



Europass Curriculum Vitae



Informatii personale

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Nationalitate Romana
Data nasterii 21 Iunie 1971

Experienta profesionala

<i>Perioada</i>	Decembrie 2013 - prezent
<i>Functia sau postul ocupat</i>	Cercetator stiintific gradul I; Sef Departament Cercetare-Dezvoltare si Transfer Tehnologic - Inlocuitor
<i>Activitati si responsabilitati principale</i>	Coordonarea activitatilor din cadrul Departamentului de Cercetare-Dezvoltare si Transfer Tehnologic; Coordonare proiecte/teme de cercetare aplicativa orientata spre mediu si calitatea vietii; Cercetare in domeniul aplicatiilor izotopilor stabili (ex. autentificare alimente/bauturi, hidrologie); monitorizare mediu. Studiul predilect al proceselor de schimb izotopic in interrelatiile dintre factorii abiotici si sistemele vii cu aplicatii directe in stiintele mediului, sanatate si agricultura/siguranta si securitate alimentara; utilizarea componentilor organici in investigarea diferitelor procese din domeniul mediului, agriculturii si produselor alimentare.
<i>Numele si adresa angajatorului</i>	Institutul National de Cercetare-Dezvoltare pentru Tehnologii Criogenice si Izotopice – ICSI Ramnicu Valcea, Str Uzinei nr. 4, 240050 – Ramnicu Valcea, VL, Romania
<i>Tipul activitatii sau sectorul de activitate</i>	Cercetare-Dezvoltare in domeniul aplicatiilor izotopilor stabili
<i>Perioada</i>	Januarie 2009 – Decembrie 2013
<i>Functia sau postul ocupat</i>	Cercetator stiintific gradul II; Sef Departament Cercetare-Dezvoltare si Transfer Tehnologic - Inlocuitor
<i>Activitati si responsabilitati principale</i>	Coordonarea activitatilor din cadrul Departamentului de Cercetare-Dezvoltare si Transfer Tehnologic; Coordonare proiecte/teme de cercetare aplicativa orientata spre mediu si calitatea vietii; Cercetare in domeniul aplicatiilor izotopilor stabili (ex. autentificare alimente/bauturi, hidrologie); monitorizare mediu - extinderea domeniului de aplicatii a izotopilor stabili in autentificarea materiilor prime, cu aplicatie atat in domeniul securitatii alimentare, cat si a protectiei mediului la identificarea surselor de poluare
<i>Numele si adresa angajatorului</i>	Institutul National de Cercetare-Dezvoltare pentru Tehnologii Criogenice si Izotopice – ICSI Ramnicu Valcea, Str Uzinei nr. 4, 240050 – Ramnicu Valcea, VL, Romania
<i>Tipul activitatii sau sectorul de activitate</i>	Cercetare-Dezvoltare in domeniul aplicatiilor izotopilor stabili
<i>Perioada</i>	Februarie 2004 – Ianuarie 2009
<i>Functia sau postul ocupat</i>	Cercetator stiintific gradul III; Sef Departament Cercetare-Dezvoltare si Transfer Tehnologic - Inlocuitor

<i>Activitati si responsabilitati principale</i>	Coordonarea activitatilor din cadrul Departamentului de Cercetare-Dezvoltare si Transfer Tehnologic; Coordonator al proiectului pentru dezvoltarea unei platforme tehnologice pentru hidrogen, pile de combustie și bio-combustibili in Romania; Implicată în cercetarea aplicată orientată spre mediu și calitatea vieții; Altele: analiza nivelului radionuclizilor cu semnificatie radioecologica majora in mediul acvatic; interpretare date; participare la elaborarea unei strategii de investigare a surselor de apa minerala naturala in vederea stabilirii genezei si gradului de protectie la factorii de mediu perturbatori, prin metodologii izotopice; elaborarea unei strategii de monitorizare a calitatii aerului intr-o zona urbana industrializata, utilizand sisteme avansate de analiza, tip GIS; cercetari privind dezvoltarea de celule de combustibil cu hidrogen si membrana schimbatoare de protoni; cercetari privind obtinerea hidrogenului ultrapur pentru aplicatii energetice; extinderea domeniului de aplicatii a izotopilor stabili in autentificarea materiilor prime, cu aplicatie atat in domeniul securitatii alimentare, cat si a protectiei mediului la identificarea surselor de poluare.
<i>Numele si adresa angajatorului</i>	Institutul National de Cercetare-Dezvoltare pentru Tehnologii Criogenice si Izotopice – ICSI Ramnicu Valcea, Str Uzinei nr. 4, 240050 – Ramnicu Valcea, VL, Romania
<i>Tipul activitatii sau sectorul de activitate</i>	Cercetare-Dezvoltare in domeniul aplicatiilor izotopilor stabili
<i>Perioada</i>	Octombrie 2001 – Februarie 2004
<i>Functia sau postul ocupat</i>	Cercetator stiintific gradul III;
<i>Activitati si responsabilitati principale</i>	Cercetare aplicată în domeniul monitorizarii mediului; aplicarea izotopilor stabili in studii hidrologice; modelare GIS
<i>Numele si adresa angajatorului</i>	Institutul National de Cercetare-Dezvoltare pentru Tehnologii Criogenice si Izotopice – ICSI Ramnicu Valcea, Str Uzinei nr. 4, 240050 – Ramnicu Valcea, VL, Romania
<i>Tipul activitatii sau sectorul de activitate</i>	Cercetare-Dezvoltare in domeniul stiintelor ingineresti, aplicatii de mediu
<i>Perioada</i>	Octombrie 2000 - Octombrie 2001
<i>Functia sau postul ocupat</i>	Cercetator stiintific
<i>Activitati si responsabilitati principale</i>	Activități de cercetare în domeniul fiabilității și evaluării riscului pentru instalațiile industriale (ex. instalațiile de apă grea, instalatii criogenie); Manager IT
<i>Numele si adresa angajatorului</i>	Institutul National de Cercetare-Dezvoltare pentru Tehnologii Criogenice si Izotopice – ICSI Ramnicu Valcea, Str Uzinei nr. 4, 240050 – Ramnicu Valcea, VL, Romania
<i>Tipul activitatii sau sectorul de activitate</i>	Cercetare-Dezvoltare in domeniul stiintelor ingineresti, aplicatii de mediu
<i>Perioada</i>	Decembrie 1995 – Octombrie 2000
<i>Functia sau postul ocupat</i>	Inginer Mecanic
<i>Activitati si responsabilitati principale</i>	Activități de cercetare în domeniul fiabilității și evaluării riscului pentru instalațiile industriale (ex. instalațiile de apă grea, instalatii criogenie);
<i>Numele si adresa angajatorului</i>	Institutul National de Cercetare-Dezvoltare pentru Tehnologii Criogenice si Izotopice – ICSI Ramnicu Valcea, Str Uzinei nr. 4, 240050 – Ramnicu Valcea, VL, Romania
<i>Tipul activitatii sau sectorul de activitate</i>	Cercetare-Dezvoltare in domeniul stiintelor ingineresti, aplicatii de mediu; Studiul fiabilitatii sistemelor utilizand diagrame logice (arbori de defectare, arbori de evenimente); Analiza fiabilitatii si disponibilitatii instalatiilor de producere a apei grele; Studii si analize de risc pentru instalatiile de producere a apei grele; Studii privind optimizarea specificatiilor tehnice ale echipamentelor; Colaborari pe probleme de mediu cu Universitatea Tehnica de Constructii Bucuresti, ROMAG Drobeta Turnu Severin, CITON Bucuresti; Autorizarea INC-DTCI - ICSI Rm. Valcea de catre MAPPM pentru efectuarea studiilor de impact asupra mediului si bilanturi de mediu (EIM-2-324/189, BM-3-255 /190, 25.07.1997); Responsabil realizare proceduri de asigurare a calitatii in cadrul INC-DTCI - ICSI Rm. Valcea; Administrare retea de calculatoare INC-DTCI – ICSI Rm. Valcea in perioada martie 2000 – aprilie 2001; Studii privind impactul activitatii industriale asupra mediului; Construire harti digitale; analize GIS.
Educatie si formare	
<i>Perioada</i>	1996 – 2003

Calificarea/diploma obtinuta Doctor in stiinte ingineresti
Discipline principale studiate/competente profesionale Inginerie mecanica/Titulul tezei: " *Contributii privind evaluarea riscului unei instalatii de distilare izotopica a hidrogenului lichid*"
Numele si tipul institutiei de invatamant/furnizorului de formare Universitatea Tehnica de Constructii Bucuresti
Nivelul in clasificarea nationala sau internationala ISCED Nivelul 8 – Doctorat sau nivel echivalent

1998 – 1999

Perioada 1998 – 1999
Calificarea/diploma obtinuta Certificat specializare in Eco-Management
Discipline principale studiate/competente profesionale Discipline in domeniul Eco-Management
Numele si tipul institutiei de invatamant/furnizorului de formare Universitatea Tehnica din Cluj Napoca si Universitatea din Minnesota, SUA
Nivelul in clasificarea nationala sau internationala ISCED Nivelul 5 – Invatamant superior de scurta durata

Perioada septembrie 1989 - iulie 1994

Calificarea/diploma obtinuta diploma de licentiat
Discipline principale studiate/competente profesionale inginerie mecanica, chimie generala, fizica, organe de masini, rezistenta materialelor, matematici speciale, informatica,
Numele si tipul institutiei de invatamant/furnizorului de formare Universitatea Transilvania Brasov, Facultatea de Mecanica
Nivelul in clasificarea nationala sau internationala ISCED Nivelul 6 – Licenta sau nivel echivalent

1984 – 1989

Calificarea/diploma obtinuta Diploma in Electrotehnica
Discipline principale studiate/competente profesionale Stiinte Electrice
Numele si tipul institutiei de invatamant/furnizorului de formare Liceul Industrial Nr. 7, Ramnicu Valcea, Romania.
Nivelul in clasificarea nationala sau internationala ISCED 3 – Invatamant (superior) secundar

Competente personale

Limba materna **Romana**

Alte limbi straine cunoscute

English

French

Intelegere				Vorbire				Scriere	
Ascultare		Citire		Participare la conversatie		Discurs oral			
B2	Utilizator Independent	C2	Utilizator experimentat	B2	Utilizator Independent	B2	Utilizator Independent	B2	Utilizator Independent
B2	Utilizator Independent	B2	Utilizator Independent	B1	Utilizator Independent	B1	Utilizator Independent	A2	Utilizator de baza

(*) [Common European Framework of Reference for Languages](#)

Competente de comunicare

Aptitudini de adaptare si comunicare in diverse medii, dobandite prin participarea la diverse conferinte/workshopuri nationale si internationale, grupuri de lucru in calitate de expert tehnic sau coordonarea directa a unor proiecte si echipe.

