V.A. Komar, S. V. Leonchik, N. A. Shempel, Yu. V. Aleksiyenak, M.V. Frontasyeva, V. N. Shvetsov, A. Ene, A. Cantaragiu. Comparative characteristics of synthetic diamond powder obtained in systems Fe-Ni-C and Mn-Ni-C, Proceedings of the 2nd International Conference on Modern Applications of Nanotechnology, 6-8 May 2015, Minsk, Belarus, Scientific and Practical Materials Research Center of the National Academy of Sciences of Belarus, 2015, pp. P077-1 – P077-3.
25. Oleg Bogdevich, Antoaneta Ene, Oleg Cadocinovic, Elena Culighin, Elena Nicolau, Marina Grigoras, The study of POPs contaminated sites in Danube River basin of Republic Moldova for risk assessment and remediation actions, International Conference Contaminated sites 2016, Bratislava, 12–13 September 2016, Conference Proceedings. Slovak Environment Agency. Banská Bystrica, 2016. ISBN: 978 978-80-89503-54-4, pp. 64-68.

6. Other scientific contributions:

Papers published in international refereed journals

1. Ivanescu, L., Ene, A., Ivanescu, Al., 2001, The mathematical modelling of the power consumptions savings on the heating furnaces, Acta Mechanica Slovaca, 5(3), 411-416, ISSN 1335-2393. <http://www.sif.tuke.sk/actamechanica/3-2001ravypaseen.htm>
2. Ivanescu, Al., Ivanescu, L., Ene, A., Achimfa, S., 2001, Researches on power consumptions savings in the electric arc furnaces by preheating the metallic charge with exothermal mixtures, Acta Mechanica Slovaca, 5(3), 417-420, ISSN 1335-2393. <http://www.sif.tuke.sk/actamechanica/3-2001ravypaseen.htm>
3. Ivanescu, Al., Ivanescu, L., Ene, A., Vasilescu E., Doniga A., 2007, Marsh gas economy achievement at the heat treatment furnaces by the replacement with blast furnace gas, Acta Mechanica Slovaca, 11, 543-550, ISSN 1335-2393.
4. Ivanescu, L., Ivanescu, Al., Ene, A., Vasilescu E., Doniga A., 2007, Energy saving at the electric arc furnaces by using the released heat from exothermal reactions, Acta Mechanica Slovaca, 11, 551-554, ISSN 1335-2393.
5. Ostroumov S.A., Kolesov G.M., Toderas I.K., Ene Antoaneta, Detection of elements (La, Au, U, Cs, Ba, Na, Ce, Se, Sb, Hf, Th, Sc, Sm, and others) in biogenic detritus of aquatic microcosms with *Viviparus viviparus*, *Unio pictorum*, *Ceratophyllum demersum*, Buletinul Academiei de Ştiinţe a Moldovei – Ştiinţele vieţii, vol. 2(308), 2009, ISSN 1857-064X, p.85-94 [C.A. Остроумов, Г.М. Колесов, И.К. Тодераш, and A. Ени. Выявление элементов (La, Au, U, Cs, Ba, Na, Ce, Se, Sb, Hf, Th, Sc, Sm и других) в биогенном детрите водных микрокосмов с *Viviparus viviparus*, *Unio pictorum*, *Ceratophyllum demersum*. Известия АН Молдовы. Науки о жизни, (2 (308)):85–94, 2009]. http://bn.idsi.md/sites/default/files/j_nr_file/buletin%20nr%202%202009.pdf
6. Ostroumov S.A., Toderas I.K., Zubcov E.I., Kotelevtsev S.V., Ermakov V.V., Krupina A.A., Ene A., Mikus A.A., Biletschi L.I., Briahnă A., Miron A., Biogenic copper migration in aquatic ecosystems (in Russian), Buletinul Academiei de Ştiinţe a Moldovei – Ştiinţele vieţii (Bulletin of Academy of Sciences of Moldova. Life Sciences), vol. 3(309), 2009, ISSN 1857-064X, p.4-22 [Остроумов С.А., Тодераш И.К., Зубкова Е.И., Котелевцев С.В., Ермаков В.В., Крупина М.В., Ене А., Микус А.А., Билецки Л.И., Бряхна А., Мирон А., БИОГЕННАЯ МИГРАЦИЯ МЕДИ В ВОДНЫХ ЭКОСИСТЕМАХ]. https://bn.idsi.md/sites/default/files/j_nr_file/buletin%20nr%203%202009.pdf
7. BULAT, Dm.; BULAT, Dn; TODERAŞ, I. USAȚII, M.; ZUBCOV, E.; UNGUREANU, L.; ŞAPTEFRAȚI, N.; ENE, A.; DAVIDEANU, Gr. Importanța zonelor umede pentru menținerea ihtofaunei Nistrului și Prutului inferior. Buletinul Academiei de Ştiinţe a Moldovei. Ştiinţele vieţii. 2015, 1(325), p. 120-125. ISSN 1857-064X. <http://bsl.asm.md/article/id/37183>

Papers published in CNCSIS journals

1. Besliu, C., Olariu, A., Badica, T., Popescu, I., Ene, A., Strugari, C., 1994, Experimental researches concerning the determination of elements content in raw materials using in steel manufacturing in SIDEX S.A. Iron and Steel Works of Galati by thermal neutron activation, Metalurgia 46(9), 79 – 82, ISSN 0461-9579.
2. Ene, A., 2000, Analysis of minor elements in steels by measuring the prompt g-rays from (d,n) reactions, The Annals of the University Dunarea de Jos of Galati, Fascicle II- Mathematics, Physics, Theoretical mechanics, year XVIII (XXIII), 79-86, ISSN 1221-4531.
3. Nat, A., Ene, A., 2000, Study of nuclear interferences in fast neutron activation analysis of gold from auriferous alluvial sands, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XVIII (XXIII), 87-92, ISSN 1221-4531.
4. Ene, A., 2001, Analysis of minor elements in steels by measuring the prompt g-rays from (p,n) reactions, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XIX (XXIV), 37-42, ISSN 1221-4531.
5. Lupu, R., Nat, A., Ene, A., Nat, N., 2001, Study of reaction interferences in analysis of gold in Romanian alluvial sands by 14 MeV neutron activation, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XIX (XXIV), 31-36, ISSN 1221-4531.
6. Nat, A., Ene, A., Lupu, R., 2002, Study of the spectral interferences in fast neutron activation analysis of gold in Romanian auriferous alluvial sands, rocks and concentrates, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XX (XXV), 111-118, ISSN 1221-4531.
7. Ene, A., 2003, Analysis of minor and trace constituents of deoxidized steels by thermal neutron activation, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XXI (XXVI), 97-100, ISSN 1221-4531.
8. Nat, A., Ene, A., 2003, Study of the optimal conditions of gold determination in auriferous samples by 14 MeV NAA, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XXI (XXVI), 101-104, ISSN 1221-4531.
9. Ene, A., 2004, Enhancement of PIGE sensitivity for minor elements analysis in steels, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XXII (XXVII), 81-86, ISSN 1221-4531.
10. Nat, A., Ene, A., 2004, Determination of the optimal experimental times in 14 MeV NAA of auriferous samples for gold, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XXII (XXVII), 87-92, ISSN 1221-4531.
11. Ene, A., 2005, Quantitative analysis of manganese in steels by measuring the prompt gamma-rays from nuclear reactions, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XXIII (XXVIII), 229-234, ISSN 1221-4531.
12. Ene, A., 2005, Proton-induced X-ray emission analysis of steel samples, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XXIII (XXVIII), 235-238, ISSN 1221-4531.
13. Nat, A., Ene, A., 2005, On the application of instrumental fast neutron activation analysis (FNAA) for the determination of gold in auriferous sands, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XXIII (XXVIII), 239-244, ISSN 1221-4531.
14. Nat, A., Ene, A., 2005, Study of nuclear interferences in 14 MeV neutron activation analysis for alkali determination in raw materials used in ironmaking, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XXIII (XXVIII), 245-250, ISSN 1221-4531.
15. Ene, A., 2006, PIGE-DIGE determination of carbon in steel samples, Analele Universitatii Dunarea de Jos din Galati, Fascicula II, Matematica, fizica, mecanica teoretica, anul XXIV (XXIX), 45-48, ISSN 1221-4531.
16. Ene, A., Popescu, I.V., Badica, T., 2006, Capabilities of PIXE technique for the determination of minor constituents of steel, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XXIV (XXIX), 41-44, ISSN 1221-4531.
17. Nat, A., Ene, A., 2006, A procedure for optimal determination of gold in alluvial sands by 14 MeV neutron activation analysis, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XXIV (XXIX), 49-54, ISSN 1221-4531.
18. Nat, A., Ene, A., 2006, 14 MeV neutron activation analysis of alkali in ores used in iron and steel industry, Analele Universitatii Dunarea de Jos din Galati, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XXIV (XXIX), 55-62, ISSN 1221-4531.
19. Ene, A., Ivanescu L., Ivanescu Al., 2006, On the utilization of blast furnace gas in a proportion of 100% for the cowpers heating, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XXIV (XXIX), 51-58, ISSN 1221-4531.

20. Ivanescu Al., Ene, A., Ivanescu L., 2006, Improvement of the electric furnaces energetic efficiency by using exothermal mixtures, The Annals of the University Dunarea de Jos of Galati, Fascicle II, year XXIV (XXIX), 59-62, ISSN 1221-4531.
21. Nistor Cristea, L., Ene, A., Drasovean, R., 2006, On the possibility of using the slags from iron and steel industry in road construction from the point of view of their physical-mechanical properties, The Annals of the University Dunarea de Jos of Galati, Fascicle II, Supplement A, year XXIV (XXIX), 92-97, ISSN 1221-4531.
22. Antoaneta Ene, I.V. Popescu, T. Badica, Claudia Stih, Anca Gheboianu, M. Gugiu, V. Ghisa, I. Bancuta, G. Dima, 2007, Analytical applications of PIXE technique, Proceedings Supplement of the National Conference on Applied Physics, 3rd Edition, Galati, 15-16 June 2007, The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Chemistry, Informatics, Supplement, year XXV (XXX), 7-10, ISSN 1842-6506.
23. C. Stih, I. V. Popescu, V. Cimpoca, S. Apostol, G. Dima, C. Oros, S. Dinu, Gh. Vlaicu, A. Ene, 2007, Total dissolved solids measurements of water quality, Proceedings Supplement of the National Conference on Applied Physics, 3rd Edition, Galati, 15-16 June 2007, The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Chemistry, Informatics, Supplement, year XXV (XXX), 237-240, ISSN 1842-6506.
24. V.Ghișă, I.V.Popescu, M. Belc, A. Ene, 2007, AAS study on different types of tool traces in some ancient symbols, discovered at Sinca Veche temple, Romania, Proceedings Supplement of the National Conference on Applied Physics, 3rd Edition, Galati, 15-16 June 2007, The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Chemistry, Informatics, Supplement, year XXV (XXX), 240-243, ISSN 1842-6506.
25. A. Ene, I.V. Popescu, T. Badica, 2007, DIGE analysis of oxygen in steels, Proceedings Supplement of the National Conference on Applied Physics, 3rd Edition, Galati, 15-16 June 2007, The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Chemistry, Informatics, Supplement, year XXV (XXX), 244-247, ISSN 1842-6506.
26. A. Nat, A. Ene, 2007, Necessary corrections in quantitative determination of gold in auriferous sands and concentrates by fast neutron activation analysis, Proceedings Supplement of the National Conference on Applied Physics, 3rd Edition, Galati, 15-16 June 2007, The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Chemistry, Informatics, Supplement, year XXV (XXX), 248-251, ISSN 1842-6506.
27. V. Ghișă, I. V. Popescu, M. Belc, Antoaneta Ene, A X-ray fluorescence technique study applied on some Roman brooches discovered at Tomis, Constanta, The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Chemistry, Informatics, new series, Year I(XXX) 2007, ISSN 1842-6506, p. 91-95
28. Claudia Stih, G. Busuic, I.V. Popescu, T. Badica, S. Apostol, V. Stih, Antoaneta Ene, Vegetable leaves as bioindicators of heavy metal environmental pollution, The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Chemistry, Informatics, new series, Year I(XXX) 2007, ISSN 1842-6506, p. 100-104
29. Mariela Ghețu, Antoaneta Ene, The radioactivity in the mining area from Poiana Rusca Mountains, The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Chemistry, Informatics, new series, Year I(XXX) 2007, ISSN 1842-6506, p. 40-45
30. Alexandru Ivanescu, Lilica Ivanescu, Antoaneta Ene, Study of the evolution of the heat exchange coefficient at the continuous casting of steel, The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Chemistry, Informatics, new series, Year I(XXX) 2007, ISSN 1842-6506, p. 111-116
31. I.V. Popescu, A. Ene, C. Stih, A. Gheboianu, T. Badica, PIXE applications in elemental analysis of biological and metallurgical samples, The Annals of Valahia University - Science section, vol. 17, 2007, p. 7-12, ISSN 1584-5567.
32. A. Nat, A. Ene, Experimental aspects in the determination of alluvial gold by instrumental fast neutron activation analysis (FNAA), The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Chemistry, Informatics, Supplement, Year II(XXXI) 2008, ISSN 1842-6506, p. 105-112
33. Antoaneta Ene, Alina Boșneagă, Andreea Ene, Analysis and control of metallurgical materials using X-ray fluorescence technique and X-ray attenuation, The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Chemistry, Informatics, Supplement, Year II(XXXI) 2008, ISSN 1842-6506, p. 161-166
34. Ene, A., I.V. Popescu, C. Stih, T. Badica, A. Gheboianu, I. Bancuta, G. Dima, Multielemental analysis of metallurgical, environmental and biological samples using PIXE technique, The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Chemistry, Informatics, Year II(XXXI) 2008, ISSN 1842-6506, p. 61-67.
35. Nat, A., Ene, A., Analiza aurului din nisipuri aluvionare prin activare cu neutroni rapizi, Buletinul AGIR Anul III(3) 2008, ISSN 1224-7928, p. 37-40.
36. Ene, A., Analiza elementelor minore in oteluri prin metode atomice si nucleare, Buletinul AGIR Anul III(3) 2008, ISSN 1224-7928, p. 31-36.
37. A. Bosneaga, A. Ene, L. Georgescu, XRF multi-elemental analysis of topsoil near an industrial plant, The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics Year I(XXXII) 2009, 32(1), No. 1, p. 33-40.
38. A. Bosneaga, L. Georgescu, A. Ene, Soil pollution with heavy metals in Galati region, The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics Year I(XXXII) 2009, 32(1), No. 1, p. 41-48.
39. Antoaneta Ene, Claudia Stih, I.V. Popescu, Anca Gheboianu, Alina Bosneaga, I. Bancuta, 2009, Comparative studies on heavy metal content of soils using AAS and EDXRF atomic spectrometric techniques, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009, No.2, ISSN 2067 - 2071, p. 51-54.
40. Antoaneta Ene, Alina Boșneagă, Lucian Georgescu, Vlad Gogoncea, 2009, XRF analysis of soils from Lower Prut Meadow, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009, No.2, ISSN 2067 - 2071, p. 55-58.
41. A. Gheboianu, C. Stih, I.V. Popescu, A. Ene, I. Bancuta, Gh.V. Cimpoca, I. Dulama, 2009, Quality studies of Potop and Potocel rivers from Dambovit County area by AAS and TDS measurements, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009, No.2, ISSN 2067 - 2071, p. 59-62.
42. Elena Zubcov, Natalia Zubcov, Antoaneta Ene, Lucia Biletschi, Copper and zinc in fish from Prut River, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009, No.2, ISSN 2067 - 2071, p. 63-67.
43. Elena Zubcov, Laurentia Ungureanu, Antoaneta Ene, Nina Bagrin, Natalia Borodin, Influence of nutrients substances on phytoplankton from Prut River, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009, No.2, ISSN 2067 - 2071, p. 68-72.
44. A. Ene, A. Pantelica, Atomic and nuclear methods of steel microelemental analysis, Annals of the University Dunarea de Jos of Galati, Fascicle II - CD-ROM, Year III(XXXII) 2009, ISSN 2066 - 7124, p 226-229.
45. L. Ivanescu, A. Ene, Fuel economy by using oxygen-enriched air at burning, Annals of the University Dunarea de Jos of Galati, Fascicle II - CD-ROM, Year III(XXXII) 2009, ISSN 2066 - 7124, p 375-380.
46. Apostolos Papadopoulos, Antoaneta Ene, Thomas Spanos, Predicting the microbial degradability of simple mixtures of PAHs in soils using the HPCD extraction method, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009, ISSN 2067 - 2071, p. 142-154.
47. A. Pantelica, A. Ene, Radioactivity of metallurgical slag by low-background gamma-ray spectrometry, Annals of the University Dunarea de Jos of Galati, Fascicle II - CD-ROM, Year III(XXXII) 2009, ISSN 2066 - 7124, p 508-511
48. A. Ene, Prompt nuclear analysis of steels, Annals of the University Dunarea de Jos of Galati, Fascicle II - CD-ROM, Year III(XXXII) 2009, ISSN 2066 - 7124, p 490-498.

Papers published as abstract in volumes of international conferences

1. Popescu, I., Badica, T., Popa, G., Besliu, C., Olariu, A., Ene, A., 1994, PIXE-PIGE analysis of steel samples, National Physics Conference - Paper Abstracts, Sibiu, September 21-24, p.13.
2. Ene, A., Popescu, I.V., Badica, T., Olariu, A., 2002, Coincidence method for the analysis of minor elements in steel by proton- and deuteron-induced prompt gamma-ray emission, 3rd International Workshop of Applied Physics, June 26-28, Targoviste, Romania, P15 (Poster).
3. Popescu, I.V., Badica, T., Ene, A., Olariu, A., Besliu, C., 2003, High sensitivity analysis method of trace elements in steel by charged particles induced prompt g-ray spectrometry (PIGE), 4th International Balkan Workshop of Applied Physics, September 25-27, Constanta, Romania, Abstracts, S3 L01 (Lecture), p. 99.
4. Ene, A., Nat, A., Lupu, R., Popescu, I.V., 2003, Determination of gold in auriferous alluvial sands and rocks by 14 MeV neutron activation analysis, 4th International Balkan Workshop of Applied Physics, September 25-27, Constanta, Romania, Abstracts, S3 P15 (Poster), p. 81.
5. Ene, A., Popescu, I.V., Badica, T., 2004, Determination of manganese in steels using proton-induced nuclear reactions, 5th International Balkan Workshop on Applied Physics, Section 3 - atomic and nuclear physics with applications (Poster session), S3P10, p.108, July 5-7, Ovidius University, Constanta, Romania
6. Ene, A., Popescu, I.V., Badica, T., 2004, Multielemental analysis of steels via atomic and nuclear methods, 5th International Balkan Workshop on Applied Physics, Section 3 - atomic and nuclear physics with applications (Poster session), S3P11, p.108-109, July 5-7, Ovidius University, Constanta, Romania

7. Ene, A., Popescu, I.V., Badica, T., 2005, Determination of carbon in steels using particle-induced prompt gamma rays spectrometry, 6th International Balkan Workshop on Applied Physics, Section 3 – atomic and nuclear physics with applications (Poster session), S3P01, p. 116, July 5-7, Ovidius University, Constanta, Romania
8. Ene, A., Badica, T., Popescu, I.V., 2005, Combined PIXE-NAA methods for the determination of minor elements in steel samples, 6th International Balkan Workshop on Applied Physics, Section 3 – atomic and nuclear physics with applications (Poster session), S3P02, p.116-117, July 5-7, Ovidius University, Constanta, Romania.
9. Bancuta (Gheboianu), A., Popescu, I.V., Frontasyeva, M., Stih, C., Culicov, O., Busuioac, G., Cimpoca, V., Constantinescu, O., Gugiu, M., Ene, A., 2006, INAA and PIXE methods applied to environmental biomonitoring, 7th International Balkan Workshop on Applied Physics, July 5-7, Ovidius University, Constanta, Romania, Section 3 – atomic and nuclear physics with applications (Invited lecture – 5 July, Hall E8, hour 12.30-13.00), S3L03, Book of Abstracts, Ovidius University Press, ISBN 973-614-313-7 si ISBN 978-973-614-314-4, p.126.
10. Ene, A., Popescu, I.V., Badica, T., 2006, A method for the enhancement of the sensitivity of PIGE analysis of complex matrices, 7th International Balkan Workshop on Applied Physics, July 5-7, Ovidius University, Constanta, Romania, Section 3 – atomic and nuclear physics with applications (Poster session), S3P12, Book of Abstracts, Ovidius University Press, ISBN 973-614-313-7 si ISBN 978-973-614-314-4, p.132-133.
11. Popescu, I.V., Ene, A., Stih, C., Bancuta, A., Dima, G., Badica, T., Ghisa, V., 2006, Analytical applications of particle-induced X-ray emission (PIXE), BPU-6, 6th International Conference of the Balkan Physics Union, 22-26 August, Istanbul University, Istanbul, Turkey, Section 1 – Nuclear Physics and Nuclear Energy (Poster), Abstract I-P-036, p. 580.
12. Ene, A., Popescu, I.V., Badica, T., 2006, Multi-elemental analysis of steel by combined nuclear techniques, BPU-6, 6th International Conference of the Balkan Physics Union, 22-26 August, Istanbul University, Istanbul, Turkey, Section 1 – Nuclear Physics and Nuclear Energy (Poster), Abstract I-P-037, p. 581.
13. Popescu, I.V., Ene, A., Stih, C., Bancuta, A., Dima, G., Badica, T., Ghisa, V., 2006, Analytical applications of particle-induced X-ray emission (PIXE), BPU-6, 6th International Conference of the Balkan Physics Union, 22-26 August, Istanbul University, Istanbul, Turkey, AIP Conference Proceedings 899, p. 538, ISBN 978-0-7354-0404-5.
14. Ene, A., Popescu, I.V., Badica, T., 2007, Multi-elemental analysis of steel by combined nuclear techniques, BPU-6, 6th International Conference of the Balkan Physics Union, 22-26 August, Istanbul University, Istanbul, Turkey, AIP Conference Proceedings 899, p. 539, ISBN 978-0-7354-0404-5.
15. Antoaneta Ene, Ion V. Popescu, Claudia Stih, Applications of proton-induced X-ray emission technique in materials and environmental science, International Conference CHIMIA-2009 – “New Trends in Applied Chemistry”, Ovidius University of Constanta, 13-16 May 2009, Poster session – Analytical and Environmental Chemistry, Paper PC25, Conference Program and Book of Abstracts, p. 159, Ovidius University Press, ISBN 978-973-614-500-1.
16. Antoaneta Ene, Ana Pantelica, Neutron activation analysis of deoxidized steels, International Conference CHIMIA-2009 – “New Trends in Applied Chemistry”, Ovidius University of Constanta, 13-16 May 2009, Poster session – Materials Science, Paper PB21, Conference Program and Book of Abstracts, p. 103, Ovidius University Press, ISBN 978-973-614-500-1.
17. Bosneaga A., Georgescu L., Ene, A., 2009, Evaluation of soils pollution with heavy metals using XRF technique, International U.A.B.-B.En.A. Workshop MANAGEMENT AND SUSTAINABLE PROTECTION OF ENVIRONMENT, Poster P93- Section Soil, Water and Air Pollution, May 6-7, Alba Iulia, Romania, Book of Abstracts, p. 99, Aeternitas Publishing House, Alba Iulia, ISBN978-973-1890-30-2.
18. Ene, A., Popescu, I.V., Stih C., Gheboianu A., 2009, PIXE analysis of multielemental samples, 10th International Balkan Workshop on Applied Physics, Section 3 – atomic and nuclear physics with applications (Poster session), S3P13, July 6-8, Ovidius University, Constanta, Romania, p. 128, Book of Abstracts, Ovidius University Press, ISBN 978-973-614-507-0.
19. Ene, A., Bosneaga A., Georgescu L., 2009, Determination of heavy metals in soils using XRF technique, 10th International Balkan Workshop on Applied Physics, Section 3 – atomic and nuclear physics with applications (Poster session), S3P12, July 6-8, Ovidius University, Constanta, Romania, p. 127-128, Ovidius University Press, ISBN 978-973-614-507-0.
20. Claudia STIHI, Cristiana RADULESCU, Gabriela BUSUIOC, Ion V. POPESCU, Anca GHEBOIANU, Antoaneta ENE, Studies on accumulation of heavy metals from substrate to edible wild mushrooms, Section 4 – Biophysics, environmental physics (Lecture), S4OP06, July 6-8, Ovidius University, Constanta, Romania, p. 143, Ovidius University Press, ISBN 978-973-614-507-0.
21. Antoaneta Ene, Claudia Stih, I.V. Popescu, Anca Gheboianu, Alina Bosneaga, I. Bancuta, 2009, Comparative studies on heavy metal content of soils using AAS and EDXRF atomic spectrometric techniques, 1st International Symposium on Applied Physics – Materials Science, Environment and Health, Section 2 – Physical-Chemical methods of analysis and control (Poster session), S2P3, November 28-29, Dunarea de Jos University of Galati, Galati, Romania, Symposium Program, p. 11.
22. I.V. Popescu, M.Frontasyeva, A. Ene, C. Stih, A. Gheboianu, O. Culicova, Gh. Vlaicu, 2009, Comparative studies on heavy metal content of mosses used in environmental biomonitoring, 1st International Symposium on Applied Physics – Materials Science, Environment and Health, Section 3 – Environment Protection (Oral session), S3O5, 28-29 November, Dunarea de Jos University of Galati, Galati, Romania, Symposium Program, p. 15.
23. Antoaneta Ene, Alina Bosneaga, Lucian Georgescu, Alina Cantaragiu, Vlad Gogoncea, 2009, SEM-XRF analysis of soils from Lower Prut Meadow, 1st International Symposium on Applied Physics – Materials Science, Environment and Health, Section 3 – Environment Protection (Poster session), S3P23, November 28-29, Dunarea de Jos University of Galati, Galati, Romania, Symposium Program, p. 18.
24. A. Gheboianu, C. Stih, I.V. Popescu, A. Ene, I. Bancuta, Gh.V. Cimpoca, I. Dulama, 2009, Quality studies of Ialomita and Potop rivers from Dambovit County area by AAS and TDS measurements, 1st International Symposium on Applied Physics – Materials Science, Environment and Health, Section 3 – Environment Protection (Poster session), S3P19, November 28-29, Dunarea de Jos University of Galati, Galati, Romania, Symposium Program, p. 18.
25. Elena Zubcov, Natalia Zubcov, Antoaneta Ene, Lucia Biletschi, Copper and Zinc in fish from Prut River, 1st International Symposium on Applied Physics – Materials Science, Environment and Health, Section 3 – Environment Protection (Poster session), S3P1, November 28-29th, 2009, Dunarea de Jos University of Galati, Galati, Romania, Symposium Program, p. 16.
26. Elena Zubcov, Laurentia Ungureanu, Antoaneta Ene, Nina Bagrin, Natalia Borodin, Influence of nutrients substances on phytoplankton from Prut River, 1st International Symposium on Applied Physics – Materials Science, Environment and Health, Plenary Lecture L2 (Laurentia Ungureanu-keynote speaker) & Section 3 – Environment Protection (Poster session), S3P22, November 28-29th, 2009, Dunarea de Jos University of Galati, Galati, Romania, Symposium Program, p. 18.
27. Ana Pantelica, Antoaneta Ene, Radioactivity of metallurgical slag by low-background gamma-ray spectrometry, 1st International Symposium on Applied Physics – Materials Science, Environment and Health, Section 3 – Environment Protection (Oral session), S3. O6., November 28-29, Dunarea de Jos University of Galati, Galati, Romania, Symposium Program, p. 15.
28. Lilica Ivănescu, Antoaneta Ene, Alexandru Ivănescu, Efficiency of energetic valorization of secondary products resulted from steelmaking in LD converter, 1st International Symposium on Applied Physics – Materials Science, Environment and Health, Section 1, S1.O8. November 28-29, Dunarea de Jos University of Galati, Galati, Romania, Symposium Program, p. 6.
29. Lilica Ivănescu, Antoaneta Ene, Alexandru Ivănescu, Fuel economy by using oxygen-enriched air at burning, 1st International Symposium on Applied Physics – Materials Science, Environment and Health, Section 1, S1.O9. November 28-29, Dunarea de Jos University of Galati, Galati, Romania, Symposium Program, p. 6.
30. A. Ene, I.V. Popescu, C. Stih, A. Pantelica, A. Gheboianu, T. Badica, Atomic and nuclear methods of steel microelemental analysis, 1st International Symposium on Applied Physics – Materials Science, Environment and Health, Section 1, S1.O9. November 28-29, Dunarea de Jos University of Galati, Galati, Romania, Symposium Program, p. 7.
31. Gheboianu A., Popescu I. V., Frontasyeva M.V., Stih C., Culicov O., Ene A., Comparison of FAAS and INAA in determining iron, zinc and manganese in mosses, 18th INTERNATIONAL SEMINAR on Interaction of Neutrons with Nuclei: "Fundamental Interactions & Neutrons, Nuclear Structure, Ultracold Neutrons, Related Topics" ISINN-18, Dubna, Russia, May 26-29, 2010, Oral presentation, 29.05., Hours 12-12.30, Section Nuclear Analytical Methods in the Life Sciences, <http://isinn.jinr.ru/18/prog.html>; Abstracts of the Seminar, ISBN 978-5-9530-0247-9, p. 26.
32. Ene A., Stih C., Popescu I.V., Bosneaga A., Radulescu, C., Gheboianu A., XRF-AAS analysis of heavy metals in soils around of a ferrous metallurgical plant in Eastern part of Romania, 18th INTERNATIONAL SEMINAR on Interaction of Neutrons with Nuclei: "Fundamental Interactions & Neutrons, Nuclear Structure, Ultracold Neutrons, Related Topics" ISINN-18, Dubna, Russia, May 26-29, 2010, Poster presentation, 28.05., <http://isinn.jinr.ru/18/prog.html>; Abstracts of the Seminar, ISBN 978-5-9530-0247-9, p. 23; Proceedings of the seminar, p. 360-366, JINR 2011, ISBN 978-5-9530-0277-6.
33. Antoaneta Ene, Alina Bosneaga, Lucian Georgescu, Assessment of the contamination level of soil in Galati region of Lower Prut River, International workshop on fishery and aquaculture - A view point upon the sustainable management of the water resources in the Balkan area, Galati, Romania, May 26-28th, 2010, Book of Abstracts, Galati University Press, p. 177.
34. Stih C., Ene A., Popescu I.V., Radulescu C., Gheboianu A., Florescu M., Bosneaga A., Assessments of heavy metals distribution in soils using EDXRF and FAAS techniques, Book of Abstracts, First International Conference Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences, IC-ANMBES