Competente organizationale/manageriale

Activitati de management si coordonare proiecte (Anexa 1)
 Membru in organizatii stiintifice nationale si internationale

Competente dobândite la locul de muncă

Cunostinte profesionale ridicate in domeniul autentificarii originii prin utilizarii izotopilor stabili sau a altor markeri;
Competenta in domeniul analizei de risc si fiabilitate pentru instalatii industriale; interpretare date izotopice - izotopilor stabili;
Modelare GIS; Alte programe - geo-informatica (ArcView GIS si programare Avenue), soft risk (ex. HAZMAN)
Analiza financiara proiecte de cercetare.
Utilizare suport IT (Windows, Word, Excel, Power Point, Internet& Comunicatii) pentru stocarea, prelucrarea si analiza datelor.
Competentele tehnice au fost dobândite cu ocazia cursurilor universitate, si a specializarilor in diverse domenii, prin realizarea diferitelor lucrari in domeniul protectiei mediului, proiecte nationale si prin participarea la cursuri si instruirii.

Informatii suplimentare

Statut social:

Casatorita; 2 copii

Afilieri:

- Membru al Societatii Europene de Fizica
- Membru al Societatii Romane de Fizica
- Membru fondator al Aliantei pentru hidrogen si pile de combustie (H2FC-RO) – 2005;
- Membru fondator al Asociatiei pentru Energia Hidrogenului din Romania, infiintata in 2012
- Membru al Societatii Europene pentru Cercetarea Izotopilor (ESIR)

Cursuri de specializare post-universitare:

- Curs specializare “Manager”, organizat de Extreme Training Bucuresti, in 2017.
- Scoala de vara “Computational and Experimental Simulation of Combustion & Multi-Phase Flows in Advanced Energy Systems”, organizat de Sakarya University, Turcia, in 2004
- Curs specializare “ArcView pentru avansati”, organizat de Geosystems Romania SRL, in 2001
- Curs specializare “Introducere in ArcView GIS”, organizat de Geosystems Romania SRL, in 2001
- Studii program postuniversitar in Eco-Management – organizat de Universitatea Tehnica Cluj-Napoca si Universitatea din Minnesota, Hubert H. Humphrey Institute of Public Affairs (USA), perioada 1998-1999.

Altele:

Presedinte al Societatii Europene pentru Cercetarea Izotopilor (ESIR) in perioada 2015-2017

Membru in Advisory Board al Societatii Europene pentru Cercetarea Izotopilor (ESIR) in perioada 2015-2019

Expert tehnic in grupul de lucru “isotopic measurements” al European Reference Centre for Control in the Wine Sector – ERC-CWS network (in perioada 2015-2018);

Reprezentant al Romaniei in grupul reprezentantilor Statelor Membre pentru FCH-JTI (Hydrogen and Fuel Cell - Joint Technology Initiative) – 2008;

Membru al IP X-Cutting Group (strategy implementation group of the European Platform for Hydrogen and Fuel Cells in Europe - 2006;

Secretar al Consiliului Stiintific al ICSI Rm. Valcea (Mai 2004 – Noiembrie 2012);

Vice-presedinte al Consiliului Stiintific al ICSI Rm. Valcea (Noiembrie 2012 - prezent).

Annexes

Anexa 1: Experienta acumulata in proiecte de cercetare

Anexa 2: Brevete

Anexa 3: Carti / capitole publicate

Anexa 4: Lista de lucrari publicate relevante

Anexa 5: Premii

Annex 1: Experienta acumulata in proiecte de cercetare

Programul/Proiectul	Funcția	Perioada
Proiect PN – “Cercetari privind dezvoltarea de metode analitice avansate de investigare a produselor alimentare ecologice de origine vegetala sau animala”	Persoana cheie - Participare realizare proiect	2018
Proiect PN – “Evaluarea impactului deversarilor de ape uzate asupra mediului prin investigatii analitice avansate bazate pe tehnici nucleare si conexe”	Persoana cheie - Participare realizare proiect	2018
Proiect PNIII – “Abordări analitice alternative pentru detectarea falsificării mierii cu accent pe compușii săi biologice active”	Persoana cheie - Participare realizare proiect	2017-2019
Proiect PN – “Cercetari avansate privind autentificarea originii produselor alimentare, în scopul de a implementa metodologii de amprentare inovatoare - accent pe produsele pe bază de fructe”	Persoana cheie - Participare realizare proiect	2016-2017
Proiect PN – “Evaluarea impactului diferitelor ecosisteme asupra izotopilor stabili și compoziției multi-element a plantelor - Cercetări privind variabilitatea geo-sezoniera”	Persoana cheie - Participare realizare proiect	2016-2017
Proiect COST - EU Framework Programme Horizon 2020- FA 1403 - POSITIVE : “Interindividual variation in response to consumption of plant food bioactives and determinants involved”	Coordonator echipa ICSI	2015
Proiect PN – “Cercetări privind dezvoltarea unor metode analitice avansate pentru investigarea profilului compozițional al produselor cu matrice complexă”	Persoana cheie - Participare realizare proiect	2013-2014
Proiect PN – “Cercetări suport privind aplicarea investigațiilor multielement și multi-izotopice în stabilirea de markeri de origine pentru trasabilitatea produselor alimentare”	Persoana cheie - Participare realizare proiect	2013-2014
Proiect PN – “Cercetări privind caracterizarea și autentificarea produselor naturale pe baza evaluării profilului lor proteic”	Persoana cheie - Participare realizare proiect	2013
Proiect PN – “Cercetari privind aplicarea metodelor de analiza izotopica si multi-element in vederea definirii autenticitatii si clasificarii geografice a vinurilor romanesti”	Responsabil proiect	2009 - 2011
Proiect PNII - „Definirea profilului aromatic al vinurilor din soiuri autohtone prin tehnici izotopice IRMS si gaz cromatografice, ca element de autentificare a acestor produse pe piata europeana”	Coordonator proiect	2008 - 2010
Proiect PNII – “Trasabilitatea alimentelor utilizand metode izotopice. Studiu de caz: mierea si vinul (IZOTRAS)”	Responsabil proiect	2008 - 2010
Proiect CNCSIS – “Studii de optimizare a membranelor polimerice schimbatoare de protoni din pilele de combustie cu electrolit solid”	Coordonator proiect	2007 - 2008
PNCDI II - „Miniinstalatie de producere a energiei din surse regenerabile. Aplicatie pentru microunitati si ansambluri rezidentiale”	Participare realizare proiect	2007 - 2010
PNCDI II - "Sistem informatic fuzzy de simulare si evaluare a scenariilor de risc tehnologic si ecologic si a modurilor de actiune in contextul schimbarilor climatice"	Participare realizare proiect	2007 - 2010
PNCDI II - “Evaluarea si managementul zgomotului ambiental si a calitatii aerului intr-o arie pilot, periurbana, in interiorul careia exista mari obiective industriale si artere de trafic”	Participare realizare proiect	2007 - 2010
Proiect IMPACT - “Studiu de fezabilitate pentru Centrul National pentru Hidrogen si Pile de Combustie”	Coordonator proiect	2006
Proiect CEEEX – Modul I – “Nanostructuri de materiale complexe, metal-semiconductor-dielectric, cu eficienta cantica optimizata la interactia cu radiatia solara – NANOLAYSOL”	Responsabil proiect	2006 - 2008
Proiect CEEEX – Modul I – “Cercetari asupra dinamicii schimburilor de carbon intre atmosfera si biosfera terestra si a impactului lor asupra climei si mediului inconjurator”	Responsabil proiect	2006 - 2008
Proiect CNCSIS - “Dezvoltarea unui model de calcul pentru managementul termic si al apei intr-o celula de combustibil cu membrana schimbatoare de protoni”	Coordonator proiect	2006 - 2007
Proiect PN - “Implementarea metodelor de analiza prin GC/MS a urmelor de pesticide si analiza izotopica a apei potabile, in vederea consolidarii aquis-ului comunitar de mediu in Romania”	Coordonator proiect	2006 - 2008

Programul/Proiectul	Funcția	Perioada
Proiect PN - "Analiza și optimizarea pilelor de combustie de tip PEM din punct de vedere constructiv și al managementului apei – caldurii utilizând programul specializat Fluent"	Participare realizare proiect	2006 - 2008
Proiect CEEX-Modul I - "Managementul termic și al apei pentru sisteme de pile de combustie de tip PEM"	Participare realizare proiect	2006 - 2008
Proiect CEEX-Modul III - „Promovarea și susținerea integrării cercetării românești în domeniul conversiei energiei din surse noi și regenerabile în programul Platformei Tehnologice Europene de Hidrogen și Pile de Combustie”	Coordonator proiect	2006 - 2008
Proiect CEEX-Modul III - „Promovarea integrării colectivelor de cercetare românești din domeniul tehnologiilor pe baza de hidrogen și celulelor de combustie în programe de cercetare dezvoltate sub egida Platformei Tehnologice Europene pentru Hidrogen” - EuRogrove	Participare realizare proiect	2006 - 2008
Proiect CEEX – Modul I - "Dezvoltarea și implementarea de noi soluții în vederea îmbunătățirii performanțelor pilelor de combustie cu membrana schimbătoare de protoni"	Participare realizare proiect	2005 - 2008
Proiect CEEX-Modul III - „Promovarea participării la programe europene de cercetare în domeniul hidrogenului și pilelor de combustie”	Responsabil proiect	2005-2007
Proiect Plan Sectorial - „Dezvoltarea platformelor integrate de cercetare pentru domeniul energetic”	Coordonator proiect	2004 - 2005
Proiect AGRAL - "Dezvoltarea și implementarea de noi tehnici de analiză izotopică pentru îmbunătățirea serviciilor de analiză și control din industria viticolă în vederea alinierii la cerințele impuse de UE"	Coordonator proiect	2004 - 2006
Proiect PN – "Sistem informațional pentru luarea deciziilor destinate creșterii siguranței în exploatarea instalațiilor de separare a izotopilor hidrogenului"	Participare realizare proiect	2003 - 2005
Proiect PN – "Dezvoltarea unui sistem de procesare și extracție a hidrogenului pur – analiză proceselor fizico-chimice implicate în vederea optimizării unui sistem compact la scară redusă"	Participare realizare proiect	2003 - 2005
Proiect PN – "Permeabilitatea izotopilor hidrogenului prin membrane metalice și nonmetalice microporoase"	Coordonator proiect	2003 - 2005
Proiect CERES – "Analiză teoretică și experimentală privind producerea de izotopi ai hidrogenului prin procese de permeație și difuzie termică"	Coordonator proiect	2003 - 2005
Proiect CERES – "Analiză teoretică a separării izotopice prin filtrare cuantică pentru diferite materiale compozite"	Participare realizare proiect	2003 - 2005
Proiect MENER – "Cercetări privind prezența gaz-hidraților în Marea Neagră și evaluarea importanței lor economice"	Responsabil proiect	2002 - 2005
Proiect MENER – "Tehnologie de conversie și stocare a energiei utilizând celule de combustibil cu hidrogen, pentru telecomunicații"	Coordonator proiect	2002 - 2004
Proiect MENER – "Sistem integrat de producere a energiei electrice pe baza de celule cu combustibil de hidrogen și membrana schimbătoare de protoni"	Participare realizare proiect	2001 - 2004
Proiect MENER – "Determinarea nivelului radionuclizilor cu semnificație radioecologică majoră în mediul acvatic și dezvoltarea unui model izotopic hidrodinamic pe baza utilizării tritiului și C14 ca radiotrasori, în vederea evaluării impactului radioecologic asupra populației"	Participare realizare proiect	2001 - 2004
Proiect MENER – "Sistem GIS de monitorizare a calității aerului și de evaluare a inventarului de gaze toxice într-o zonă urbană"	Coordonator proiect	2001 - 2004
Proiect RELANSIN – "Elaborarea unei strategii de investigare a surselor de apă minerală în vederea stabilirii genezei și gradului de protecție la factorii de mediu perturbatori prin metodologii izotopice"	Participare realizare proiect	2001 - 2002
Proiect RELANSIN – "Evaluarea riscului în stocarea și transportul substanțelor periculoase – factor primordial în prevenirea și reducerea poluării mediului"	Participare realizare proiect	2000 - 2002
B4 C573/2000 "Elaborarea unui model de decizie pentru evaluarea impactului de mediu generat de activități nucleare"	Participare realizare proiect – Responsabil etapă	2000 - 2002
C92/1996 "Metode de evaluare a riscului în fabricile de apă grea"	Participare realizare proiect – Responsabil etapă	1996 - 1999