- 2010, Transilvania University of Brasov, June 18-20, 2010, Transilvania University press, Oral communications Analytical and Nanoanalytical Methods for Environmental Protection OE3, ISBN 978-973-598-722-0, p. 44, <http://biofiz.unitbv.ro/icanmbes2010/Abstract%20book%20IC-ANMBES%202010.pdf>
35. Ene, A., Pantelica A., Bosneaga A., 2010, INAA-EDXRF analysis of soils in the vicinity of a metallurgical plant, 11th International Balkan Workshop on Applied Physics, Section 3 – atomic and nuclear physics with applications (Poster session), S3P11, July 7-9, 2010, Ovidius University, Constanta, Romania, Book of abstracts, Ovidius University Press, Constanta, 2010, p. 98, ISBN 978-973-614-554-4, <http://ibwap2010.univ-ovidius.ro/home.htm>
36. Ene, A., Pantelica A., Characterization of metallurgical slags using low-level gamma-ray spectrometry and neutron activation analysis, 11th International Balkan Workshop on Applied Physics, Section 3 – atomic and nuclear physics with applications (Poster session), S3P10, July 7-9, 2010, Ovidius University, Constanta, Romania, Book of abstracts, Ovidius University Press, Constanta, 2010, pp. 97-98, ISBN 978-973-614-554-4, <http://ibwap2010.univ-ovidius.ro/home.htm>
37. Claudia Stihl, Antoaneta Ene, Ion V. Popescu, Cristiana Radulescu, Busuioc Gabriela, A. Gheboianu, A. Bosneaga, Assessments of Heavy Metals Distribution in Soil Using EDXRF and FAAS Techniques, *SEGH 2010- International Conference and Workshops of the Society for Environmental Geochemistry and Health on Environmental Quality and Human Health*, Galway, Ireland, June 27- July 2, 2010, abstract book p. 132, <http://www.nuigalway.ie/segh2010/>
38. Antoaneta Ene, Alina Bosneaga, Inter-element relationships for soils around a ferrous metallurgical plant, *A DOUA CONFERINȚĂ NAȚIONALĂ DE "ȘTIINȚE APLICATE ÎN STUDIUL MEDIULUI ÎNCONJURĂTOR ȘI MATERIALELOR" CU PARTICIPARE INTERNAȚIONALĂ*, TÂRGOVIȘTE, 28-30 aprilie 2010, Poster SA P002, Abstract Book p.28.
39. Antoaneta Ene, Ion V. Popescu, Claudia Stihl, Anca Gheboianu, Cristiana Radulescu, Nicolae Tigau, Steluta Gosav, Assessment of river water quality in Central and Eastern parts of Romania using atomic and optical methods, Poster SA P003, *A DOUA CONFERINȚĂ NAȚIONALĂ DE "ȘTIINȚE APLICATE ÎN STUDIUL MEDIULUI ÎNCONJURĂTOR ȘI MATERIALELOR" CU PARTICIPARE INTERNAȚIONALĂ*, TÂRGOVIȘTE, 28-30 aprilie 2010, Abstract Book p.29.
40. A. Pantelica, M. Gugiu, C. Ciorte, A. Ene, A. Enulescu, D. Dumitriu, D. Fluerasu, PIXE analysis of environmental samples using Si(Li) and HPGe detectors, *A DOUA CONFERINȚĂ NAȚIONALĂ DE "ȘTIINȚE APLICATE ÎN STUDIUL MEDIULUI ÎNCONJURĂTOR ȘI MATERIALELOR" CU PARTICIPARE INTERNAȚIONALĂ*, TÂRGOVIȘTE, 28-30 aprilie 2010, Prezentare orală, secțiunea Științe Aplicate.
41. Ana Pantelica, Antoaneta Ene, Marius Gugiu, Constantin Ciorte, Olimpiu Constantinescu, PIXE analysis of some vegetable species, *CNF 2010, Conferința Națională de Fizică* - Iași 23-25 septembrie 2010, Sect. Fizică atomică și moleculară, Invited lecture, FAM 11.
42. Zubcov Natalia, Elena Zubcov, Lucia Bilechi, Antoaneta Ene, The accumulation and the influence of trace elements on growth an development of fish during early ontogenesis, International Conference of Zoologists „Actual problems of protection and sustainable use of animal world diversity”, (dedicated to the 50th anniversary from the foundation of Institute of Zoology of ASM), Institute of Zoology of the Academy of Sciences of Moldova, Chisinau, 12-14 October 2011, Program p.7, Section 3-Water Ecology; Oral presentation, 13 October 2011 (14h00-17h00), Institute of Zoology-room 321; Proceedings of the Conference, ISBN 978-9975-4248-2-0, p. 200-201. <http://www.eco-tiras.org/books/Zool-conf-2011-Proc-Chisinau.pdf>
43. Ene A., A review of moss biomonitoring in Romania, 24th Task Force Meeting of ICP Vegetation, Rapperswil, Switzerland, 31 Jan. - 2 Feb. 2011, Program and Abstracts, Poster p.44. <http://icpvegetation.ceh.ac.uk/events/documents/Ene.pdf> <http://icpvegetation.ceh.ac.uk/events/documents/Bookofabstracts.pdf>
44. Antoaneta Ene, Alina Sion (Bosneaga), Comparative study of high precision spectrometric techniques used for the assessment of trace elements in soils, International Conference of Young Researchers „NEW TRENDS IN ENVIRONMENTAL AND MATERIALS ENGINEERING” (TEME), 18-20 May 2011, Galati, Romania, Poster P16, <http://www.teme.ugal.ro/>
45. Antoaneta Ene, Oleg Bogdevich, Alina Sion (Bosneaga), GC-MS analysis of selected PAHs in soils from Galati region, eastern part of Romania, International Conference of Young Researchers „NEW TRENDS IN ENVIRONMENTAL AND MATERIALS ENGINEERING” (TEME), 18-20 May 2011, Galati, Romania, Poster P15, <http://www.teme.ugal.ro/>
46. Popescu I.V., Ene A., Cucu-Man S., Todoran R., Frontasyeva M., Culicov O., Stihl C., Gheboianu A., Moss biomonitoring in Romania in the frame of JINR-Romania collaboration, 19th International Seminar on Interaction of Neutrons with Nuclei ISINN-19, Joint Institute for Nuclear Research, Dubna, Russia, 25-28 May, 2011, Invited paper, Abstract Book p. 54 <http://isinn.jinr.ru/19/program.pdf>
47. Pantelica A., Culicov O.A., Frontasyeva M.V., Ene A., Ciorte C., Gugiu M., INAA and PIXE comparison on some vegetable species (cabbage, tomato, pepper and parsnip), 19th International Seminar on Interaction of Neutrons with Nuclei ISINN-19, Joint Institute for Nuclear Research, Dubna, Russia, 25-28 May, 2011, Abstract Book p. 51, <http://isinn.jinr.ru/19/program.pdf>
48. Sion (Bosneaga) A., Ene A., Georgescu L., Heavy Metals in Soils near an Industrial Plant in Galati, Romania: Implications for the Population Health Risk, The 3rd Joint Seminar JINR-Romania on Neutron Physics for Investigations Of Nuclei, Condensed Matter and Life Sciences, Targoviste, Romania, 24-30 July 2011, Poster paper P06 Book of Abstracts p. 64, http://www.icstm.ro/sites/default/files/JSJR3_Book_of_abstracts.pdf
49. Ene A., Analytical applications of thermal and 14 MeV neutron activation analysis in metallurgical industry, Invited Paper L8, The 3rd Joint Seminar JINR-Romania on Neutron Physics for Investigations of Nuclei, Condensed Matter and Life Sciences, Targoviste, Romania, 24-30 July 2011, Book of Abstracts p. 34-35, ISBN 978-973-712-612-2, http://www.icstm.ro/sites/default/files/JSJR3_Book_of_abstracts.pdf
50. Antoaneta Ene, Ana Pantelica, Marius Gugiu, Catalin Ionut Calinescu, Daniela Fluerasu, Elemental contents in Danube River water in Galati region determined by PIXE, 12th International Balkan Workshop on Applied Physics (12 IBWAP), July 06-08, 2011, Constanta, Romania, lucrare orală (OP2, S3), Abstract Book p.92, <http://www.univ-ovidius.ro/ibwap2011/home.htm>
51. A. Pantelica, A. Ene, Determination of elemental concentration in river and drinking water samples from central and southern part of Romania by PIXE, 4th European Conference on Chemistry for Life Sciences (4ECCLS), August 31-September 3, Eötvös University in Budapest, Hungary, Poster P144, Abstract Book p. 286, <http://www.4eccls.mke.org.hu/scientific-programme>
52. Ene A., (Bosneaga) Sion A., Determination of Microelemental Content of Metallurgical Materials Using Atomic and Nuclear Microanalytical Techniques, International Workshop Research Quality in Doctoral School, Increased Industrial and International Visibility, 13-14 July 2011, Galati, Poster P24, http://www.phd-expert.ugal.ro/SiteWorkshop2011/new_page_4.htm
53. Ene A., (Bosneaga) Sion A., Georgescu L., Bogdevich O., Monitoring Techniques For Inorganic And Organic Pollutants In Soils Around An Integrated Iron And Steel Plant, International Workshop Research Quality in Doctoral School, Increased Industrial and International Visibility, 13-14 July 2011, Galati, Poster P25, http://www.phd-expert.ugal.ro/SiteWorkshop2011/new_page_4.htm
54. Ene A., (Bosneaga) Sion A., Atomic and nuclear microanalytical techniques for the investigation of iron and steel materials, International Workshop Research Quality in Doctoral School, Increased Industrial and International Visibility, 13-14 July 2011, Galati, Invited Lecture, 13 July 2011, 15h00-15h20, Conference hall of Hotel Galati, 9th Floor, http://www.phd-expert.ugal.ro/SiteWorkshop2011/new_page_4.htm
55. Lidia Benea, Maria Vlad, Antoaneta ENE, *Analysis of the Doctoral School at "Dunarea de Jos" University of Galati involved in PhD EXPERT project*, International Workshop Research Quality in Doctoral School, Increased Industrial and International Visibility, 13-14 July 2011, Galati, Invited Lecture, 13 July 2011, 11h40 - 12h10, Conference hall of Hotel Galati, 9th Floor, http://www.phd-expert.ugal.ro/SiteWorkshop2011/new_page_4.htm
56. Ene A., Frontasyeva M., Sion A., Combined XRF-NAA techniques for the quantification of trace elements in soils, 20th INTERNATIONAL SEMINAR on Interaction of Neutrons with Nuclei, dedicated to the memory of Ilia M. Frank and Fedor L. Shapiro, the founders of the laboratory of Neutron Physics. "Fundamental Interactions & Neutrons, Nuclear Structure, Ultracold Neutrons, Related Topics" ISINN-20, Alushta, Ukraine, May 21-26, 2012, Poster presentation (P100), 24.05., Abstracts of the Seminar, Dubna, JINR, 2012, ISBN 978-5-9530-0321-6, p. 36. <http://isinn.jinr.ru/>
57. Ene A., Pantelica A., Frontasyeva M., Cantaragiu A., Nuclear and imaging techniques used in material sciences, 20th INTERNATIONAL SEMINAR on Interaction of Neutrons with Nuclei, dedicated to the memory of Ilia M. Frank and Fedor L. Shapiro, the founders of the laboratory of Neutron Physics. "Fundamental Interactions & Neutrons, Nuclear Structure, Ultracold Neutrons, Related Topics" ISINN-20, Alushta, Ukraine, May 21-26, 2012, Poster presentation (P101), 24.05., Abstracts of the Seminar, Dubna, JINR, 2012, ISBN 978-5-9530-0321-6, p. 100. <http://isinn.jinr.ru/>
58. Ene A., Popescu I.V., Pantelica A., Moraru L., Analytical Applications of Instrumental Neutron Activation Analysis Technique in Industry, The 8th General Conference of Balkan Physical Union, 8th BPU8, 5 – 7 July 2012, Constanta, Romania; Section Nuclear Physics, Poster S1_P12, Book of Abstracts, p. 46-47, ISBN 978-606-598-181-2.
59. Pantelica A., Culicov O.A., Frontasyeva M. V., Ene A., Badita C.R., Elemental concentrations in root vegetables and host soil determined by Instrumental Neutron Activation Analysis (INAA), The 8th General Conference of Balkan Physical Union, 8th BPU8, 5 – 7 July 2012, Constanta, Romania; Section Nuclear Physics, Poster S1_P05, Book of Abstracts, p. 41-42, ISBN 978-606-598-181-2.
60. Popescu I.V., C. Stihl, C. Radulescu, Gh.V.Cimpoca, A. Gheboianu, C. Oros, A. Ene, I.Bancuta, G. State, I. Dulama, Atomic and nuclear methods applied to the study of heavy metal pollution, The 8th General Conference of Balkan Physical Union, 8th BPU8, 5 – 7 July 2012, Constanta, Romania; Invited Lecture I29, 6 July 2012, Hall E7-Ovidius University of Constanta, (hours 11:00-13:30; third presentation 12:00-12:30), Book of Abstracts, p. 27, ISBN 978-606-598-181-2.

61. Moraru L., Moldovanu S., Ene A., Enhancing performance of image segmentation through feature extraction, The 8th General Conference of Balkan Physical Union, 8th BPU8, 5 – 7 July 2012, Constanta, Romania, Section Applied Physics, Poster S8_P24, Book of Abstracts, p. 143, ISBN 978-606-598-181-2.
62. Ene A., Pantelica A., Frontasyeva M., Sion A., Nuclear analytical techniques for the determination of trace elements in soils, 1st International Conference on Analytical Chemistry RO - ICAC/2012-Analytical Chemistry for a Better Life, 18-21 September 2012, Targoviste, Romania, Poster S4_P03, Book of Abstracts, Bibliotheca Publishing House, Targoviste, 2012, ISBN 978-973-712-705-1, pages 168-169. <http://www.icstm.ro/ICAC2012>
63. Ene A., Pantelica A., Popescu I. V., Cantaragiu A., Non-destructive nuclear and related analytical techniques for the determination of trace elemental composition of industrial materials, 1st International Conference on Analytical Chemistry RO - ICAC/2012-Analytical Chemistry for a Better Life, 18-21 September 2012, Targoviste, Romania, Poster S4_P02, Book of Abstracts, Bibliotheca Publishing House, Targoviste, 2012, ISBN 978-973-712-705-1, pages 166-167. <http://www.icstm.ro/ICAC2012>
64. Pantelica A., Frontasyeva M., Ene A., Ciorte C., Gugi M., Ghita D., Elemental concentrations in tree leaves as trace element bioaccumulators in air pollution preventing determined by PIXE technique, Oral presentation at 1st International Conference on Analytical Chemistry RO - ICAC/2012-Analytical Chemistry for a Better Life, 18-21 September 2012, Targoviste, Romania, Book of Abstracts, Bibliotheca Publishing House, Targoviste, 2012, ISBN 978-973-712-705-1, pages 100-101. <http://www.icstm.ro/ICAC2012>
65. Antoaneta Ene, Constantin Gheorghies, Marina V. Frontasyeva, X-ray based techniques used in materials analysis and control, The 17th International conference NEW TECHNOLOGIES AND PRODUCTS IN MACHINE MANUFACTURING TECHNOLOGIES - Tehnomus XVII, 17-18 mai 2013, Suceava, Romania, Tehnomus Journal, p. 193-196. <http://www.tehnomus.usv.ro/>
66. Antoaneta Ene, Marina V. Frontasyeva, Applications of neutron activation analysis technique in element determination at trace level, The 17th International conference NEW TECHNOLOGIES AND PRODUCTS IN MACHINE MANUFACTURING TECHNOLOGIES - Tehnomus XVII, 17-18 mai 2013, Suceava, Romania, Tehnomus Journal, p. 165-171. <http://www.tehnomus.usv.ro/>
67. Ene Antoaneta, Frontasyeva M.V., Popescu I.V., Stih C., Ene Andreea, Drasovean R., Chelarescu E.D., Applications of INAA and X-ray based techniques for trace element analysis in materials and environmental sciences, 21st International Seminar on Interaction of Neutrons with Nuclei: Fundamental Interactions & Neutrons, Nuclear Structure, Ultracold Neutrons, Related Topics (ISINN-21), section "Nuclear and related analytical techniques in the environmental and material sciences", Alushta, Ukraine, May 20-25, 2013, Abstracts of the Seminar, Dubna JINR, 2013, p.31, ISBN 978-5-9530-0357-5 <http://isinn.jinr.ru/new-isinn/new-page.html>
68. Ene A., Frontasyeva V.M., Strelkova L.P., Pavlov S.S., Occurrence of heavy metals and other trace elements in industrially contaminated soils studied by neutron activation analysis, 21st International Seminar on Interaction of Neutrons with Nuclei: Fundamental Interactions & Neutrons, Nuclear Structure, Ultracold Neutrons, Related Topics (ISINN-21), section "Nuclear and related analytical techniques in the environmental and material sciences", Alushta, Ukraine, May 20-25, 2013, Abstracts of the Seminar, Dubna JINR, 2013, p.32, ISBN 978-5-9530-0357-5 <http://isinn.jinr.ru/new-isinn/new-page.html>
69. Popescu V. I., Frontasyeva M., Stih C., Ene A., Cucu-Man S., Todoran R., Culicov O., Zinicovscaia I., My Trinh, Pavlov S.S., Radulescu C., Chilian A., Gheboianu A., Bancuta R., Cimpoca Gh. V., Bancuta I., Dulama I., Toma L.G., Bucurica A., Dima G., Chelarescu E.D., Drasovean R., Sion A., Condurache-Bota S., Buhaceanu R., Tarcau D., Todoran D., Moss biomonitoring of air quality in Romania, 21st International Seminar on Interaction of Neutrons with Nuclei: Fundamental Interactions & Neutrons, Nuclear Structure, Ultracold Neutrons, Related Topics (ISINN-21), section "Nuclear and related analytical techniques in the environmental and material sciences", Alushta, Ukraine, May 20-25, 2013, Abstracts of the Seminar, Dubna JINR, 2013, p.67, ISBN 978-5-9530-0357-5 <http://isinn.jinr.ru/new-isinn/new-page.html>
70. Antoaneta Ene, Marina V. Frontasyeva, Neutron activation analysis for characterization of metallurgical and environmental materials, 25th International Nuclear Physics Conference INPC2013: 2-7 June 2013, Firenze, Italy, , Book of Abstracts, paper AP_013. <http://www.inpc2013.it/>
71. Popescu V. I., Frontasyeva M., Stih C., Ene A., Cucu-Man S., Todoran R., Culicov O., Zinicovscaia I., My Trinh, Pavlov S.S., Radulescu C., Chilian A., Gheboianu A., Bancuta R., Cimpoca Gh. V., Bancuta I., Dulama I., Toma L.G., Bucurica A., Dima G., Chelarescu E.D., Drasovean R., Sion A., Condurache-Bota S., Buhaceanu R., Tarcau D., Todoran D., Moss biomonitoring of air quality in Romania, 13th International Balkan Workshop on Applied Physics (IBWAP 2013), Constanta, Romania, 4-6 July 2013, S5_P9, Section 5-Engineering and Industrial Physics, Book of Abstracts, p.129. <http://www.ibwap.ro/2013/uploads/letter/IBWAP2013.pdf>
72. Antoaneta Ene, Constantin Gheorghies, Oleg Ignatenko, Marina V. Frontasyeva, X-ray techniques for materials characterization, 13th International Balkan Workshop on Applied Physics (IBWAP 2013), Constanta, Romania, 4-6 July 2013, Poster S5_P08, Section 5-Engineering and Industrial Physics, Book of Abstracts, pp. 128-129. <http://www.ibwap.ro/2013/uploads/letter/IBWAP2013.pdf>
73. Antoaneta Ene, Analytical applications of neutron activation analysis in industrial engineering, 13th International Balkan Workshop on Applied Physics (IBWAP 2013), Constanta, Romania, 4-6 July 2013, Invited lecture S5_L11, Section 5-Engineering and Industrial Physics, Book of Abstracts, p. 121. http://www.ibwap.ro/2013/uploads/letter/program_IBWAP-2013-07-03.pdf, <http://www.ibwap.ro/2013/uploads/letter/IBWAP2013.pdf>
74. Antoaneta Ene, Viorel Munteanu, RADIOACTIVITY LEVELS OF ATMOSPHERIC AEROSOLS IN GALATI TOWN, EASTERN ROMANIA, 13th International Balkan Workshop on Applied Physics (IBWAP 2013), Constanta, Romania, 4-6 July 2013, Poster S5_P12, Section 5-Engineering and Industrial Physics, Book of Abstracts, pp. 131. <http://www.ibwap.ro/2013/uploads/letter/IBWAP2013.pdf>
75. Viorel Munteanu, Antoaneta Ene, MODELING OF GASEOUS POLLUTANT DISPERSION IN THE VICINITY OF AN INTEGRATED IRON AND STEEL WORKS, 13th International Balkan Workshop on Applied Physics (IBWAP 2013), Constanta, Romania, 4-6 July 2013, Poster S5_P11, Section 5-Engineering and Industrial Physics, Book of Abstracts, pp. 130-131. http://www.ibwap.ro/2013/uploads/letter/accepted_presentations_IBWAP.pdf
76. Oleg Bogdevich, Antoaneta Ene, Oleg Cadociniov, Culighin Elena, The analysis of PAHs and POPs pollution sources in Low Danube region, 22nd International Symposium „Ecology & Safety”, Bulgaria, Sunny Beach, June 7-11, 2013. JOURNAL OF International Scientific Publications: Ecology&Safety, Volume 7, Part 2, 2013, pp 233-243. ISSN 1313-2563. <http://www.scientific-publications.net/open-access-journals/ecology-and-safety/>
77. Antoaneta Ene, Marina V. Frontasyeva, Neutron activation analysis as a tool for material and environmental research, EUROANALYSIS 2013, Warsaw, Poland, 25-29 August 2013, article ID 0324, Book of Abstracts, p.598, ISBN 978-83-7798-089-7. <http://www.euroanalysis2013.pl/>
78. C.Stih, I.V.Popescu, M. V. Frontasyeva, C. Radulescu, A. Ene, S. Cucu-Man, R.Todoran, O.Culicov, Moss biomonitoring of heavy metals atmospheric deposition in Romania, EUROANALYSIS 2013, Warsaw, Poland, 25-29 August 2013, article ID 0103, Book of Abstracts, p.201, ISBN 978-83-7798-089-7. <http://www.euroanalysis2013.pl/>
79. Alina Sion, Antoaneta Ene, Soil pollution evaluation for some pollutants in the Lower Prut meadow, Galati, Scientific Conference of Doctoral Schools from UDJ Galati (CSSD-UDJG 2013), First Edition, 16-17 May 2013, Poster 4.5, Book of Abstracts, p. 86; *Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013*, 24-27.
80. Alina Sion, Antoaneta Ene, Soil morphology and qualitative study using SEM-EDX technique, Scientific Conference of Doctoral Schools from UDJ Galati (CSSD-UDJG 2013), First Edition, 16-17 May 2013, Poster 4.4, Book of Abstracts, p. 85-86; *Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013*, 28-31.
81. Antoaneta Ene, Luminița Moraru, Emilian Dănilă, Liliana Cioară, Study of characteristic X-ray spectra induced in complex matrices by radioisotope and electron excitation, Scientific Conference of Doctoral Schools from UDJ Galati (CSSD-UDJG 2013), First Edition, 16-17 May 2013, Poster P4.1, Book of Abstracts, p. 83-84; *Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013*, 40-43.
82. Emilian Dănilă, Antoaneta Ene, Luminița Moraru, Adriana Danila, Liliana Cioară, Study of powder materials of Li-N system interpreted in terms of multifractal geometry, Scientific Conference of Doctoral Schools from UDJ Galati (CSSD-UDJG 2013), First Edition, 16-17 May 2013, Poster P4.6, Book of Abstracts, p. 86; *Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013*, 44-48.
83. Mirela Punga (Visan), Luminița Moraru, Antoaneta Ene, Emilian Dănilă, Performance of boundary detection algorithms on medical images, Scientific Conference of Doctoral Schools from UDJ Galati (CSSD-UDJG 2013), First Edition, 16-17 May 2013, Oral Presentation PO4.2, Book of Abstracts, p. 40-41; *Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013*, 12-15.
84. Emilian Dănilă, Mirela Punga (Visan), Antoaneta Ene, Luminița Moraru, Adriana Dănilă, Automatisatization of the diagnosis of portal and vascular problems of the liver, Scientific Conference of Doctoral Schools from UDJ Galati (CSSD-UDJG 2013), First Edition, 16-17 May 2013, Oral Presentation PO4.3, Book of Abstracts, p. 41; *Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013*, 49-52.
85. Emilian Dănilă, Antoaneta Ene, Luminița Moraru, Adriana Dănilă, Mirela Punga (Visan), Land use change studied by means of multifractal geometry, Scientific Conference of Doctoral Schools from UDJ Galati (CSSD-UDJG 2013), First Edition, 16-17 May 2013, Oral Presentation PO4.4, Book of Abstracts, p. 41; *Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013*, 53-60.
86. E. Zubcov, N. Zubcov, L. Biletschi, N. Bagrin, A. Ene, The Main Issues in Assessing the Accumulation of Metals in Fish Ontogenesis 6thBLACK SEA BASIN CONFERENCE ON ANALYTICAL CHEMISTRY (6BBCAC), 10-14 SEPTEMBER 2013, Karadeniz Technical University, TRABZON, TURKEY, Poster P117, Book of Abstract, p. 192, <http://www.6bbcac.org/>