Brevete

1. „Fuel cell assembly with proton exchange membrane”, authors: Dumitru Mirica, Mihai Culcer, Laurentiu Patularu, Ionete (Lazar) Roxana Elena, Ebrasu (Stoenescu) Daniela, Ioan Stefanescu, Vasile Stanciu; Patent nr. 123422/30.03.2012
2. „Procedure for isotopic fingerprinting of flavour compounds in liquid samples, in particular wine”, authors Ionete R.E., Popescu R., Costinel D., Stefanescu I., patent accorded by the Resolution 3/173 of 29/07/2016 issued by OSIM.

Cereri de brevete:

1. RO129019-A2/2013 “Flowmeter for biphasic solid-liquid mixture of cryogenic fluid in particular nitrogen and hydrogen”, authors: Eusebiu Ilarian Ionete, Roxana Elena Ionete, Bogdan Monea
2. RO129629-A2/2014 “Mixing device for miscible liquids, includes outer coating and number of minimum two interior cylindrical elements, arranged in regular geometrical form, having orifices with covered heads”, authors: Eusebiu Ilarian Ionete, Roxana Elena Ionete, Bogdan Monea

1. Violeta Niculescu, Nadia Paun, **Roxana Elena Ionete**, chapter “The evolution of polyfenols from grapes to wines” autori, in “Grapes and Wines – Advances in production, processing, analysis and valorization”, Editura Intech, book edited by António M. Jordão, ISBN: 978-953-51-3834-1, Print ISBN: 978-953-51-3833-4, DOI: 10.5772/68059, Published: February 28, 2018
2. Rodica Sturza, Boris Gaina, **Roxana Elena Ionete**, Diana Costinel, Monografia “Autenticitatea si inofensivitatea produselor uvologice. Metode de analiza si prevenire a contaminarii” (in Romanian), Universitatea Tehnica a Moldovei – Chisinau, Tipogr. MS Logo. 264 p., 2017, ISBN 978-9975-3175-2-8
3. Cezara Voica, Andreea Maria Iordache, **Roxana Elena Ionete**, Ioan Ștefănescu , chapter “Aspects on the Accumulation of Trace Metals in Various Environmental Matrices (Water, Soil, Plant and Sediments). Case Study on Catchment Area of the Somes River, Romania.” in "Water Quality" Ed. InTech, book edited by Hlanganani Tutu, ISBN 978-953-51-2882-3, Print ISBN 978-953-51-2881-6, Published: January 18, 2017.
4. Violeta Niculescu, **Roxana Elena Ionete**, Mihai Anghel, Chapter 18. “The Luminescent Solar Concentrators (Lsc) - An Alternative For Renewable Energy”, in “Advances in Energy Research: Energy and Power Engineering”, Nova Science Publishers, Inc. USA, ISBN- 978-1-62257-534-3, 2012
https://www.novapublishers.com/catalog/product_info.php?products_id=36135
5. **Roxana Elena Ionete**, Elena Carcadea, Mihai Culcer - Chapter 17. European Research Environment in the Field of Hydrogen and Fuel Cell, in book “Advances in Energy research: Distributed Generation System integrating Renewable Energy Resources”, Nova Science Publishers, Inc. USA, pages 7x10(NBC-C), ISBN: 978-1-612099-910-0, 2012
https://www.novapublishers.com/catalog/product_info.php?products_id=22516
6. Ioan Stefanescu, Mihai Culcer, Mihai Varlam, **Roxana Elena Ionete**, Vasile Stanciu, Elena Carcadea, Mariana Ilescu, Adrian Enache, Mircea Raceanu, Laurentiu Patularu, Daniela Ebrasu, Vasile Tanislav - Book “Fuel Cells – Between Theory and Practice” (in Romanian), Ed. CONPHYS, Rm. Valcea, 2010, ISBN 978-973-750-197-4
7. **Roxana Elena Ionete**, Elena Carcadea, Mihai Culcer - Chapter 17. European Research Environment in the Field of Hydrogen and Fuel Cell, in book “Complex Behaviour of the Distributed Generation System: Intelligent Management of the Renewable Energy Resources for assuring the DG System Power Quality and a Sustainable Development”, Publishing house of the University of Pitești, 2010, Pitești, ISBN 978-606-560-128-4 (hardcover), ISBN 978-606-560-129-1 (e-book).
8. **Roxana Elena Ionete**, Eusebiu Ilarian Ionete, Elena Carcadea, Ioan Stefanescu - Book “Technological risk. Risk assessment aspects for liquid hydrogen isotopic distillation facilities” (in Romanian), Ed. CONPHYS, 2009, ISBN 978-973-750-147-9
9. Elena Carcadea, Horia Ene, Bogdan Nicusor Niculescu, **Roxana Elena Ionete**, Ioan Stefanescu - Book “Fluid dynamics modeling in fuel cells with proton exchange membrane” (in Romanian), Ed. CONPHYS, 2009, ISBN 978-973-750-146-2
10. **Roxana Elena Lazar (Ionete)**, Ioan Stefanescu, Vasile Stanciu - Chapter “Evaluating the potential development of Romanian research in new and renewable energy sources. National Platform for Hydrogen and Fuel Cells”, in Monography “European Research Strategy for hydrogen production and fuel cells” (in Romanian), Ed. CHIMINFORM DATA, 2005, ISBN 973-87023-8-0
11. Iosif Tripsa, Daniela Mihailescu, **Roxana Elena Lazar (Ionete)**, Ioan Stefanescu, Vasile Stanciu - Monography “Implementation Strategy for hydrogen and fuel cells in the European economy” (in Romanian), Ed. CHIMINFORM DATA, 2005, ISBN 973-87023-7-2
12. Mihai Culcer, **Roxana Elena Lazar (Ionete)**, Adrian Badea - Chapter “Producing energy using fuel cells” in Volume - Fuel Cells (in Romanian), vol. 1, pg. 41-60, Ed. Universul Energiei, 2005, ISBN 973-86948-7-6
13. Stoenescu Daniela, **Roxana Elena Lazar (Ionete)** - Chapter “Hydrogen and its applications in energetic. Production, purification, storage and safety” in Volum Biofuels (in Romanian), vol. 2, pg. 95-128, Ed. Universul Energiei, 2005, ISBN 973-86948-7-6

Lucrari publicate in reviste indexate in Thomson Reuters Master Journal List (ex-ISI Master Journal List) cu factor de impact (IF):