87. Antoaneta ENE, Viorel MUNTEANU , Assessment of water quality in Lower Danube region, 8th International Conference of Zoologists "Actual Problems of Protection and Sustainable Use of Animal World Diversity", Institute of Zoology, Academy of Sciences of Moldova, Chisinau, Republic of Moldova, 10-12 October 2013, Oral Presentation (I2, Room 321, 1 Academiei St., hours 14:00-17:00), Section 3-Water Ecosystems: Methodology of Investigation, Monitoring, Evaluation of Threats, and Assessment of Risks, Program p. 8, Book of Abstract, Academy of Sciences of Moldova, 2013, p.210-211, ISBN 978-9975-66-361-8, <http://www.zoology.asm.md/page-32-0-ro.htm>, <http://zoology.asm.md/uploads/File/Conferinta%20Internationale%20a%20Zoologilor%202013/Materiale%20conf.pdf>
88. Oleg Ignatenko, Antoaneta Ene, Marina Frontasyeva, Characterization of lithium nitride powder materials by combined analytical and imaging techniques, International Conference "Danube - Black Sea 3E – Energy, Environment & Efficiency Interdisciplinary Researches in the Danube and Black Sea Areas", 18-21 September 2013, Galati, Book of Abstracts, S1-11, p.34, ISBN 978-606-8348-82-7, http://www.iweee.ugal.ro/documente/Program_final.pdf
89. Antoaneta Ene, Thomas Spanos, Environmetrics as a tool to evaluate soil organic pollutants analysis data, International Conference "Danube - Black Sea 3E – Energy, Environment & Efficiency Interdisciplinary Researches in the Danube and Black Sea Areas", 18-21 September 2013, Galati, Book of Abstracts, S2-03, p.41, ISBN 978-606-8348-82-7, http://www.iweee.ugal.ro/documente/Program_final.pdf
90. Thomas Spanos, Antoaneta Ene, STUDY OF SEASONAL VARIATIONS OF TOXIC ELEMENTS CONTENT IN SEWAGE SLUDGE FROM WASTEWATER TREATMENT PLANTS, International Conference "Danube - Black Sea 3E – Energy, Environment & Efficiency Interdisciplinary Researches in the Danube and Black Sea Areas", 18-21 September 2013, Galati, Book of Abstracts, S2-26, p.65, ISBN 978-606-8348-82-7,
91. Lucian P. Georgescu, Viorel Munteanu, Antoaneta Ene, Dan Mihai Georgescu, MANAGEMENT DECISION SUPPORT SYSTEM WITH AUTOMATIC WATER QUALITY MONITORING IN DANUBE RIVER GALATI, International Conference "Danube - Black Sea 3E – Energy, Environment & Efficiency Interdisciplinary Researches in the Danube and Black Sea Areas", 18-21 September 2013, Galati, Book of Abstracts, S3-21, p.89, http://www.iweee.ugal.ro/documente/Program_final.pdf
92. Lucian P. Georgescu, Viorel Munteanu, Antoaneta Ene, CONTINUOUS MONITORING SYSTEM FOR ENVIRONMENTAL POLLUTION IN DANUBE RIVER GALATI, The Second International Conference "NEW TRENDS IN ENVIRONMENTAL AND MATERIALS ENGINEERING, 28 -30 October 2013, Galati, Romania, Poster Paper P.45, <http://www.fimm.ugal.ro/teme/>
93. I. Popescu,, C. Stih, A. Ene, S. Cucu-Man, R. Todoran, C. Radulescu I.D. Dulama, A. Chilian, M.V. Frontasyeva, O. Culicov, I. Zinicovscaia, My Trinh, S.F. Gundorina, S.S. Pavlov, Atmospheric deposition of major and trace elements in Romania studied by NAA and AAS: moss survey 2010/2011, ICP Vegetation Task Force Meeting, 28-30 January, 2014, Paris, France, Programme and Abstracts p.70. <http://icpvegetation.ceh.ac.uk/publications/documents/Bookofabstracts2014.pdf>
94. Daniela Rusu, Alina Cantaragiu, Constantin Gheorghies, Antoaneta Ene, Nistor Nicusor, Synthesis and characterization of some magnetic nano-wires by using anodized alumina sheet as template, 14th International Balkan Workshop on Applied Physics (IBWAP 2014), Constanta, Romania, 2-4 July 2014, Poster S1_P05, Section 1-Materials Physics, <http://www.ibwap.ro/2014/>
95. Oleg Bogdevich, Dina Izmailova, Antoaneta Ene, Elena Culighin, Evaluation of trace metal background concentration in soil and sediments in Lower Prut wetlands, 14th International Balkan Workshop on Applied Physics (IBWAP 2014), Constanta, Romania, 2-4 July 2014, Poster S5_P01, Section 5-Engineering and Industrial Physics, <http://www.ibwap.ro/2014/>
96. Elena Zubcov, Natalia Zubcov, Antoaneta Ene, Lucia Biletschi, Trace metals in fish from freshwater ecosystems of Lower Prut natural reserve, 14th International Balkan Workshop on Applied Physics (IBWAP 2014), Constanta, Romania, 2-4 July 2014, Poster S5_P04, Section 5-Engineering and Industrial Physics, <http://www.ibwap.ro/2014/>
97. Antoaneta Ene, Marina V. Frontasyeva, Oleg Ignatenko, Constantin Gheorghies, Materials characterization using X-ray techniques, 14th International Balkan Workshop on Applied Physics (IBWAP 2014), Constanta, Romania, 2-4 July 2014, Poster S5_P09, Section 5-Engineering and Industrial Physics, <http://www.ibwap.ro/2014/>
98. Antoaneta Ene, Yuriy Denga, Elena Zubcov, Oleg Bogdevich, Gamma radiation dose rates in lower Prut and Danube region, Sustainable use and protection of animal world diversity: International Symposium dedicated to 75th anniversary of Professor Andrei Munteanu, Chisinau, 30-31 October 2014, Section: Water ecology, <http://www.zoology.asm.md/page-40-103-ro.htm>
99. Daniela Cristina Ibanescu, Adina Popescu, Ion Vasilean, Antoaneta Ene, Analysis of the functional groups of the ichthyofauna in river Prut, Sustainable use and protection of animal world diversity: International Symposium dedicated to 75th anniversary of Professor Andrei Munteanu, Chisinau, 30-31 October 2014, Section: Water ecology, <http://www.zoology.asm.md/page-40-103-ro.htm>
100. Adina Popescu, Daniela Cristina Ibanescu, Ion Vasilean, Antoaneta Ene, Preliminary aspects concerning qualitative structure of plankton from the Prut river, Sustainable use and protection of animal world diversity: International Symposium dedicated to 75th anniversary of Professor Andrei Munteanu, Chisinau, 30-31 October 2014, Section: Water ecology, <http://www.zoology.asm.md/page-40-103-ro.htm>
101. Claudia Ungureanu, George Ifrim, Mihaela Turturica, Gabriela Bahrim, Antoaneta Ene, Chemical and microbiological analysis of water quality from Lower Danube region, Sustainable use and protection of animal world diversity: International Symposium dedicated to 75th anniversary of Professor Andrei Munteanu, Chisinau, 30-31 October 2014, Section: Water ecology <http://www.zoology.asm.md/page-40-103-ro.htm>
102. Bulat Dumitru, Antoaneta Ene, Ion Toderas, Elena Zubcov, Denis Bulat, Grigore Davideanu, Unele considerații preliminare cu privire la ihtiofauna invazivă aecosistemelor Dunării Inferioare și a Prutului Inferior, Sustainable use and protection of animal world diversity: International Symposium dedicated to 75th anniversary of Professor Andrei Munteanu, Chisinau, 30-31 October 2014, Section: Water ecology <http://www.zoology.asm.md/page-40-103-ro.htm>
103. Kovalyshyna Svitlana, Denga Yuriy, Terenko Galina, Grandova Maria, Ene Antoaneta, Borodin Natalia, Shubernetski Igor, Jurinskaiia Olga, On the state of the ecosystem of the lower Danube in June 2014, Sustainable use and protection of animal world diversity: International Symposium dedicated to 75th anniversary of Professor Andrei Munteanu, Chisinau, 30-31 October 2014, Section: Water ecology, <http://www.zoology.asm.md/page-40-103-ro.htm>
104. Munjiu O., Zubcov E., Subernetkii I., Ene A., Biletschi L., Bogdevich O., Benthic macroinvertebrates of the lower Prut (2013 – 2014), Sustainable use and protection of animal world diversity: International Symposium dedicated to 75th anniversary of Professor Andrei Munteanu, Chisinau, 30-31 October 2014, Section: Water ecology, <http://www.zoology.asm.md/page-40-103-ro.htm>
105. Luminita Moraru, Simona Moldovanu, Antoaneta Ene, Fresh-water ciliated protozoa and parasites recognition by image analysis, Sustainable use and protection of animal world diversity: International Symposium dedicated to 75th anniversary of Professor Andrei Munteanu, Chisinau, 30-31 October 2014, Section: Water ecology, <http://www.zoology.asm.md/page-40-103-ro.htm>
106. Claudia Stih, Ion V. Popescu, Marina Frontasyeva, Antoaneta Ene, Otilia Culicov, Cristiana Radulescu, Ioana Daniela Dulama, Moss Biomonitoring in Romania: Past, Present and Future, Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences "IC-ANMBES 2014", June 13th-15th, 2014, Brasov, Romania, <http://icanmbes.unitbv.ro/>
107. Thomas Spanos, Antoaneta Ene, Mitkidou Sofia, Pavlina Simeonova, 2015, Application of chemometric methods for assessment of groundwater quality data in Kavala Prefecture, Northern Greece, INTERNATIONAL CONFERENCE "New Frontiers in Environmental and Water Management", SESSION III - Innovation in Water Management, March 19-21, 2015, Kavala, GREECE, Book of Abstracts, p.18, <http://fewm.eu/>
108. Thomas Spanos, Antoaneta Ene, Karadjova I., 2015, Monitoring of heavy metals in sewage sludge produced in Kavala and Drama wastewater treatment plants, Northern Greece, 1st International Scientific Conference on "Sustainable Solutions to Wastewater Management-Maximizing the Impact of Territorial Cooperation" (WASTEnet), 19-21 June 2015, Kavala, Greece, Oral presentation B39, Session 9-Urban & Industrial WW Treatment Facilities, Booklet of Conference Abstracts, p.29, <http://wastenet2015.org/>, http://wastenet2015.org/?page_id=497
109. Antoaneta Ene, Marina V. Frontasyeva, Oleg Ignatenko, SEM-EDX investigation of synthesized diamonds and lithium nitrides, 23rd International Seminar on Interaction of Neutrons with Nuclei: Fundamental Interactions & Neutrons, Nuclear Structure, Ultracold Neutrons, Related Topics (ISINN-23), Poster, section "Nuclear and related analytical techniques in the environmental and material sciences", Dubna, Russia, 25-29 May 2015, Abstracts of the Seminar, Dubna, JINR, p.33.
110. Antoaneta Ene, Marina V. Frontasyeva, Oleg Ignatenko, Alina Cantaragiu, Investigation of synthesized diamonds, lithium and boron nitrides using SEM-EDX and XRD techniques, 15th International Balkan Workshop on Applied Physics (IBWAP 2015), Constanta, Romania, 2-4 July 2015, Poster S5_P33, Section 5-Engineering and Industrial Physics, Book of Abstracts, pp. 188-189.
111. Oleg Bogdevich, Antoaneta Ene, Dina Izmailova, Elena Culighin, Oleg Cadocinovic , THE STUDY OF HEAVY METAL CONCENTRATIONS IN ENVIRONMENTAL SAMPLES FROM LOWER DANUBE EUROREGION, oral presentation, S5-O1, SECTION 5 Engineering and Industrial Physics, Book of Abstracts, p.142-143
112. Ionelia Sandu, Liliana Irofte, Elena Bocioc, Gabriel Murariu, Lucian Georgescu, Antoaneta Ene, STATISTICAL ANALYSIS OF PHYSICAL AND CHEMICAL PARAMETERS OF THE WATER – WELL FORM THE GALATI COUNTY AREA Poster S5 P36, p.184
113. O.V. Ignatenko, A.V. Kononova, V.A. Komar, S. V. Leonchik, N. A. Shempel, Yu. V. Aleksiyenak, M.V. Frontasyeva, V. N. Shvetsov, A. Ene, A. Cantaragiu.

- Comparative characteristics of synthetic diamond powder obtained in systems Fe-Ni-C and Mn-Ni-C, Proceedings of the 2nd International Conference on Modern Applications of Nanotechnology, 6-8 May 2015, Minsk, Belarus, Poster P077, Program page 19, http://www.physics.by/e107_files/public/conference/program_2015final2222.pdf, <http://www.ibicn2.com/>
114. Игнатенко О.В., Коновалова А.В., Комар В.А., Леончик С.В., Шемпель Н.А., Алексеев Ю.В., Фронтасьева М.В., Швецов В.Н., А. Ене, А. Cantaragiu, Влияние состава ростовой системы на характеристики синтетических алмазных порошков. Сборник материалов международного симпозиума «Перспективные материалы и технологии», 27-29 мая 2015 г., г. Витебск, Беларусь. (Influence of the composition on characteristics of growth in the systems of synthetic diamond powders, International symposium "Promising Materials and Technologies", 27-29 May 2015, Vitebsk, Belarus) Poster no.74, <http://nic.vstu.by/mezhunarodnyi-simpozium-perspektivnye-materialy-i-tehnologii-q-vitebsk-27-29-maya-2015-qoda/>, <http://vstu.by/fpgetfile.php?id=1383&module=files>, <http://www.itanas.by/images/file/novosti/selection.pdf>.
 115. Ene, A., Zubcov, E., Bogdevich, O., Denga, Yu., Organization and conducting of ecological monitoring of the Lower Danube, International Conference "Environmental Challenges in Lower Danube Euroregion", Galati, 25-26 June, 2015, Invited Lecture IL1, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.7.
 116. Zubcov, E., Zubcov, N., Biletski, L., Bagrin, N., Ene, A., Bogdevich, O., Denga, Y., Șova, S., Ciornea, V., Microelements (As, Pb, Ni, Cu, Zn, Mn) in waters of the Prut River, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Invited Lecture IL2, Abstract Book p.9.
 117. Bulat, D.M.; Bulat, D.N.; Toderas, I.; Usatii, M.; Biletski, L.; Ene, A.; Bogdevich, O.; Denga, Y. Ichthyofauna diversity of the Prut River and the major treats, International Conference "Environmental Challenges in Lower Danube Euroregion" 25-26 June, Galati, Romania 2015, Invited Lecture IL6, p. 18-19.
 118. Ștefan Dragomir, Antoaneta Ene, Study of water quality discharged into Danube River - Galati town area, International Conference "Environmental Challenges in Lower Danube Euroregion" 25-26 June, Galati, Romania 2015, Invited Lecture IL5.
 119. Popescu I.V., Frontasyeva M., Stih C., Ene A., Radulescu C., Culicov O., Cucu-Man S., 2015, Survey of atmospheric deposition of heavy metals in Romania by using moss biomonitoring, ICP Vegetation 28th Task Force Meeting, 3-5 February, 2015. Rome, Italy, Programme and Abstracts p.73. http://icpvegetation.ceh.ac.uk/events/tf_meetings.html
<http://icpvegetation.ceh.ac.uk/publications/documents/Programmeandbookofabstracts28thICPVegetationTaskForcemeeting2015.pdf>
 120. Popescu I.V., Frontasyeva M., Stih C., Ene A., Radulescu C., Culicov O., Dulama I., Zinicovscaia I., Gheboianu A., Cucu-Man S., Todoran R., Bioindication of heavy metals atmospheric depositions in Romania, 23rd International Seminar on Interaction of Neutrons with Nuclei: Fundamental Interactions & Neutrons, Nuclear Structure, Ultracold Neutrons, Related Topics (ISINN-23), Oral presentation, section "Nuclear and related analytical techniques in the environmental and material sciences", Dubna, Russia, 25-29 May 2015, Abstracts of the Seminar, Dubna, JINR, p.69.
 121. S. Plăcintă, V. Cristea, A. Ene, M. Crețu, E. Bocioc, Ș. M. Petrea, THE DYNAMICS OF PHYSICO-CHEMICAL INDICATORS OF WATER IN LOWER PRUT FLOODPLAIN NATURAL PARK, International U.A.B.-B.En.A. Conference ENVIRONMENTAL ENGINEERING AND SUSTAINABLE PROTECTION OF ENVIRONMENT, 5th Edition, May 28-30, 2015, Alba Iulia, Romania, Poster P115, Book of Abstracts, p. 99, Aeternitas Publishing House, Alba Iulia, 2015, ISSN 2457-2829, p.139.
 122. S. Plăcintă, M. Crețu, V. Cristea, A. Ene, E. Bocioc, M. T. Coadă, THE PHYSICO-CHEMICAL CHARACTERIZATION OF WATER IN LOWER DANUBE REGION, International U.A.B.-B.En.A. Conference ENVIRONMENTAL ENGINEERING AND SUSTAINABLE PROTECTION OF ENVIRONMENT, 5th Edition, May 28-30, 2015, Alba Iulia, Romania, Poster P116, Book of Abstracts, p. 99, Aeternitas Publishing House, Alba Iulia, 2015, ISSN 2457-2829, p.140.
 123. Ene, A., Bogdevich, O., Denga, Yu., Zubcov, E., Quantification of heavy metals and trace elements in soils using XRF technique, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.8.
 124. Ene, A., Zubcov, E., Bogdevich, O., Denga, Yu., Levels of gamma radiation dose rates in selected areas of Lower Danube Euroregion, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.8.
 125. Bagrin, N.; Zubcov, E.; Biletski, L.; Ene, A.; Ivanova, A.; Bogdevich, O.; Denga, Y., Main ions and mineralization of the Lower Prut waters on Gosteti-Giurgiulesti sector, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.11.
 126. Ungureanu, L., Tumanova, D., Ungureanu, G.H., Ene, A., Current state of phytoplankton in the Prut River lower sector, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.26.
 127. Ungureanu, L., Tumanova, D., Ene, A., Phytoplankton state of Prut Lakes, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.27.
 128. Subermetkii, I.; Negru, M.; Zubcov, E.; Ene, A.; Bogdevich, O.; Denga, Y., On the status of bacterioplankton in the Lower Prut and Danube rivers, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.28.
 129. Jurminkaia, O., Shubernetkii, I., Lebedenco, L., Zubcov, E., Ene, A., Denga, Y., Bogdevich, O., Zooplankton investigations in aquatic ecosystems of Lower Danube Euroregion, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.29.
 130. Munjiu, O.; Toderas, I.; Subermetkii, I.; Biletski, L.; Ene, A.; Andreev, N.; Denga, Y., On the status of macrobenthic invertebrates populations from the Lower Danube, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.3.
 131. Plăcintă, S., Cristea, V., Ene, A., Crețu, M., Bocioc, E., Coadă, M.T., Seasonal characterization of the physico-chemical parameters of Danube River water, Isaccea-Vilkovo sector, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.42.
 132. Ene, A., Circumaru, A., Spatial variation of outdoor gamma radiation dose rates in selected locations of Cahul town, Republic of Moldova, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.16.
 133. Bogdevich, O., Ene, A., Cadocinovic, O., Culighin, E., Nicolau, E., Study of POPs polluted sites in Lower Prut region of Republic of Moldova, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.13.
 134. Bogdevich, O., Ene, A., Cadocinovic, O., Culighin, E., Nicolau, E., PAHs analysis in soil and sediments from Lower Prut wetlands, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.14.
 135. Danila, E., Danila, A., Ene, A., Hahue, V., Moraru, L., Using aerial images to identify changes in land coverage in Danube Delta, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.19.
 136. Moraru, L., Ene, A., Ciliated protozoa and parasites pattern recognition by image analysis in water samples, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.22.
 137. Ungureanu, C., Nita, A., Ene, A., Bahrim, G., Biostimulation the metabolic activity of the microorganisms involved in biodegradation of pharmaceutical residues in aquatic environments, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.22.
 138. Ungureanu, C., Turturica, M., Ene, A., Bahrim, G., Microbiological quality of water sampled from various sources in Lower Danube region, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.23.
 139. Gosav, S., Paduraru, N., Ene, A., Drasovean, R., Toxicological study on some chemical compounds using the molecular modeling and FTIR spectroscopy, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.24.
 140. Popescu, A., Vasilean, I., Ene, A., Preliminary aspects concerning the plankton qualitative structure in the Danube River, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.37.
 141. Ungureanu, C., Ifrim, G., Ene, A., Bahrim, G., Preliminary investigation on the chemical quality of water from Lower Danube region, Romanian part, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.39.
 142. Moraru, D., Georgescu, L., Ene, A., The lactic acid fermentation a method of obtaining vegetable products safe for human consumption, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.44.

143. Spanos, T., Ene, A., Analysis of heavy metal content of sewage sludge from wastewater treatment plants, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.46.
144. Ene, A., Spanos, T., Bogdevich, O., Evaluation of soil organic pollutants analysis data using multivariate statistical methods, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.46.
145. Ene, A., Danila, E., Circiumaru, A., Gheorghies, C., Drasovean, R., Gosav, S., Dragomir, S., Bodor, M., Bria, V., Patrascu, N.D., Pascu, E., Gavril, G., Slobodeniuc, A., Arlton, C., Stoleru, O., Ciobanu, S., Ene, A., Chirita, L., Sandu, I., Applications of gamma-rays spectrometry and nuclear dosimetry, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.47.
146. Ene, A., Neculac, D., Study of heavy metals from atmospheric deposition using mosses as bioindicators, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.47.
147. Ene, A., Bradler, A., Chirac, E., Soimu, D., Applications of atomic and nuclear spectrometric methods for water and soil analysis, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.48.
148. Drasovean, R., Gosav, S., Păduraru, N., Ene, A., Monitoring greenhouse gases in Romania, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.48.
149. Condurache-Bota, S., Ene, A., Pavelascu, G., Nuclear energy and radioactive pollution, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.49.
150. Condurache-Bota, S., Ene, A., Antohe, A.T., Condurache-Bota, G., Recent developments in air quality in Europe, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.49.
151. Condurache-Bota, S., Ene, A., Androni, C., Condurache-Bota, G., Greenhouse gases: trends worldwide from the EDGAR database, International Conference "Environmental Challenges in Lower Danube Euroregion" Galati, June 25-26, 2015, Abstract Book, Ed. Casa Cărții de Știință, Cluj, ISBN 978-606-17-0745-4, p.49.
152. Marius Bodor, Mugurel Enache, Ene Antoaneta, Vasile Bria, Alina Slobodeniuc, Cristina Arlton, Sergiu Ciobanu, Adrian Circiumaru, Comparative Study of Noise Pollution between Galați City (Romania) and Cahul City (Republic of Moldova), The Third International Conference of Young Researchers "New Trends in Environmental and Materials Engineering" (TEME) 21 – 23 October 2015, GALAȚI, ROMANIA, Poster P55.<http://www.teme.ugal.ro/Program%20TEME%202015.pdf>
153. Ene A., Frontasyeva M. V., Neutron activation analysis and imaging techniques in Romania-JINR cooperation in material and life sciences, 24-th International Seminar on Interaction of Neutrons with Nuclei (ISINN-24), Dubna, Russian Federation, May 23-27, 2016, Oral presentation 31, Abstracts of the seminar, JINR, p.35, 2016, ISBN 978-5-9530-0441-1.
154. Ene A., Frontasyeva M. V., Strelkova L.P., Pavlov S.S., Basliu V., Assessment of heavy metals and other trace elements in soils around iron and steel industry by neutron activation analysis and X-ray fluorescence, 24-th International Seminar on Interaction of Neutrons with Nuclei (ISINN-24), Dubna, Russian Federation, May 23-27, 2016, Poster presentation 10, Abstracts of the seminar, JINR, p.36, 2016, ISBN 978-5-9530-0441-1.
155. Ene A., Frontasyeva M. V., Neutron Activation Analysis as a Tool for Environmental and Materials Research, IC-ANMBES 2016 – June 29-July 1, 2016, Brasov, Romania, Contributed Talk O17, Book of Abstracts, Transilvania University Press, p. 66, 2016, ISSN 2360-3461.
156. Claudia Stihl, Ion V. Popescu, Marina Frontasyeva, Cristiana Radulescu, Antoaneta Ene, Otilia Culicov, Inga Zinicovscaia, Ioana Daniela Dulama, Simona Cucu-Man, Radu Todoran, Anca Gheboianu, Iulian Bancuta, Gabriel Dima, Alin Bucurica, Heavy Metal Air Pollution Study in Romania Using Moss Biomonitoring together with NAA and AAS Analytical Techniques, IC-ANMBES 2016 – June 29-July 1, 2016, Brasov, Romania, Invited Talk 17, Book of Abstracts, Transilvania University Press, p. 65, 2016, ISSN 2360-3461.
157. Elena Zubcov, Antoaneta Ene, Victor Ciornea, Lucia Bilețchi, Natalia Zubcov, The Study of Metal Migration in the Aquatic Environment, IC-ANMBES 2016 – June 29-July 1, 2016, Brasov, Romania, Section Atomic and nuclear Methods, Poster PNa2, Book of Abstracts, Transilvania University Press, 2016, ISSN 2360-3461, p.153.
158. Cucu-Man S.M., Culicov O.A., Frontasyeva M., Ene A., Steinnes E., Challenges and opportunities in biomonitoring atmospheric trace element depositions. A case study in Eastern Romania, The 29th Task Force Meeting of the UNECE ICP Vegetation for Europe Convention on Long-Range Transboundary Air Pollution, February 29 - March 4, 2016, Dubna, Russian Federation, Programme and abstracts, Dubna, JINR, 2016, p.46, ISBN 978-5-9530-0433-6.
159. Stihl C., Popescu I.V., Frontasyeva M., Radulescu C., Ene A., Culicov O., Cucu-Man S., Todoran R., MOSS SURVEY 2010 IN ROMANIA. RESULTS AND PERSPECTIVES, The 29th Task Force Meeting of the UNECE ICP Vegetation for Europe Convention on Long-Range Transboundary Air Pollution, February 29 - March 4, 2016, Dubna, Russian Federation, Programme and abstracts, Dubna, JINR, 2016, p.82, ISBN 978-5-9530-0433-6.
160. Oleg Bogdevich, Antoaneta Ene, Oleg Cadocinovic, Elena Culighin, Elena Nicolau, Marina Grigoras, The study of POPs contaminated sites in Danube River basin of Republic Moldova for risk assessment and remediation actions, International Conference Contaminated sites 2016, Bratislava, 12-13 September 2016.
161. V. Pintilie, L.P. Georgescu, L. Moraru, A. Ene, C. Itescu, NATURAL RADIOACTIVITY IN DRINKING WATER FROM GALATI AND VRANCEA AREAS, ROMANIA, The Fourth International Conference on Radiation and Applications in Various Fields of Research (RAD 2016), Niš, Serbia, May 23 - 27, 2016, Paper RAD4-135, Oral presentation, Section 25-Radiochemistry and Radiation Chemistry, Book of Abstracts, University of Niš, ISBN 978-86-6125-160-3, p. 384.. http://www.rad-conference.org/rad2016/title_list.php, <http://www.rad-conference.org/books.php>
162. Antoaneta Ene, Ana Pantelica, Elena Zubcov, Oleg Bogdevich, Yuriy Deng, Dan Gabriel Ghita, Using Ion beam Analysis as a Complement of XRF, AAS and ICP-OES in Environmental Studies, Invited Lecture I.L.4.1, Scientific Conference of Doctoral Schools from University Dunarea de Jos of Galati, Fourth Edition, Galati, 2-3 June 2016, Section IV. Advanced investigation methods in environment and biohealth, Book of Abstracts, pg.24-25.
163. Antoaneta Ene, Marina V. Frontasyeva, A. Cantaragiu, V. Pintilie, E. Pascu, D. Soimu, E. Chiriac, V. Coguteac, A. Buliga, M. Tobol, Nuclear and X-ray Methods used in Environmental and Material Science, Oral presentation OP4.2, Scientific Conference of Doctoral Schools from University Dunarea de Jos of Galati, Fourth Edition, Galati, 2-3 June 2016, Book of Abstracts, pg.48-49.
164. V. Pintilie, A. Ene, L.P. Georgescu, L. Moraru, Monitoring of gross alpha and beta activity in drinking water from Galati during 2013-2014, Scientific Conference of Doctoral Schools from University Dunarea de Jos of Galati, Fourth Edition, Galati, 2-3 June 2016, Oral presentation OP4.3, Book of Abstracts, pg.49.
165. Thomas Spanos, Antoaneta Ene, Management of biological sludge from different wastewater treatment plants in Greece, Scientific Conference of Doctoral Schools from University Dunarea de Jos of Galati, Fourth Edition, Galati, 2-3 June 2016, Oral presentation OP4.7, Book of Abstracts, pg.51-52.
166. Ene A., Frontasyeva M. V., Neutron activation analysis and X-ray based techniques used in material science and environmental studies, IBWAP2016 Constanta 7-9 July 2016, Oral presentation S3O12, Book of Abstracts, Ovidius University Press, Constanta, 2016, ISSN 2501-9058, pp.110-111.
167. Violeta PINTILIE, Antoaneta ENE, Lucian Puiu GEORGESCU, Oana ANDREI, ASSESSMENT OF EFFECTIVE DOSE FROM NATURAL RADIONUCLIDES INTAKE THROUGH BREAD, IBWAP2016 Constanta 7-9 July 2016, Poster S3P01, Book of Abstracts, Ovidius University Press, Constanta, 2016, ISSN 2501-9058, p. 113.
168. Violeta PINTILIE, Antoaneta ENE, Lucian Puiu GEORGESCU, Luminita Moraru, NATURAL RADIONUCLIDES IN DIET AND THEIR EFFECTIVE DOSE, IBWAP2016 Constanta 7-9 July 2016, Poster S3P04, Book of Abstracts, Ovidius University Press, Constanta, 2016, ISSN 2501-9058, p. 115.
169. Oleg Bogdevich, Antoaneta Ene, Elena Culighin, Oleg Cadocinovic, Dina Izmilova, Elena Nicolau, Marina Grigoras, Heavy metal analysis in different environmental samples from Lower Danube Euroregion, SSP12, Book of Abstracts, Ovidius University Press, Constanta, 2016, ISSN 2501-9058, p. 169.
170. Antoaneta ENE, Ana PANTELICĂ, Dan Gabriel GHIȚĂ, Andreea MITU, PIXE-PIGE TECHNIQUES USED IN ENVIRONMENTAL STUDIES, IBWAP2016 Constanta 7-9 July 2016, S3P02, Book of Abstracts, Ovidius University Press, Constanta, 2016, ISSN 2501-9058, p. 113-114.
171. Antoaneta Ene, MEASUREMENTS OF ENVIRONMENTAL RADIOACTIVITY IN LOWER DANUBE REGION, Oral presentation, Section 3. Water ecosystems: methodology of investigation, monitoring, evaluation of threats, and assessment of risks, 9th International Conference of Zoologists, "SUSTAINABLE USE, PROTECTION OF ANIMAL WORLD AND FOREST MANAGEMENT IN THE CONTEXT OF CLIMATE CHANGE", 12-13 October 2016, Chisinau, Institute of Zoology, Academy of Sciences of Moldova, ISBN 978-9975-3022-7-2, pp.203-204.
172. Antoaneta Ene, Ana Pantelica, Elena Zubcov, Oleg Bogdevich, Yuriy Deng, Marina V. Frontasyeva, Thomas Spanos, NUCLEAR AND ATOMIC ANALYTICAL TECHNIQUES FOR ELEMENT ANALYSIS IN VARIOUS ENVIRONMENTAL MATRICES, Oral presentation, Section 3. Water ecosystems: methodology of investigation, monitoring, evaluation of threats, and assessment of risks, 9th International Conference of Zoologists, "SUSTAINABLE USE, PROTECTION OF ANIMAL WORLD AND FOREST MANAGEMENT IN THE CONTEXT OF CLIMATE CHANGE", 12-13 October 2016, Chisinau, Institute of Zoology, Academy of Sciences of Moldova, ISBN 978-9975-3022-7-2, pp.205-206.
173. Thomas Spanos, Antoaneta Ene, MULTIVARIATE ANALYSIS IN WATER SAMPLES USING INDUCTIVELY COUPLED PLASMA - MASS SPECTROMETRY (ICP-MS), Oral presentation, Section 3. Water ecosystems: methodology of investigation, monitoring, evaluation of threats, and assessment of risks, 9th International Conference of Zoologists, "SUSTAINABLE USE, PROTECTION OF ANIMAL WORLD AND FOREST MANAGEMENT IN THE CONTEXT OF CLIMATE CHANGE", 12-13 October 2016, Chisinau, Institute of Zoology, Academy of Sciences of Moldova, ISBN 978-9975-3022-7-2, p. 225.