1. Elisabeta-Irina Geană, Claudia Sandru, Vasile Stanciu, **Roxana Elena Ionete** - Elemental profile and $^{87}\text{Sr}/^{86}\text{Sr}$ isotope ratio as fingerprints for geographical traceability of wines: An approach on Romanian wines, *Food Analytical Methods* 10 (1): 63-73 (2017) (IF/2016: 2.038).
2. Oana Romina Botoran, Raluca Popescu, Diana Costinel, **Roxana Elena Ionete** - O–H–C stable isotopes as discriminant markers for fruits botanical origin, *Journal of Biotechnology*, vol. 256, p. S104, Elsevier, (2017) (FI/2016: 2.599)
3. Raluca Popescu, Oana Romina Botoran, Diana Costinel, Felicia Bucura, **Roxana Elena Ionete**, Anca Scutelnicu, Mihai Botu - Comparing hazelnut (*Corylus avellana* L.) cultivars using NMR, C/H/N analysis and $\delta^{13}\text{C}$ -IRMS, *Journal of Biotechnology*, vol. 256, p. S104, Elsevier, (2017) (FI/2016: 2.599)
4. Diana Costinel, **Roxana Elena Ionete**, Oana Romina Botoran, Raluca Popescu, Irina Elisabeta Geana - Stable isotopes (O–H–C)–Optimum markers in protecting designation of origin (PDO) and geographical indication (PGI) of Romanian wines, *Journal of Biotechnology*, vol. 256, p. S73, Elsevier, (2017) (FI/2016: 2.599)
5. Diana Costinel, **Roxana Elena Ionete**, Oana Romina Botoran, Raluca Popescu, Galia Butnaru - Effect of water deuterium content on plants development, *Journal of Biotechnology*, 231, pp.S82-S83. (2016) Supplement- selected pp. S1-S110 (10 August 2016) Abstracts of European Biotechnology Conference, Latvia, 05–07 May 2016 (FI/2015: 2.667)
6. Oana Romina Botoran, **Roxana Elena Ionete**, Diana Costinel, Raluca Popescu, Elisabeta-Irina Geana, Marius Miricioiu - Influence of climate and origin on the isotopic and elemental profile of fruits, *Journal of Biotechnology*, 231, pp.S77-S78. (2016) Supplement- selected pp. S1-S110 (10 August 2016) Abstracts of European Biotechnology Conference, Latvia, 05–07 May 2016 (FI/2015: 2.667)
7. Silviu-Laurentiu Badea, Violeta Carolina Niculescu, **Roxana-Elena Ionete**, Ethel Eljarrat - Advances in enantioselective analysis of chiral brominated flame retardants. Current Status, Limitations and Future Perspectives, *Science of the Total Environment* (2016), vol. 566-567, pp.1120-1130 <http://dx.doi.org/10.1016/j.scitotenv.2016.05.148> (IF/2015: 3.976)
8. Oana Romina Dinca, **Roxana Elena Ionete**, Diana Costinel, Irina Elisabeta Geana, Raluca Popescu, Ioan Stefanescu, Gabriel Lucian Radu - Regional and vintage discrimination of Romanian wines based on elemental and isotopic fingerprinting, *Food Analytical Methods*, vol. 9, pp. 2406-2417 (2016) DOI: 10.1007/s12161-016-0404-y, (IF/2015: 2.167)
9. Elisabeta Irina Geana, Raluca Popescu, Diana Costinel, Oana Romina Dinca, Ioan Stefanescu, **Roxana Elena Ionete**, Camelia Bala - Verifying the red wines adulteration through isotopic and chromatographic investigations coupled with multivariate statistic interpretation of the data, *Food Control*, Vol. 62, pages 1-9, 2016, (IF/2015: 3.388)
10. Elisabeta Irina Geana, Raluca Popescu, Diana Costinel, Oana Romina Dinca, **Roxana Elena Ionete**, Ioan Stefanescu, Victoria Artem, Camelia Bala - Classification of red wines using suitable markers coupled with multivariate statistic analysis, *Food Chemistry* 192:1015–1024, 2016, doi:10.1016/j.foodchem.2015.07.112, (IF/2015: 4.052)
11. Popescu Raluca, Geana Elisabeta Irina, Dinca Oana Romina, Sandru Claudia, Costinel Diana, **Ionete Roxana Elena** - Characterization of the Quality and Floral Origin of Romanian Honey, *Analytical Letters*, Volume: 49, Issue: 3, Pages: 411-422, Special Issue: SI, Published: Feb 11 2016, DOI: 10.1080/00032719.2015.1057830, ISSN: 0003-2719 (Print), 1532-236X (Online), scor relativ de inflenta: 0.53713, impact factor: 1.031
12. Elisabeta Irina Geana, Raluca Popescu, Diana Costinel, Oana Romina Dinca, **Roxana Elena Ionete**, Ioan Stefanescu, Victoria Artem, Camelia Bala - Classification of red wines using suitable markers coupled with multivariate statistic analysis, *Food Chemistry*, Volume 192, 31 July 2016, pp. 1015-1024, ISSN: 0308-8146, scor relativ de inflenta: 2. 641, Impact factor 2014/2015: 3.391, doi:10.1016/j.foodchem.2015.07.112
13. Oana Romina Dinca, **Roxana Elena Ionete**, Diana Costinel, (...), Ioan Stefanescu, Gabriel Radu - Regional and Vintage Discrimination of Romanian Wines Based on Elemental and Isotopic Fingerprinting, *Food Analytical Methods*, 3 February 2016, Pages 1-12, ISSN: 1936-9751, DOI: 10.1007/s12161-016-0404-y, scor relativ de inflenta: 1.242, Impact factor 2014/2015: 1.956
14. Elisabeta Irina Geana, Raluca Popescu, Diana Costinel, Oana Romina Dinca, Ioan Stefanescu, **Roxana Elena Ionete**, Camelia Bala - Verifying the red wines adulteration through isotopic and chromatographic investigations coupled with multivariate statistic interpretation of the data, *Food Control*, doi:10.1016/j.foodcont.2015.10.003, Volume 62, April 2016, Pages 1-9, ISSN: 0956-7135, scor relativ de inflenta: 2.041, Impact factor 2014/2015: 2.806
15. Cezara Voica, **Roxana Elena Ionete**, Monica Culea, Sonia Suvar, Andreea Maria Iordache - Assessment of trace elements in fish tissue as tool for monitoring pollution in the aquatic ecosystem, *Chemicke Listy*. ISSN: 1213-7103 (online), 0009-2770 (printed) - Czech Chem. Soc, Symp, Ser 13, pp. 78-80, (2015) factor de impact/2014: 0.272
16. Geana Elisabeta-Irina, Sandru Claudia, Dinca Oana, Miricioiu Marius, **Ionete Roxana Elena** - Elemental profile and Sr isotope ratio as fingerprints for geogra-phical traceability of Romanian wines, 2015, *Journal of Food Processing and Technology*, ISSN: 2157-7110, Volume 6, Issue 9, pag. 78, Impact Factor: 2.53
17. Popescu, Raluca, Mimmo, Tanja, Dinca, Oana Romina, Capici, Calogero, Costinel, Diana, Sandru, Claudia, **Ionete, Roxana Elena**, Stefanescu, Ioan, Axente, Damian - Using stable isotopes in tracing con-taminant sources in an industrial area: A case study on the hydrologi-cal basin of the Olt River, Romania, 2015, *Science of the Total Environment*, Volume: 533, Pages: 17-23, 2015, impact factor: 4.099, scor relativ de inflenta: 1.68551, DOI: 10.1016/ j.scitotenv.2015.06.078
18. Elisabeta-Irina Geana, Oana Dinca, **Roxana Elena Ionete**, Artem Victoria, Violeta Niculescu - Monitoring trans-resveratrol in grape berry skins during ripening and in corresponding wines by HPLC, *Food Technology and Biotechnology*, 2015, 53(1):73-80. (FI 2013: 0.977) Doi: 10.17113/ftb.53.01.15.3762

19. Raluca Popescu, Diana Costinel, Oana Romina Dinca, Adrian Marinescu, Ioan Stefanescu, **Roxana Elena Ionete***, Discrimination of vegetable oils using NMR spectroscopy and chemometrics, *Food Control*, 2015, vol. 48, pp. 84-90, DOI: 10.1016/j.foodcont.2014.04.046, (IF/2013 = 2.819)
20. **Roxana Elena Ionete**, Raluca Popescu, Diana Costinel - An isotopic survey of some mineral water resources in the Carpathian chain (Romania), *Environmental Engineering and Management Journal*, 2015, vol. 14, issue 10, pg. 2445-2456 (IF 2014: 1.065)
21. Oana-Romina Dinca, **Roxana Elena Ionete***, Raluca Popescu, Diana Costinel, Gabriel-Lucian Radu - Geographical and botanical origin discrimination of Romanian honey using complex stable isotope data and chemometrics, *Food Analytical Methods* (2015), 8(2):401-412, DOI:10.1007/s12161-014-9903-x (IF 2013: 1.802).
22. Raluca Popescu, Diana Costinel, **Roxana Elena Ionete*** & Damian Axente - Isotopic fingerprint of the middle Olt River basin, Romania, *Isotopes in Environmental and Health Studies*, (2014) vol. 50, issue 4, pag. 461-474, DOI:10.1080/10256016.2014.959443. (impact factor 2013:1.257)
23. Elisabeta-Irina Geana, Diana Costinel, Adrian Marinescu, **Roxana Elena Ionete**, Camelia Bala - Characterization of Wine by trans-Resveratrol Concentration: a Case Study of Romanian Varieties, *Analytical Letters*, 2014, Volume 47, Issue 10, Pages 1737-1746, DOI: 10.1080/00032719.2014.883521, (IF/2013 = 0,982, scor relativ de influenta 0.415)
24. E.I. Ionete S.M. Iordache, A.M. Iordache, **Roxana Elena Ionete**, A. Salceanu, C. Nichita, B. Dobrica, I. Stamatina - Cryogenic sensor with carbon nanotubes, *Digest Journal of Nanomaterials and Biostructures* Vol. 9, No. 2, April – June 2014, p. 511 – 517 (IF 2013: 1.123)
25. Elisabeta-Irina Geana, Adrian Marinescu, Andreea Iordache, Claudia Sandru, **Roxana Elena Ionete**, Camelia Bala - Differentiation of Romanian Wines on Geographical Origin and Wine Variety by Elemental Composition and Phenolic Components, *Food Analytical Methods*, 2014, vol.7, issue 10, pages: 2064-2074 (IF 2013: 1.802) DOI 10.1007/s12161-014-9846-2
26. Raluca Popescu, Diana Costinel, **Roxana Elena Ionete***, Diana Stegarus - Aroma profile of young wines from ten native and foreign varieties grown in Romania, *Revista de Chimie*, 2014, Vol. 65, Nr. 2, pg. 168-173 (IF/2013 = 0.677)
27. Eusebiu Ilarian Ionete, Bogdan Monea, Christoph Plusczyk, **Roxana Elena Ionete** - Geographical origin identification of Romanian wines by ICP-MS elemental analysis, *Fusion Engineering and Design*, 2013, vol. 88 (9-10), pp. 2235-2239 (IF/2012 = 0,842; scor relativ de influenta 0.84334)
28. Elisabeta-Irina Geana, Andreea-Maria Iordache, **Roxana Elena Ionete**, Adrian Marinescu, Aurora Ranca, Monica Culea - Geographical origin identification of Romanian wines by ICP-MS elemental analysis, *Food Chemistry*, 2013, vol. 138, issue 2, pp. 1125-1134, ISSN: 0308-8146, (IF/2012 = 3,334; scor relativ de influenta 2.73529)
29. Diana Florescu, Andreea Iordache, Diana Costinel, Elena Horj, **Roxana Ionete**, Monica Culea - Validation procedure for assessing the total organic carbon in water samples, *Romanian Journal of Physics*, 2013, Volume 58, No. 1-2, ISSN: 1221-146X (IF/2012 = 0.526)
30. Dana Alina Magdas, Stela Cuna, Gabriela Cristea, **Roxana Elena Ionete***, Diana Costinel – „Stable isotopes determination in some Romanian wines”, *Isotopes in Environmental and Health Studies*, 48 (2), pp. 345-353, 2012, DOI:10.1080/10256016.2012.661731, IF = 0.967 (JCR 2010), relative influence score 0.76512
31. Diana Costinel, Aurelia Tudorache, **Roxana Elena Ionete**, Raluca Vremera - “The impact of grape varieties to wine isotopic characterization” – in “Analytical Letters” Volume 44, Issue 18, 2011 (FI/2010: 0.920, relative influence score 0.238), Print ISSN: 0003-2719, Online ISSN: 1532-236X
32. Andreea Iordache, Diana Florescu, **Roxana Ionete**, Monica Culea – „Low-levels specification of elements in drinking waters using ICP-MS” in *Chemicke Listy* nr.105, issue 18, s 1039, 2011, ISSN 1213-7103, 0009-2770 (printed), 1803-2389 (CD-ROM), Brno, Cehia (IF/2010: 0.620, relative influence score 0.24047)
33. Andreea Iordache, Cezara Voica, Diana Florescu, **Roxana Ionete**, Monica Culea – „The potentialities of multi-element composition and ⁸⁷Sr/⁸⁶Sr ratio of wine provenance” - *Chemicke Listy* nr.105, issue 8, s 1038, 2011, ISSN 1213-7103, 0009-2770 (printed), 1803-2389 (CD-ROM), Brno, Cehia (IF/2010: 0.620, relative influence score 0.24047)
34. Diana Florescu, Andreea Iordache, Gili Saros, Felicia Bucura, Marius Constantinescu, **Roxana Ionete**, Monica Culea – „Investigation and monitoring of ambient pollutants of atmosphere from in situ collected samples in an industrial area” - *Chemicke Listy*, nr.105, issue 8, s 985, 2011, ISSN 1213-7103, 0009-2770 (printed), 1803-2389 (CD-ROM), Brno, Cehia (IF/2010: 0.620, relative influence score 0.24047)
35. Diana Florescu, Andreea Iordache, Elena Horj, **Roxana Ionete**, Claudia Sandru, Monica Culea – „Trace of heavy metals in fish tissues, sediment and water from Danube river in Romania” - *Chemicke Listy*, nr.105, issue 8, s 984, 2011, ISSN 1213-7103, 0009-2770 (printed), 1803-2389 (CD-ROM), Brno, Cehia (IF/2010: 0.620, relative influence score 0.24047)
36. Diana Florescu, Andreea Iordache, Elena Horj, **Roxana Ionete**, Ioan Stefanescu, Monica Culea – „SIM-GC/MS determination of BTEX in ambient air” - *Chemicke Listy* nr.105, issue 8, s 984, 2011, ISSN 1213-7103, 0009-2770 (printed), 1803-2389 (CD-ROM), Brno, Cehia (IF/2010: 0.620, relative influence score 0.24047)
37. Elena Carcadea, D. B. Ingham, I. Stefanescu, **Roxana Elena Ionete**, H. Ene - “The influence of permeability changes for a 7-serpentine channels PEM fuel cell performance” - in *International Journal of Hydrogen Energy*, volume 36, Issue 16, p.10376-10383, Aug. 2011, ISSN: 0360-3199, Imprint: ELSEVIER doi:10.1016/j.ijhydene.2010.09.050, (FI/2010: 4.053, relative influence score 0.725)
38. Raluca Vremera, Diana Costinel, **Roxana Elena Ionete**, Gheorghe Titescu - “Overview on Dioxins and Furans Atmospheric Emissions in Romania” - in *Environmental Engineering and Management Journal*, Volume:10, Issue: 2, pages: 241-250, Published: FEB 2011, Publisher: Gh. Asachi Technical Univ. Iasi, 71 Mangeron Blvd., Iasi, 700050, Romania, Subject Category: Environmental Sciences, IDS Number: 754BR, ISSN: 1582-9596 (FI/2010: 1.435, relative influence score 0.057)
39. Irina Geana, Andreea Iordache, Cezara Voica, **Roxana Elena Ionete** – „Comparison of Three Digestion Methods for Heavy Metals Determination in Soils And Sediments Materials by ICP-MS Technique” - in *Asian Journal of Chemistry*, Volume 23, issue 12, 5213-5216 (2011), ISSN: 0970-7077, IF/2010: 0.247, relative influence score 0.11144