174. Elena Zubcov, Natalia Zubcov, Ryszard Kolman, Lucia Biletschi, Antoaneta Ene, Oleksii Khudyi, IDENTIFICATION OF FISH TOLERANCE – NEW DIRECTION IN AQUACULTURE, Section 3. Water ecosystems: methodology of investigation, monitoring, evaluation of threats, and assessment of risks, 9th International Conference of Zoologists, "SUSTAINABLE USE, PROTECTION OF ANIMAL WORLD AND FOREST MANAGEMENT IN THE CONTEXT OF CLIMATE CHANGE", 12-13 October 2016, Chisinau, Institute of Zoology, Academy of Sciences of Moldova, ISBN 978-9975-3022-7-2, p. 240.

Papers published as abstract in volumes of national conferences with international participation

1. Nat, A., Ene, A., 2005, On the application of instrumental fast neutron activation analysis (FNAA) for the determination of gold in auriferous sands, National Conference on Applied Physics, June 3-4, Galați, Section V – Nuclear Physics, Abstract Book ISBN 973-627-228-1, p. 32-33.
2. Nat, A., Ene, A., 2005, Study of nuclear interferences in 14 MeV neutron activation analysis for alkali determination in raw materials used in ironmaking, National Conference on Applied Physics, June 3-4, Galați, Section V – Nuclear Physics, Abstract Book ISBN 973-627-228-1, p. 33.
3. Nat, A., Ene, A., Nat, N., Daraban, L., Nat, R., 2000, Study of reaction interferences in gold determination from alluvial sands by fast neutron activation analysis, National Physics Conference, Constanta, September 21- 23, NPC- Paper Abstracts, Oral presentation O5-SB, p.15.
4. Nat, A., Ene, A., Nat, N., Daraban, L., Nat, R., 2000, Determination of gold in alluvial sands, auriferous rocks and concentrates by fast neutron activation analysis, National Physics Conference, Constanta, September 21- 23, NPC- Paper Abstracts, Poster P3-S3, p.17.
5. Ene, A., Popescu, I.V., Badica, T., Besliu, C., 2005, Comparative study of PIGE, PIXE and NAA analytical techniques for the determination of minor elements in steels, 14th National Conference on Physics, CNF 2005, September 13-17, 2005, Bucharest, Romania, Section 3 – Nuclear physics (Poster session), S3P1, Abstracts-volume I, p. 26, ISBN 973-718-304-5.
6. Ene, A., Popescu, I.V., Badica, T., 2005, Determination of light elements in steel using particle-induced prompt gamma ray emission, 14th National Conference on Physics, CNF 2005, September 13-17, 2005, Bucharest, Romania, Section 3 – Nuclear physics (Poster session), S3P2, Abstracts-volume I, p.27, ISBN 973-718-304-5.
7. Ene, A., 2006, PIGE-DIGE determination of carbon in steel samples, National Conference on Applied Physics, 2nd edition, June 9-10, Galați, Section 10 – Applied Atomic and Nuclear Physics, paper 10.7, Oral presentation, Abstract Book ISBN 973-627-311-3 ; ISBN 978-973-627-311-7, p. 51.
8. Ene, A., Popescu, I.V., Badica, T., 2006, Capabilities of PIXE technique for the determination of minor constituents of steel, National Conference on Applied Physics, 2nd edition, June 9-10, Galați, Section 10 – Applied Atomic and Nuclear Physics, paper 10.8, Oral presentation, Abstract Book ISBN 973-627-311-3 ; ISBN 978-973-627-311-7, p. 52.
9. Nat, A., Ene, A., 2006, A procedure for optimal determination of gold in alluvial sands by 14 MeV neutron activation analysis, National Conference on Applied Physics, 2nd edition, June 9-10, Galați, Section 10 – Applied Atomic and Nuclear Physics, paper 10.5, Oral presentation, Abstract Book ISBN 973-627-311-3 ; ISBN 978-973-627-311-7, p. 51.
10. Nat, A., Ene, A., 2006, 14 MeV neutron activation analysis of alkali in ores used in iron and steel industry, National Conference on Applied Physics, 2nd edition, June 9-10, Galați, Section 10 – Applied Atomic and Nuclear Physics, paper 10.6, Oral presentation, Abstract Book ISBN 973-627-311-3 ; ISBN 978-973-627-311-7, p. 51.
11. Ene, A., Ivanescu L., Ivanescu Al., 2006, On the utilization of blast furnace gas in a proportion of 100% for the cowpers heating, National Conference on Applied Physics, 2nd edition, June 9-10, Galați, Section 2 – Thermodynamics and heat. Thermotechnical applications, paper 2.6, Oral presentation, Abstract Book ISBN 973-627-311-3 ; ISBN 978-973-627-311-7, p. 21.
12. Ivanescu L., Ivanescu Al., Ene, A., 2006, Study of the possibility of fuel economy achievement at the heat treatment furnaces of the steel moulded pieces, National Conference on Applied Physics, 2nd edition, June 9-10, Galați, Section 2 – Thermodynamics and heat. Thermotechnical applications, paper 2.7, Oral presentation, Abstract Book ISBN 973-627-311-3 ; ISBN 978-973-627-311-7, p. 21.
13. Ivanescu L., Ivanescu Al., Ene, A., 2006, Improvement of the electric furnaces energetic efficiency by using exothermal mixtures, National Conference on Applied Physics, 2nd edition, June 9-10, Galați, Section 2 – Thermodynamics and heat. Thermotechnical applications, paper 2.8, Oral presentation, Abstract Book ISBN 973-627-311-3 ; ISBN 978-973-627-311-7, p. 21.
14. Nistor Cristea, L., Ene, A., Drasovean, R., 2006, On the possibility of using the slags from iron and steel industry in road construction from the point of view of their physical-mechanical properties, National Conference on Applied Physics, 2nd edition, June 9-10, Galați, Section 4 – Physico-chemical methods of analysis and control, paper 4.11, Oral presentation, Abstract Book ISBN 973-627-311-3 ; ISBN 978-973-627-311-7, p. 26.
15. Antoaneta Ene, I.V. Popescu, T. Badica, Claudia Stih, Anca Gheboianu, M. Gugu, V. Ghisa, I. Bancuta, G. Dima, 2007, Analytical applications of PIXE technique, National Conference on Applied Physics, 3rd Edition, Galați, 15-16 June 2007, Invited Lecture L5, Editura Fundației Universitare „Dunărea de Jos” din Galați, ISBN 978-973-627-376-6, p.16.
16. V.Ghișă, I.V.Popescu, M. Belc, A. Ene, 2007, 3rd National Conference on Applied Physics, Galați 15-16 June 2007, S3.O2. A X-ray fluorescence technique study applied on some Roman brooches discovered at Tomis, Constanta,Editura Fundației Universitare „Dunărea de Jos” din Galați, ISBN 978-973-627-376-6, p.26
17. V.Ghișă, I.V.Popescu, M. Belc, A. Ene, 2007, 3rd National Conference on Applied Physics, Galați 15-16 June 2007, S3.O3. AAS study on different types of tool traces in some ancient symbols, discovered at Sinca Veche temple, Romania, Editura Fundației Universitare „Dunărea de Jos” din Galați, ISBN 978-973-627-376-6, p.26
18. A. Ene, I.V. Popescu, T. Badica, 2007, 3rd National Conference on Applied Physics, Galați 15-16 June 2007, S3.O5. DIGE analysis of oxygen in steels, Editura Fundației Universitare „Dunărea de Jos” din Galați, ISBN 978-973-627-376-6, p.27
19. A.Nat, A. Ene, 2007, 3rd National Conference on Applied Physics, Galați 15-16 June 2007, S3.O6. Necessary corrections in quantitative determination of gold in auriferous sands and concentrates by fast neutron activation analysis,Editura Fundației Universitare „Dunărea de Jos” din Galați, ISBN 978-973-627-376-6, p.27
20. A.Ene, V. Diaconu, A. Boșneagă, T. Simionescu, 2007, 3rd National Conference on Applied Physics, Galați 15-16 June 2007, S3.O7. Analytical Use Of Xrf Technique And X-Ray Attenuation In Metallurgical Industry,Editura Fundației Universitare „Dunărea De Jos” Din Galați, ISBN 978-973-627-376-6, P.28
21. C.Stih, I. V. Popescu, V. Cimpoșca, S. Apostol, G. Dima, C. Oros, S. Dinu, Gh. Vlaicu, A. Ene, 2007, 3rd National Conference on Applied Physics, Galați 15-16 June 2007, S6.O3. Total dissolved solids measurements of water quality,Editura Fundației Universitare „Dunărea de Jos” din Galați, ISBN 978-973-627-376-6, p.45
22. Antoaneta Ene, L. Palade, I. Cerchez, D.C. Radu, Andreea Ene, 2007, 3rd National Conference on Applied Physics-Book of Abstracts, Galați 15-16 June 2007, S3.P1. Analysis of some aqueous solutions and binary alloys using beta backscattering technique, Editura Fundației Universitare „Dunărea de Jos” din Galați, ISBN 978-973-627-376-6, p.28
23. A. Ene, C. Nenitescu, C. Mardare, 2007, 3rd National Conference on Applied Physics, Galați 15-16 June 2007, S3.P2. Applications of gamma spectrometry using scintillation detectors, Editura Fundației Universitare „Dunărea de Jos” din Galați, ISBN 978-973-627-376-6, p.29
24. Antoaneta Ene, S. Costin, L. Gheorghiuță, Andreea Ene, 2007, 3rd National Conference on Applied Physics-Book of Abstracts., Galați 15-16 June 2007, S3.P3. Laboratory applications of gamma rays attenuation, Editura Fundației Universitare „Dunărea de Jos” din Galați, ISBN 978-973-627-376-6, p.29
25. Ene A., S. Pavel, M. Simion, S. Tatu, 2007, 3rd National Conference on Applied Physics, Galați 15-16 June 2007, S3.P4. Study of spectral and nuclear interferences in pige analysis of steel matrix, Editura Fundației Universitare „Dunărea de Jos” din Galați, ISBN 978-973-627-376-6, p.29
26. Ene A., V. Voicu, A. Ilie, 2007, 3rd National Conference on Applied Physics, Galați 15-16 June 2007, S3.P5. Study of some proton induced X-ray spectra from IAEA Vienna to determine the chemical elements in complex samples, Editura Fundației Universitare „Dunărea de Jos” din Galați, ISBN 978-973-627-376-6, p.29
27. Ene A., V. Mihăilă, G. Popovici, 2007, 3rd National Conference on Applied Physics, Galați 15-16 June 2007, S3.P6. Teaching the Moseley law at atomic physics courses for university students using X-ray energetic spectra packages, Editura Fundației Universitare „Dunărea de Jos” din Galați, p.30
28. A. Ivanescu, L. Ivanescu, A. Ene, Galați 15-16 June 2007, 3rd National Conference on Applied Physics , S8.P2.Study of the evolution of the heat exchange coefficient at the continuous casting of steel, Editura Fundației Universitare „Dunărea de Jos” din Galați, ISBN 978-973-627-376-6, p.61
29. A. Ene, I.V. Popescu, C. Stih, T. Badica, A. Gheboianu, I. Bancuta, G. Dima, 4th National Conference on Applied Physics, Galați 25-26 Sept. 2008, S3.O9. Multielemental analysis of metallurgical, environmental and biological samples using PIXE technique, Galați University Press, ISBN 978-973-88848-7-8, p.36
30. A. Ene, I. V. Popescu, T. Badica, C. Stih, A.Gheboianu, 4th National Conference on Applied Physics, Galați 25-26 Sept. 2008, S3.P10. PIGE-NAA analysis of minor and trace elements in steels, Galați University Press, ISBN 978-973-88848-7-8, p.37
31. A. Nat, A. Ene, 4th National Conference on Applied Physics, Galați 25-26 Sept. 2008, S5.P8. Experimental aspects in the determination of alluvial gold by instrumental fast neutron activation analysis (FNAA), Galați University Press, ISBN 978-973-88848-7-8, p.49
32. A. Gheboianu, C. Stih, I. V. Popescu, V. Cimpoșca, A. Ene, I. Bancuta, G. Vlaicu, 4th National Conference on Applied Physics, Galați 25-26 Sept. 2008, S6.P9. Surface waters quality monitoring by AAS and TDS measurements, Galați University Press, ISBN 978-973-88848-7-8, p.56
33. C. Stih, I. V. Popescu, A. Gheboianu, A. Ene, G. Dima, G. Vlaicu, 4th National Conference on Applied Physics, 2008,S7.O5. Determination of mineral content of vegetables using EDXRF spectroscopy, Galați University Press, ISBN 978-973-88848-7-8, p.60