40. Diana Florescu, **Roxana Elena Ionete**, Claudia Sandru, Andreea Iordache, Irina Geana, Gili Saros – „Optimal measurements of surface water pollution – case study on southern-east part of Romania” - in *Asian Journal of Chemistry*, Volume 23, issue 12, 5209-5212 (2011), ISSN: 0970-7077, IF/2010: 0.247, relative influence score 0.11144
41. Elisabeta Irina Geana, **Roxana Elena Ionete**, Aurelia Tudorache, Rodica Pasa, Elena Postolache, Aurora Ranca – „Phenolic composition of Romanian wines with different geographical origins” - in *Asian Journal of Chemistry*, Volume 23, issue 12, 5197-5201 (2011), ISSN: 0970-7077, IF/2010: 0.247, relative influence score 0.11144
42. Vremera Raluca, Costinel Diana, **Ionete Roxana** – “Isotopic characterization of the major water source of Rm. Valcea area, Romania” - in *Asian Journal of Chemistry*, Volume 23, issue 12, 5202-5204 (2011), ISSN: 0970-7077, IF/2010: 0.247, relative influence score 0.11144
43. D. Florescu, **R.E. Ionete**, C. Sandru, A. Iordache, M. Culea – “The Influence of Pollution Monitoring Parameters in Characterizing the Surface Water Quality from Romania Southern Area” - in “*Romanian Journal of Physics*” (factor de impact 0.340), ISSN 1221-146X, Volume 56, Number 7-8, 2011, Indexed and abstracted in Science Citation Expanded (SciSearch) and Journal Citation Reports/Science Edition
44. Diana Florescu, Andreea Iordache, **Roxana Ionete**, Iuliana Picioarea, Monica Culea – „Physico-chemical Indicators of Surface Water in Optimum Characterization of Environmental Pollution Signature” - Conferinta de Fizica TIM 10 – Universitatea de Vest din Timisoara, *American Institute of Physics* (AIP), proceeding indexat ISI cu factor de impact 0.364/2009 si in Abstract book of the physics conference TIM-10, p. 134, ISBN 978-973-125-323-7
45. Raluca Popescu, Diana Costinel, **Roxana Elena Ionete** - Stable Isotopes Distribution in the Olt Valley Rivers - Conferinta de Fizica TIM 10 – Universitatea de Vest din Timisoara, *American Institute of Physics* (AIP), proceeding indexat ISI cu factor de impact 0.364/2009 si in Annals of the West University of Timisoara, Physics Series
46. Elena Carcadea, H. Ene, D. B. Ingham, **Roxana Elena Lazar (Ionete)**, L. Ma, M. Pourkashanian, I. Stefanescu - “A computational fluid dynamics analysis of a PEM fuel cell system for power generation” - in *International Journal of Numerical Methods for Heat & Fluid Flow*, Volume 17 Number 3; 2007, pp. 302-312, ISSN: 0961-5539 (cotat ISI – factor de impact 0,563), Emerald Group Publishing Limited; Database: Compendex and Inspec – 2008 Elsevier Inc.
47. Elena Carcadea, H. Ene, D.B. Ingham, **Roxana Elena Lazar (Ionete)**, L. Ma, M. Pourkashanian, I. Stefanescu - “Numerical Simulation of Mass and Charge Transfer for a PEM fuel cell” – in *International Communications in Heat and Mass Transfer*, ISSN 0735-1933 (cotat ISI – factor de impact 1.117), vol. 32, issue 10, pg. 1273 – 1280, Ed. Elsevier, November 2005.

Lucrari publicate in reviste indexate in Thomson Reuters Master Journal List (ex-ISI Master Journal List) fara factor de impact sau indexate in alte baze de date internationale:

1. Marius Constantinescu, Felicia Bucura, Roxana Elena Ionete, Anca Zaharioiu, Corina Ciucure, Simona Oancea - Sewage sludge eliminating by capitalizing on its energy potential, *Energy and Clean Technologies*, Volume 17 Issue 43, 2017, pag. 767 – 774, indexat ISI
2. Diana Stegăruș, Ecaterina Lengyel, Roxana Elena Ionete - The influence of fermentation temperature in ester accumulation in wines originating from the wine field of Apoldu de Jos, Romania, *International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM*, vol. 17, issue 61, 2017, pp. 1137-1144
3. Violeta Niculescu, Marius Miricioiu, Roxana Elena Ionete, Ramona Zgavarogea - An overview of mesoporous adsorbents for food industry wastewater treatment, *International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM* 1 (3), pp. 25-32, 2015 indexat ISI
4. R. Zgavarogea, V. Niculescu, C. Sandru, M. Miricioiu, R. Ionete - Monitoring the wastewater from food processing, *International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM* 1 (3), pp. 461-468, 2015, indexat ISI
5. Oana-Romina Dinca, Sorin Ovidiu Ursu, Diana Costinel, Raluca Popescu, Marius Gheorghe Miricioiu, Gabriel-Lucian Radu, Daniela Valentina Popa, Constantin Baduca Campeanu, Roxana Elena Ionete - Samburesti wines characterization in terms of their stable isotope content, *U.P.B. Sci. Bull., Series B*, 2015, Vol. 77, Issue 4, pg. 177-188, ISSN 1454-2331, indexat ISI
6. Cezara Voica, Roxana Elena Ionete, Sonia Suvar, Monica Culea, Andreea Maria Iordache - Assessment of trace elements in fish tissues as tool for monitoring pollution in the aquatic ecosystem, *Czech Chem. Soc. Symp. Ser.* 13, 45–162 (2015), pg. 78 -80; ISSN 2336-7202 (Print), ISSN 2336-7210 (On-line)
7. Sonia Suvar, Andreea Maria Iordache*, Cezara Voica, Roxana Elena Ionete, Ramona Bleiziffer and Monica Culea - Comparison of nutrients composition of some vegetable oils, *Chemiche Listy, Czech Chem. Soc. Symp. Ser.* 13, 45–162 (2015), pg. 146 -148; ISSN 2336-7202 (Print), ISSN 2336-7210 (On-line)
8. Florescu Diana, Iordache Andreea, Picioarea Iuliana, Ionete Roxana Elena - “Assessment of heavy metals contents in soil from an industrial plant of southern part of Romania” - in *Advances in Environmental Sciences - International Journal of the Bioflux Society* vol. 3(2):206-210, 2011, indexed ISI and CNCSIS B+; Online ISSN 2065-7647; Printed ISSN 2066-7620, <http://www.aes.bioflux.com.ro/home/volume-3-2-2011/>
9. Aurora Ranca, Victoria Artem, Petru Bolos, Aisel Galip, Roxana Elena Ionete, Irina Geana - “Modern methods for identification of synthetic dyes used in counterfeit wines” - in *Bulletin USAMV Horticulture*, 67(1)/2010, Print ISSN 1843-5254, Electronic ISSN 1843-5394, (CNCSIS B+, cod 862), indexed in ISI Proceedings (web of Knowledge), CAB Abstract, EBSCO, inclusa in ISI Master Journal List
10. Irina Geana, Roxana Elena Ionete, Aurelia Tudorache, Rodica Pasa, Elena Postolache, Aurora Ranca - “Phenolic composition of Romanian wines with different geographical origins” - in *Bulletin USAMV Horticulture*, 67(1)/2010, Print ISSN 1843-5254, Electronic ISSN 1843-5394, (CNCSIS B+, cod 862), indexat in ISI Proceedings (web of Knowledge), CAB Abstract, EBSCO, inclusa in ISI Master Journal List

11. Andreea Iordache, Claudia Sandru, Irina Geana, Levente Bara, Roxana Elena Ionete, Monica Culea - "Metal Concentrations in Sediment and Fish from Topalu Area" - in Bulletin USAMV Animal Science and Biotechnologies, 67(1-2)/2010, Print ISSN 1843-5262, Electronic ISSN 1843-536X, (CNCSIS B+, cod 468)
12. Andreea Iordache, Irina Geana, Elena Horj, Codrean Pop, Roxana Elena Ionete - "Determination of metals content from wines by inductively coupled plasma mass spectrometry" - in Bulletin USAMV Agriculture, 67(2)/2010, Print ISSN 1843-5246, Electronic ISSN 1843-5386, (CNCSIS B+, cod 485)
13. Andreea Iordache, Claudia Sandru, Irina Geana, Levente Bara, Roxana Ionete, Monica Culea - „Metal Concentrations in Sediment and Fish from Topalu Area” – in Bulletin of USAMV, Cluj-Napoca, Agriculture, vol.67(1-2) 459-460, 2010, ISSN 1843-5262, Electronic ISSN 1843-536X, (CNCSIS B+, cod 468)
14. Andreea Iordache, Irina Geana, Elena Horj, Codrean Pop, Roxana Ionete - „Determination of metals content from wines by inductively coupled plasma mass spectrometry” – in Bulletin of USAMV, Cluj-Napoca, Agriculture, vol.67,(2) 500-510, 2010, ISSN 1843-5246, Electronic ISSN 1843-5386, (CNCSIS B+, cod 485, cited in Thompson BDI).
15. Diana Florescu, Gili Saros, Claudia Sandru, Roxana Ionete - "Soil sediments aspects from an industrial plant of southern area of Romania" - Accepted for publishing in "Advances in Environmental Sciences - International Journal of the Bioflux Society" (AES BIOFLUX), indexat ISI si cota CNCSIS B+, Online ISSN 2065-7647; Printed ISSN 2066-7620.
16. Diana Costinel, Roxana Elena Lazar, Raluca Vremera - "Romanian wines characterization with isotopic analysis, in concordance with the Europeans standard" - in Studia Universitatii Babes-Bolyai, Geologia, 2007, vol. 52, issue 1, ISSN 1221-0803, indexata ISI (categoria B+), cod 521; <http://bioge.ubbcluj.ro/studia>

Lucrari publicate in volume/reviste indexate BDI indexed

1. Roxana Elena Ionete, Oana Romina Dinca, Elisabeta Irina Geana, Diana Costinel - Macro- and microelements as possible markers of quality and authenticity for fruits and derived products, Progress of Cryogenics and Isotopes Separation, Volume 19, issue 1/2016
2. Popescu Raluca, Botoran Oana, Costinel Diana, Ionete Roxana Elena - Assessing the authenticity of vinegar by combined ²H-SNIF-NMR and ¹³C-IRMS analysis, Progress of Cryogenics and Isotopes Separation, Volume 19, issue 1/2016
3. Elisabeta-Irina Geană, Roxana-Elena Ionete, Violeta Niculescu, Victoria Artem, Aurora Ranca - Changes of polyphenolic content in skins of different grapes cultivars during ripening, Progress of Cryogenics and Isotopes Separation, Volume 19, issue 2/2016
4. Oana-Romina Dinca, Roxana Elena Ionete, Diana Costinel, Raluca Popescu, Marius Gheorghe Miricioiu, Ioan Stefanescu, Gabriel-Lucian Radu - Evaluating the origin of honey by stable isotopes ratio (C and N) using multivariate statistical analysis, Progress of Cryogenics and Isotopes Separation vol. 18(1), 2015, pp. 73-88
5. Violeta Niculescu, Irina Geană, Nadia Păun, Roxana Ionete, Diana Stegăruș - Spectrophotometric techniques used for monitoring food additives – An overview, Progress of Cryogenics and Isotopes Separation, Vol. 17(2), Year: 2014, pp. 63-72, ISSN 1582-2575
6. Elisabeta-Irina Geană, Roxana Elena Ionete, Alexandru Ciocarlan, Aculina Aricu, Ala Fulga, Nicon Ungur, Marina Podogova, Diana Nikolaeva - HPLC determination of oleanolic and ursolic acid in apples and apple pomace, Progress of Cryogenics and Isotopes Separation, Vol. 17(2), Year: 2014, pp. 53-62, ISSN 1582-2575
7. Raluca Popescu, Oana-Romina Dincă, Diana Costinel, Roxana Elena Ionete - Spirits classification using ¹H NMR and chemometrics, Progress of Cryogenics and Isotopes Separation, Vol. 17(2), Year: 2014, pp. 35-41, ISSN 1582-2575
8. Diana Costinel, Roxana Elena Ionete, Oana-Romina Dincă, Raluca Popescu, Elisabeta-Irina Geană - IRMS methods for assessing the quality and origin of honey using $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ isotopic fingerprints, Progress of Cryogenics and Isotopes Separation, Vol. 17(2), Year: 2014, pp. 25-34, ISSN 1582-2575
9. Adriana Marinoiu, Elena Carcadea, Roxana Ionete, Mircea Raceanu, Claudia Cobzaru, Ioan Iordache, Constantin Teodorescu, Adrian Enache, Mihai Varlam - Carbon dioxide reusing for methane fuel obtaining over heterogeneous catalysts as a possible source of energy, Progress of Cryogenics and Isotopes Separation, Vol. 17(1), Year: 2014, pp. 23-30, ISSN 1582-2575
10. Ionete Roxana Elena, Dinca Oana Romina, Tamaian Radu, Geana Irina-Elisabeta - Exploring Apis Mellifera Venom Compounds using Highly Efficient Methods, Progress of Cryogenics and Isotopes Separation, Vol. 16(2), Year: 2013, pp. 97-108, ISSN 1582-2575
11. Geana Irina-Elisabeta, Sandru Claudia, Ionete Roxana Elena - Optimized method for analyzing the mineral content of honey, Progress of Cryogenics and Isotopes Separation, Vol. 16(2), Year: 2013, pp. 89-96, ISSN 1582-2575
12. Claudia Sandru, Elena David, Raluca Popescu, Roxana Elena Ionete - Determining Ammonium and Nitrate Pollution of the Olt River Basin in Rm. Valcea Industrial Area, Progress of Cryogenics and Isotopes Separation, Vol.16(1), Year: 2013, pp. 81-88, ISSN 1582-2575
13. Oana Romina Dinca, Roxana Elena Ionete, Diana Costinel - "Wine quality assurance using mass spectrometry techniques" in „Progress of Cryogenics and Isotopes Separation”, vol. 15 issue 1/2012, CNCSIS, ISSN 1582-2575, pp. 97-110, CNCSIS C, ISSN 1582-2575
14. Diana Bociu, Ecaterina Lengyel, Roxana Ionete - "Physicochemical and microbiological characteristics of Brancoveanu, Gura Minei and Ocnita lakes, as representative for the lacustrine complex from Ocnă Sibiului" in Progress of Cryogenics and Isotopes Separation”, vol. 15 issue 1/2012, CNCSIS, ISSN 1582-2575, pp. 93-96, CNCSIS C, ISSN 1582-2575
15. Mariana Iliescu, Mihai Varlam, Roxana Elena Ionete, Mihai Culcer, Mihai Balan - Experiments regarding the effects of isotopic separation in PEM electrolyzers, Progress of Cryogenics and Isotopes Separation, vol. 15 issue 2/ 2012, pp. 41-46, ISSN 1582-2575
16. Irina Geana, Raluca Popescu, Diana Costinel, Roxana Elena Ionete - An overview of chromatography techniques for petroleum hydrocarbons chemical fingerprinting, Progress of Cryogenics and Isotopes Separation, vol. 15 issue 2/2012, pp. 19-24, ISSN 1582-2575

17. Costinel Diana, Geana Irina, Ionete Roxana, Dinca Oana - Compound-specific carbon isotope analysis of polycyclic aromatic hydrocarbons using gas chromatography combustion isotope ratio mass spectrometry GC-C-IRMS, *Progress of Cryogenics and Isotopes Separation*, vol. 15 issue 2/2012, pp. 9-18, ISSN 1582-2575
18. Diana Florescu, Roxana Ionete, Felicia Bucura, Marius Constantinescu, Gili Saros - Detailed Characterization and Profiles of Ambient Atmosphere Monitoring Using Automatic Techniques from in Situ Collected Samples, *Progress of Cryogenics and Isotopes Separation*, ISSN: 1582-2575, Volume 15, issue 2/2012, pp. 47-54
19. Elisabeta-Irina Geana, Andreea-Maria Iordache, Gili Saros, Roxana-Elena Ionete – “Determination of some polycyclic aromatic hydrocarbons in surface water of Valcea county” – in „*Progress of Cryogenics and Isotopes Separation*”, vol. 14 issue 2/2011, p. 81-88, CNCSIS C, ISSN 1582-2575
20. A. Ranca, V. Artem, A. Galip, R. E. Ionete*, I. Geana, C. Savin, R. Pasa, A. Vasile – „Practical Analytical Tools for Assessing the Addition of Synthetic Dyes in Wines” – in „*Progress of Cryogenics and Isotopes Separation*”, vol. 14 issue 2/2011, p. 149-164, CNCSIS C, ISSN 1582-2575
21. Diana Costinel, Roxana Elena Ionete*, Raluca Popescu – “Environmental Isotopes in Hydrological Investigation at Raureni-Valcea Area” – in „*Progress of Cryogenics and Isotopes Separation*”, vol. 14 issue 1/2011, p. 121-126, CNCSIS C, ISSN 1582-2575
22. Elisabeta-Irina Geana, Andreea-Maria Iordache, Roxana-Elena Ionete* - “Assessing the Wine Anthocyanin Profile for Red Grape Varieties Identification” – in „*Progress of Cryogenics and Isotopes Separation*”, 14 issue 1/2011, p. 127-133, CNCSIS C, ISSN 1582-2575
23. Raluca Popescu, Diana Costinel, Roxana Elena Ionete, C. Samoilescu, Ioan Stefanescu – “Organic Components Determination in Paintings Using GC/MS” – in „*Progress of Cryogenics and Isotopes Separation*”, 14 issue 1/2011, p. 95-99, CNCSIS C, ISSN 1582-2575
24. Andreea Iordache, Geana Irina, Roxana Ionete, Monica Culea – „The optimization of the method for metals content determination in Romanian wines by ICP-MS after microwave mineralization” – in „*Progress of Cryogenics and Isotopes Separation*”, 13 (1)/2010, p. 137-145, CNCSIS C, ISSN 1582-2575
25. Costinel Diana, Ionete Roxana Elena, Vremera Raluca, Stefanescu Ioan – „Assessing wine quality using isotopic methods” – in „*Progress of Cryogenics and Isotopes Separation*, vol. 13, issue 1/2010, pg. 149-156, ISSN 1582-2575, CNCSIS C 619
26. Raluca Vremera, Diana Costinel, Roxana Elena Ionete, C. Jong Soo – „Addition of Synthetic Aromas to Wine - Considerations Regarding the Detection” – in „*Progress of Cryogenics and Isotopes Separation*, vol. 13, issue 2/2010, pg. 109-114, ISSN 1582-2575, CNCSIS C 619
27. Carcadea, Elena; Stefanescu, Ioan; Ionete, Roxana E.; Ene, Horia; Ingham, Derek B.; Ma, Lin - “PEM fuel cell geometry optimisation using mathematical modeling” - in “*The International Journal of Multiphysics*”, Volume 2, Number 3, October 2008 , pp. 313-326(14), ISSN 1750-9548; Editor: Multi-Science Publishing Co Ltd
28. Diana Costinel, Roxana Elena Ionete, Raluca Vremera, Vasile Stanciu - “High-Precision ¹³C and ¹⁸C Measurements by Continuous Flow-Isotope Ratio Mass Spectrometry (CF-IRMS) in Romanian Wines Characterization” - in „*Progress of Cryogenics and Isotopes Separation*”, vol.21+22/2008, pag. 12 – 17, ISSN 1582-2575, cod CNCSIS 619 – categoria C
29. Elena Carcadea, D.B.Ingham, I. Stefanescu, Roxana Ionete, H. Ene, B. Nicolescu - “Parameters that Influence the PEM Fuel Cell Performance” - in „*Progress of Cryogenics and Isotopes Separation*”, vol.21+22/2008, pag. 31 – 37, ISSN 1582-2575, cod CNCSIS 619 – categoria C
30. Diana Florescu, Gili Saros, Roxana Ionete, Vasile Stanciu - “Greenhouse Gases Effects on Global Warming” - in „*Progress of Cryogenics and Isotopes Separation*”, vol.21+22/2008, pag. 38 – 41, ISSN 1582-2575, cod CNCSIS 619 – categoria C
31. Raluca Vremera, Diana Costinel, Andreea Iordache, Roxana Elena Ionete - “The Analysis of Volatile Organic Compounds in Gaseous and/or Solid Samples” - in „*Progress of Cryogenics and Isotopes Separation*”, vol.21+22/2008, pag. 65 – 70, ISSN 1582-2575, cod CNCSIS 619 – categoria C
32. Roxana Elena Lazar, Ioan Stefanescu – “Development trends in the field of hydrogen. National Center for Hydrogen and Fuel Cells” (in Romanian) - in „*Stiinta Moderna si Energia – Producerea, Transportul si Utilizarea Energiei*”, 2008, ISBN 973-751-215-4; 978-973-751-215-4, Ed. RISOPRINT cod CNCSIS 178
33. Laurentiu Patularu, Daniela Ebrasu, Ioan Stefanescu, Roxana Elena Ionete, Mihai Culcer, Vasile Stanciu, Elena Carcadea, Dumitru Mirica, Gabriel Rasoi – “PEM fuel cells design and manufacturing in ICSI Rm. Valcea” - in „*Progress of Cryogenics and Isotopes Separation*”, vol.19+20/2007, pag. 28 – 37, ISSN 1582-2575, cod CNCSIS 619 – categoria C
34. Elena Carcadea, H. Ene, D.B. Ingham, Roxana Elena Ionete, I. Stefanescu, V. Stanciu, L. Patularu - “Investigation of Transport Phenomena in a 7-Serpentine Channel PEM Fuel Cell” - in „*Progress of Cryogenics and Isotopes Separation*”, vol.19+20/2007, pag. 63 – 67, ISSN 1582-2575, cod CNCSIS 619 – categoria C
35. Elena Carcadea, Ioan Stefanescu, Roxana Elena Lazar (Ionete), Vasile Stanciu - “A review of water and heat management for PEM fuel cells” - in “*Energia Nucleara*”, vol. 18/Nr. 1-2/2006, pag. 41- 43, ISSN 1220-5508, International Nuclear Information System (INIS) Database
36. Mihai Culcer, Mariana Iliescu, Ioan Stefanescu, Mircea Raceanu, Adrian Enache, Roxana Elena Lazar (Ionete) - “Testing system for a fuel cells stack” - in „*Progress of Cryogenics and Isotopes Separation*”, vol.17+18/2006, pag. 49 – 51, ISSN 1582-2575, cod CNCSIS 619 – categoria C, International Nuclear Information System (INIS) Database
37. Roxana Elena Lazar (Ionete), Ioan Stefanescu, Vasile Stanciu – “Steps towards a hydrogen economy” (in Romanian) - in „*Stiinta Moderna si Energia – Producerea, Transportul si Utilizarea Energiei*”, 2006, pag. 212 – 226, ISBN 973-751-215-4; 978-973-751-215-4, Ed. RISOPRINT cod CNCSIS 178
38. Laurentiu Patularu, Mirica Dumitru, Ioan Stefanescu, Lazar (Ionete) Roxana, Daniela Stoenescu – “Electricity production based on PEM fuel cell” (in Romanian) - in „*Stiinta Moderna si Energia – Producerea, Transportul si Utilizarea Energiei*”, 2006, pag. 179 – 185, ISBN 973-751-215-4; 978-973-751-215-4, Ed. RISOPRINT cod CNCSIS 178
39. Elena Carcadea, Ioan Stefanescu, Roxana Elena Lazar (Ionete), Horia Ene – “Mathematical modeling of PEM fuel cell in order to optimize fuel cells system performance” (in Romanian) - in „*Stiinta Moderna si Energia – Producerea, Transportul si Utilizarea Energiei*”, 2006, pag. 92 – 103, ISBN 973-751-215-4; 978-973-751-215-4, Ed. RISOPRINT cod CNCSIS 178