34. M. Ghețeu, M. Goloșie, A. Ene, 4th National Conference on Applied Physics, Galati 25-26 Sept. 2008, S7.07. The anthropic pollution with radionuclides in the Ciudanova-Lișava region, Galati University Press, ISBN 978-973-88848-7-8, p.61
35. Antoaneta Ene, Alina Boșneagă, Andreea Ene, 4th National Conference on Applied Physics, Galati 25-26 Sept. 2008, S8. 06. Analysis and control of metallurgical materials using X-ray fluorescence technique and X-ray attenuation, Galati University Press, ISBN 978-973-88848-7-8, p.65
36. Antoaneta Ene, I.V. Popescu, Claudia Stih, Anca Gheboianu, T. Badica, M. Gugu, I. Bancuta, G. Dima, 2008, National Conference of Physics (CNF 2008), Bucharest, 10-13 Sept. 2008, S11.015, PIXE analysis of environmental and metallurgical samples, Abstract Book pag. 217
37. I. V. Popescu, C. Stih, T. Badica, Gh. Cimpoa, G. Dima, A. Ene, A. Gheboianu, I. Bancuta, 2008, National Conference of Physics (CNF 2008), Bucharest, 10-13 Sept. 2008, S11.P9., Proton induced X-rays excitation (PIXE) and Atomic Absorption Spectrometry (AAS) applied in the environmental samples analysis, Abstract Book pag. 225.
38. Elena Zubcov, Laurentia Ungureanu, Antoaneta Ene, Natalia Zubcov, Nina Bagrin, Natalia Borodin, Liubovi Lebedenco, Lucia Biletschi, Assessment of chemical compositions of water and ecological situation in Dniester river, Poster SA P004, A Doua Conferință Națională de "Științe Aplicate în Studiul Mediului Înconjurător și Materialelor" cu Participare Internațională, Târgoviște, 28-30 aprilie 2010, Abstract Book p.30.
39. Elena Zubcov, Natalia Zubcov, Antoaneta Ene, Nina Bagrin, Lucia Biletschi, The dynamics of trace elements in Dniester river ecosystems, Lucrare invitata (Plen) IL 003, A Doua Conferință Națională de "Științe Aplicate în Studiul Mediului Înconjurător și Materialelor" cu Participare Internațională, Târgoviște 28-30 aprilie 2010, Abstract Book p. 2.
40. Antoaneta Ene, Alina Bosneaga, Inter-element relationships for soils around a ferrous metallurgical plant, A Doua Conferință Națională de "Științe Aplicate în Studiul Mediului Înconjurător și Materialelor" cu Participare Internațională, Târgoviște, 28-30 aprilie 2010, Poster SA P002, Abstract Book p.28.
41. Antoaneta Ene, Ion V. Popescu, Claudia Stih, Anca Gheboianu, Cristiana Radulescu, Nicolae Tigau, Steluta Gosav, Assessment of river water quality in Central and Eastern parts of Romania using atomic and optical methods, Poster SA P003, A Doua Conferință Națională de "Științe Aplicate în Studiul Mediului Înconjurător și Materialelor" cu Participare Internațională, Târgoviște, 28-30 aprilie 2010, Abstract Book p.29.
42. Antoaneta Ene, Ion V. Popescu, Teodor Badica, Ana Pantelica, Non-destructive nuclear methods for trace elements analysis in steel, Poster SF P009, A Doua Conferință Națională de "Științe Aplicate în Studiul Mediului Înconjurător și Materialelor" cu Participare Internațională, Târgoviște, 28-30 aprilie 2010, Abstract Book p.18
43. A. Pantelica, M. Gugu, C. Ciorte, A. Ene, A. Enulescu, D. Dumitriu, D. Fluerașu, PIXE analysis of environmental samples using Si(Li) and HPGe detectors, A Doua Conferință Națională de "Științe Aplicate în Studiul Mediului Înconjurător și Materialelor" cu Participare Internațională, Târgoviște 28-30 aprilie 2010, Prezentare orală, secțiunea Științe Aplicate.
44. Ana Pantelica, Antoaneta Ene, Marius Gugu, Constantin Ciorte, Olimpiu Constantinescu, PIXE analysis of some vegetable species, CNF 2010, Conferință Națională de Fizică - Iași 23-25 septembrie 2010, Sect. Fizică atomică și moleculară, Invited lecture, FAM I1.

Papers in volumes of national scientific events

1. Ene, A., Besliu, C., Badica, T., Popescu, I.V., Olariu, A., 1998, Analysis of minor elements in steels by measuring the prompt γ -rays from (p,n) reactions, Proceedings of the Scientific Jubilee Session 50 years of Higher Education in Galati, University Dunarea de Jos of Galati, October 23- 24, The Annals of the University Dunarea de Jos of Galati, Fascicle II, Supplement to tome XVI (XXI), 11-14, ISSN 1221-4531.
2. Besliu, C., Olariu, A., Popescu, I., Badica, T., Ene, A., Demirian, D., 1994, Determination of minor and trace elements in iron ores, cast iron, slag and steels by neutron activation, National Physics Conference - Paper Abstracts, Sibiu, September 21-24, p.34.
3. Popescu, I., Badica, T., Besliu, C., Ene, A., Olariu, A., 1995, Determination of oxygen in steels by deuteron - induced prompt gamma-ray spectrometry, National Physics Conference - Paper Abstracts, Baia Mare, November 31- December 02, p.64.
4. Besliu, C., Olariu, A., Ene, A., Popescu, I., Badica, T., Ivanescu Al., 1995, Study of element dispersion and the transfer in siderurgical materials during iron making by thermal neutron activation, National Physics Conference - Paper Abstracts, Baia Mare, November 31- December 02, p.64.
5. Ene, A., Besliu, C., Badica, T., Popescu, I., Olariu, A., 1999, Metoda coincidentelor (n, g) pentru imbunatatirea sensibilitatii analizei elementelor minore in otel prin spectrometria radiatiilor g prompte induse de protoni, Sesiunea Stiintifica Anuala a Facultatii de Fizica Bucuresti dedicata implinirii a 100 de ani de la nasterea Acad. Prof. Dr. Theodor V. Ionescu, 21-22 Mai, Rezumate, p.20.
6. Ene, A., Besliu, C., Olariu, A., Popescu, I., Badica, T., 1999, Analiza prin activare cu neutroni termici a continutului de elemente minore si microelemente a otelurilor, Sesiunea Stiintifica Anuala a Facultatii de Fizica Bucuresti, 21-22 Mai, Rezumate, p.21.
7. Ene, A., Besliu, C., Olariu, A., Badica, T., Popescu, I., Ivanescu, Al., Jianu, D., Stefanescu, L., 2000, Investigation of raw materials and related final products involved in the ironmaking process by thermal neutron activation, National Physics Conf., Constanta, Sept. 21- 23, NPC- Paper Abstracts, Poster P5-S3, p.18.
8. Ene, A., Popescu, I., Besliu, C., Badica, T., Olariu, A., 2000, Analysis of minor elements in steel by coincidence method in deuteron-induced prompt gamma-ray emission (d-PIGE), National Physics Conference, Constanta, September 21- 23, NPC- Paper Abstracts, Oral presentation O4-SB, p. 15.
9. Ene, A., 2005, Quantitative analysis of manganese in steels by measuring the prompt gamma-rays from nuclear reactions, National Conference on Applied Physics, June 3-4, Galati, Section V – Nuclear Physics, Abstract Book ISBN 973-627-228-1, p. 31.
10. Ene, A., 2005, Proton-induced X-ray emission analysis of steel samples, National Conf. on Applied Physics, June 3-4, Galati, Section V – Nuclear Physics, Abstract Book ISBN 973-627-228-1, p. 32.
11. A. Ene, I.V. Popescu, C. Stih, T. Badica, A. Gheboianu, I. Bancuta, G. Dima, Multielemental analysis of metallurgical, environmental and biological samples using PIXE technique, Sesiunea stiintifica „Științe aplicate în studiul mediului înconjurător și materialelor”, 5-6 iunie 2008, Târgoviște, secțiunea 3 - Științe aplicate (Fizica, Chimie, Matematica), Program - p.14
12. A. Ene, I. V. Popescu, T. Badica, C. Stih, A. Gheboianu, PIGE-NAA analysis of minor elements in steels, Sesiunea stiintifica „Științe aplicate în studiul mediului înconjurător și materialelor”, 5-6 iunie 2008, Târgoviște, secțiunea 3 - Științe aplicate (Fizica, Chimie, Matematica), Program - p.14
13. C. Stih, G. Dima, I. V. Popescu, A. Ene, G. Vlaicu, V. Cimpoa, C. Oros, S. Dinu, O. Bute, L. Manea, Water quality monitoring of Ialomita river by AAS, ICP and TDS measurements, Sesiunea stiintifica „Științe aplicate în studiul mediului înconjurător și materialelor”, 5-6 iunie 2008, Târgoviște, secțiunea 3 - Științe aplicate (Fizica, Chimie, Matematica), Program - p.14.
14. A. Ene, Th. Spanos, "Study of distribution and sources of polycyclic aromatic hydrocarbons (PAHs) in topsoils from SE Romania using multivariate statistical analysis", Workshop "Mathematics. Computer Science and Applications", December 6-8, 2012, Galati, Romania, Program and Abstracts, p. 7-8.

**B. Fulfilment of minimum standard conditions for habilitation -
CNATDCU Industrial Engineering and Management Commission**

TABEL SINTETIC

Îndeplinirea criteriilor necesare și obligatorii pentru abilitare în domeniul Inginerie Industrială
(15.09.2016)

Prof. dr. habil. ing. Antoaneta Ene

Domeniul activității	Tipul activității	Restricții		Punctaj / domeniu	
		Impus	Realizat	Impus	Realizat
A1. Activitatea didactică și profesională	Cărți și capitole în cărți de specialitate	Minim 2 în edituri naționale recunoscute CNCSIS ca prim autor (1.1.1.2)	6	130	364,941
	Material didactic	Minim 1 manual ca prim autor (1.2.1)	3		
		Minim 2 îndrumare ca prim autor (1.2.2)	5		
A2. Activitatea de cercetare	Articole în reviste cotate ISI Thomson Reuters și în volume indexate ISI Proceedings*	Minim 8 din care 2 în reviste	28 din care 26 în reviste ISI	230	1243,9
	Articole în reviste și volumele unor manifestări științifice indexate BDI*	Minim 8	31		
	Granturi/proiecte câștigate prin competiție	Minim 2 ca director (2D) / 4 ca responsabil (4R)	8 D + 1 R		
A3. Recunoașterea și impactul activității	-	-		70	1031,33
TOTAL				430	2640,171

* după ultima promovare (2004)