40. Daniela Stoenescu, Mihai Culcer, Ioan Stefanescu, Vasile Stanciu, Roxana Elena Lazar (Ionete), Laurentiu Patularu, Mariana Iliescu, Gabriel Rasoi – “Optimization of catalyst used for PEM fuel cell anode achievement” (in Romanian) - in „Stiinta Moderna si Energia – Producerea, Transportul si Utilizarea Energiei”, 2006, pag. 39 – 49, ISBN 973-751-215-4; 978-973-751-215-4, Ed. RISOPRINT cod CNCISIS 178.
41. Elena Carcadea, Ioan Stefanescu, Horia Ene, Derek B. Ingham, Roxana Elena Lazar (Ionete) - “Computational Model of a PEM Fuel Cell with Serpentine Gas Flow Channels” - in „Progress of Cryogenics and Isotopes Separation”, vol.17+18/2006, pag. 49 – 51, ISSN 1582-2575, cod CNCISIS 619 – categoria C.
42. Roxana Elena Lazar (Ionete), Ioan Stefanescu, Vasile Stanciu – “Steps towards a hydrogen economy (I)” (in Romanian) - in “Instalatorul”, Cluj Napoca, nr.11/2006, ISSN 1223-7418; cod CNCISIS 326 – categoria C.
43. Roxana Elena Lazar (Ionete), Ioan Stefanescu, Vasile Stanciu – “Steps towards a hydrogen economy (II)” (in Romanian) - in “Instalatorul”, Cluj Napoca, nr.12/2006, ISSN 1223-7418; cod CNCISIS 326 – categoria C.
44. Ioan Stefanescu, Roxana Elena Lazar (Ionete), Vasile Stanciu – “Development of research technology platform for hydrogen and fuel cells in Romania” (in Romanian) - in Revista “Instalatorul”, Cluj Napoca, nr.4/2005, ISSN 1223-7418; cod CNCISIS 326 – categoria C.
45. Roxana Elena Lazar (Ionete), Mihai Culcer, Mariana Iliescu, Marian Curuia, Daniela Stoenescu, Laurentiu Patularu, Elena Carcadea, Vasile Stanciu, Ioan Stefanescu – “Developing a Hydrogen and Fuel Cells Integrated R&D Platform in Romania” - in “Energia Nucleara”, vol. 17/Nr. 1-2/2005, pag. 33-35, ISSN 1220-5508.
46. I. Stefanescu, D. Stoenescu, L. Patularu, M. Culcer, Roxana Elena Lazar (Ionete), M. Varlam, E. Carcadea, D. Mirica - „Experimental – Demonstrative system for energy conversion using hydrogen fuel cell – preliminary results” – in „Energia Nucleara”, vol.16, 1-2/2004, pag. 43 – 44, ISSN 1220-5508.
47. M. Culcer, D. Stoenescu, L. Patularu, D. Mirica, Roxana Elena Lazar (Ionete), M. Varlam, E. Carcadea, I. Stefanescu - “Energy Conversion using Hydrogen PEM Fuel Cells” - in „Progress of Cryogenics and Isotopes Separation”, vol.13+14/2004, pag. 49 – 51, ISSN 1582-2575, cod CNCISIS 619 – categoria C.
48. Ioan Stefanescu, Daniela Stoenescu, Laurentiu Patularu, Mihai Culcer, Roxana Elena Lazar (Ionete), Mihai Varlam, Elena Carcadea, Dumitru Mirica – “Experimental and demonstration system energy conversion using hydrogen based fuel cells-preliminary results” (in Romanian) - in „Stiinta Moderna si Energia”, 2004, pag. 137 – 146, ISBN 973-656-660-9, Ed. RISOPRINT cod CNCISIS 178.
49. Roxana Elena Lazar (Ionete), Dumitru Steflea, Elena Carcadea, Mihai Varlam - "Sistem GIS de monitorizare a calitatii aerului si de evaluare a inventarului de gaze toxice pentru o zona urbana", Revista Energetica nr.2, 2002

Lucrari publicate in proceedingurile unor conferinte nationale/internationale

1. Raluca Popescu, Oana Romina Botoran, Felicia Bucura, Diana Costinel, Roxana Elena Ionete si Mihai Botu - Comparing walnut (*Juglans regia* L.) cultivars using NMR, C/H/N analysis and ¹³C-IRMS, 31st EFFOST International Conference, Food Science and Technology Challenges for the 21st Century - Research to Progress Society, 13-16.11.2017, Sitges Spania
2. Radu Tamaian, Oana Romina Botoran, Roxana Elena Ionete - Typing and chemometrics of monofloral honey varieties by MALDI-TOF mass spectrometry, A 16-a editie a Simpozionului International „Prospects for the 3rd Millenium Agriculture”, 28-30 Septembrie 2017
3. Diana Costinel, Roxana Elena Ionete, Oana Romina Botoran, Raluca Popescu, Irina Elisabeta Geana - Use of stable isotopes and chemometric methods as tools for illegal watering detection of wines, Conferinta Internationala Processes in Isotopes and Molecules, Cluj Napoca, 27-29 Septembrie 2017
4. Corina Ciucure, Diana Stegarus, Roxana Elena Ionete - Tracking some emerging environmental contaminants acting as endocrine disruptors, Conferinta Internationala Processes in Isotopes and Molecules, Cluj Napoca, 27-29 Septembrie 2017
5. Diana Stegarus, Corina Ciucure, Roxana Elena Ionete - Tracking some emerging environmental contaminants acting as endocrine disruptors, The 20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), Poiana Brasov, 6-9.09.2017
6. Corina Ciucure, Diana Stegarus, Roxana Elena Ionete - Characterisation of Romanian traditional fruit brandies in terms of their major volatile compounds, The 20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), Poiana Brasov, 6-9.09.2017
7. Raluca Popescu, Oana Romina Botoran, Diana Costinel, Roxana Elena Ionete - Discrimination of fruits by SNIF-NMR and ¹H/¹³C-NMR profiling, 19th Central and eastern European NMR Symposium & Bruker Users’ Meeting, 05-08 Septembrie 2017
8. Diana Stegarus, Corina Ciucure, Roxana Ionete - The influence of fermentation temperature on the accumulation of esters in wines. Case study on wines from the Apoldu de Jos vineyard, Romania, The International Multidisciplinary Scientific GeoConferences SGEM 2017”, 28 June-07 July.2017, Albena, Bulgaria, published in: Conference Proceedings, vol. 17/issue 51 – Advances in Biotechnology, pp. 1137
9. Roxana-Elena Ionete, Diana Costinel, Raluca Popescu, Oana Romina Botoran - The use of stable isotopes in authentication of food, The 14th Workshop of the European Society for Isotopes Research” – ESIR 2017, 25-29 iunie 2017, Baile Govora, Romania
10. Diana Costinel, Roxana-Elena Ionete, Oana Romina Botoran, Raluca Popescu, Radu Tamaian - Influence of deuterium depleted water on organogenesis of plants, The 14th Workshop of the European Society for Isotopes Research” – ESIR 2017, 25-29 iunie 2017, Baile Govora, Romania
11. Oana-Romina Botoran, Roxana-Elena Ionete, Diana Costinel, Raluca Popescu - Application of chemometric techniques in stable isotope evaluation, The 14th Workshop of the European Society for Isotopes Research” – ESIR 2017, 25-29 iunie 2017, Baile Govora, Romania

12. Raluca Popescu, Diana Costinel, Oana-Romina Botoran, Roxana-Elena Ionete - Stable Isotopes Survey of Olt River – Middle Basin (Romania). Attempts on nitrogen source identification in the vicinity of the Ramnicu Valcea Industrial Area, The 14th Workshop of the European Society for Isotopes Research” – ESIR 2017, 25-29 iunie 2017, Baile Govora, Romania
13. Oana-Romina Botoran, Raluca Popescu, Roxana-Elena Ionete, Diana Costinel - O-H-C Stable Isotopes as Discriminant Markers for Fruits Botanical Origin, European Biotechnology Congress, organizat de European Biotechnology Thematik Network Association – EBTNA si Universitatea din Zagreb, 25-27.05.2017, Dubrovnik, Croatia
14. Raluca Popescu, Oana-Romina Botoran, Felicia Bucura, Roxana-Elena Ionete, Diana Costinel, Anca Scutelnicu, Mihai Botu - Comparing Hazelnut (*Corylus avellana* L.) Cultivars Using NMR, C/H/N Analysis and $\delta^{13}\text{C}$ -IRMS, European Biotechnology Congress, organizat de European Biotechnology Thematik Network Association – EBTNA si Universitatea din Zagreb, 25-27.05.2017, Dubrovnik, Croatia
15. Andreea Maria Iordache, Cezara Voica, Ramona Zgavaroagea, Sonia Suvar, Roxana Ionete, Monica Culea - Characterization of Romanian honeys according to their multi-element analysis using ICP-MS technique, 35th Informal Meeting on Mass Spectrometry, 7th-11th May 2017, AUSSOIS, FRANCE
16. Diana Stegarus, Corina Ciucure, Roxana Elena Ionete - Specific methods for detecting and quantifying endocrine disruptors in various environmental samples, The 10th Annual International Conference Sustainable Development through Nuclear Research and Education”, organizata de RATEN ICN Pitești sub auspiciile Academiei Romane, in cooperare cu Universitatea din Pitești si Academia oamenilor de Stiinta, mai 2017
17. Irina Geana, Raluca Popescu, Diana Costinel, Oana Botoran, Roxana Elena Ionete - Overview of analytical tools for wine authentication: a Romanian perspective, „Prospects for the 3rd Millenium Agriculture, 29 Septembrie – 1 Octombrie 2016, Cluj Napoca
18. Radu Tamaian, Oana Romina Botoran, Roxana Elena Ionete - Red wine cultivars typing & chemometrics by MALDI-TOF mass spectrometry, International Symposium "Prospects for the 3rd Millennium Agriculture”, University of Agricultural Sciences and Veterinary Medicine ClujNapoca, Romania; 29th September - 1st October 2016
19. Diana Costinel, Roxana Elena Ionete, Oana Romina Botoran, Raluca Ppopescu, Irina Elisabeta Geana - Oxygen isotope ratios in the ethanol and water of Romanian wines as approach in improving the assessment of ethanol origin and illegal watering, The Fourth Edition of International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences ” IC-ANMBES 2016”, June 29th - July 1st, 2016, Brasov, Romania
20. Roxana Elena Ionete, Diana Ionela Stegarus, Oana Romina Dinca, Claudia Sandru, Elisabeta Irina Geana, Diana Costinel - Characterisation and classification of wines from some grape varieties grown in Romania: An approach based on metals and phenolic compounds, The Fourth Edition of International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences ” IC-ANMBES 2016” June 29th - July 1st, 2016, Brasov, Romania
21. Oana-Romina Botoran, Roxana Elena Ionete, Diana Costinel, Raluca Popescu, Ioan Stefanescu, Gabriel-Lucian Radu - Assessing the Traceability and Authenticity of Fruit Juices in terms of Isotopic Fingerprinting, 2nd International Conference on Food Safety and Regulatory Measures, 06-08 Iunie 2016, Londra, Anglia, Best poster award
22. Geana Elisabeta-Irina, Botoran Oana-Romina, Ionete Roxana-Elena - Assessment of fruit juice authenticity using organic acids fingerprint, Simpozionul „Chimie și dezvoltare”, Pitești, 13 mai 2016
23. Andreea Maria Iordache, Cezara Voica, Diana Costinel, Roxana Elena Ionete, Monica Culea - Investigation of heavy metal content of aromatic plants used as condiments, 34th Informal Meeting on Mass Spectrometry, 14-18 Mai 2016, Fiera di Primiero, Italia
24. Oana Romina Botoran, Roxana-Elena Ionete, Diana Costinel, Raluca Popescu, Elisabeta-Irina Geana - Influence of climate and origin on the isotopic and elemental profile of fruits, European Biotechnology Congress, 05-07 Mai 2016, Riga – Letonia, publicare in Journal of Biotechnology (FI 3.34)
25. Diana Costinel, Roxana Elena Ionete, Oana Romina Botoran, Raluca Popescu and Gallia Butnaru - Effect of water deuterium content on plants development, European Biotechnology Congress, 05-07 Mai 2016, Riga – Letonia, publicare in Journal of Biotechnology (FI 3.34)
26. Claudia Sandru, Roxana Ionete, David Elena, Vasile Stanciu, Felicia Bucura, Marius Constantinescu - Olt River Water Quality Monitoring in terms of its Physico-Chemical Features and Water Quality Index, Nuclear 2016, the 9th Annual International Conference on Sustainable Development through Nuclear Research and Education 18-20 Mai 2016, Pitesti
27. Corina Ciucure, Diana Stegarus, Roxana Elena Ionete, Claudia Sandru - Monitoring of Olt River in Terms of Quality Classification, Based on Physicochemical and Bacteriological Indicators, Nuclear 2016, The 9th Annual International Conference on Sustainable Development through Nuclear Research and Education 18-20 Mai 2016, Pitesti
28. Elisabeta-Irina Geană, Roxana Elena Ionete, Alexandru Ciocârlan, Aculina Arîcu, Nina Ciocârlan - Evaluation of ursolic and oleanolic acids in some medicinal plant sources, a 3-a intrunire a grupurilor de lucru ale proiectului COST Action Positive, la Universitatea de Stiinte Agronomice si Medicina Veterinara din Bucuresti, in perioada 15-17 Martie 2016
29. Elisabeta-Irina Geană, Roxana Elena Ionete, Victoria Artem - Trans-resveratrol in grape berry skins and wines, a 3-a intrunire a grupurilor de lucru ale proiectului COST Action Positive, la Universitatea de Stiinte Agronomice si Medicina Veterinara din Bucuresti, in perioada 15-17 Martie 2016
30. Cezara Voica, Andreea Maria Iordache, Roxana Ionete si Monica Culea - Characterization of Romanian honeys according to their multi-element analysis using ICP-MS, 10th biennial International Conference on Processes in Isotopes and Molecules (PIM 2015), 23-25 Septembrie 2015, Book of Abstract, pg. 21
31. Mihaela Begea, Iuliana Barbulescu, Simona Marinescu, Oana Dinca, Roxana Elena, Radu Tamaian - Peptide mass fingerprinting of red wine varieties using a MALDI-TOF mass spectrometry approach, 32nd International Specialized Symposium on Yeasts, Yeasts Biodiversity and Biotechnology in the Twenty-First Century, 13-17 Septembrie 2015, Preugia, Italia, Book of Abstract ISBN 978-88-99407-00-1, pg. 182

32. D. Costinel, R. Elena Ionete, O.R. Dinca, A.M. Iordache, I. Stefanescu - Assessing the influence of ecosystems on stable isotopes and trace elements signature in plants, ESIR Isotope Workshop XIII, European Society for Isotope Research – ESIR September 20 – 24, 2015, Zadar, Croatia, Book of Abstract ISBN 978-953-7941-08-6, pg. 57
33. Voica C., Iordache A.M., Suvar S., Culea M., Ionete R.E. - Study on Metal Contamination in Water, Sediments and Soils Samples from N-W Romania, using ICP-MS, Sixth Meeting on Chemistry and Life, 2 - 4th September 2015, Brno, Czech Republic, Book of Abstracts, ISBN: 978-80-214-5228-2, pag. 77
34. Sonia Suvar, Andreea Maria Iordache, Roxana Ionete si Monica Culea - Comparison of nutrients composition of some vegetable oils, Sixth Meeting on Chemistry and Life, 2 - 4th September 2015, Brno, Czech Republic, Book of Abstracts, ISBN: 978-80-214-5228-2, pag. 109
35. Andreea Maria Iordache, Sonia Suvar, Monica Culea si Roxana Ionete - Determination of the metal content in seafood and fish species from the Romanian market, Sixth Meeting on Chemistry and Life, 2 - 4th September 2015, Brno, Czech Republic, Book of Abstracts, ISBN: 978-80-214-5228-2, pag. 107
36. V.C. Niculescu, M.G. Miricioiu, R. Ionete, R. Zgavarogea - An overview of mesoporous adsorbents for food industry wastewater treatment, 15th International Multidisciplinary Scientific GeoConference SGEM 2015, www.sgem.org, SGEM2015 Conference Proceedings, ISBN 978-619-7105-36-0 / ISSN 1314-2704, June 18-24, 2015, Book3 Vol. 1, 25-32 pp, DOI: 10.5593/SGEM2015/B31/S12.004
37. R. Zgavarogea, V. Niculescu, C. Sandru, M. Miricioiu, R. Ionete - Monitoring the wastewater from food processing, 15th International Multidisciplinary Scientific GeoConference SGEM 2015, www.sgem.org, SGEM2015 Conference Proceedings, ISBN 978-619-7105-36-0 / ISSN 1314-2704, June 18-24, 2015, Book3 Vol. 1, 461-468 pp, DOI: 10.5593/SGEM2015/B31/S12.059
38. Elisabeta-Irina Geana, Claudia Sandru, Oana Romina Dinca, Marius Miricioiu, Roxana Elena Ionete, Analysis of the phenolic compounds, anthocyanins and organic acids as chemical markers for varietal authentication of red wines, *International Conference on Food Safety and Regulatory Measures*, August 17-19, 2015, Birmingham, UK; abstract publicat in *Journal of Food Processing and Technology* 2015, 6:9, <http://dx.doi.org/10.4172/2157-7110.S1.026>
39. Elisabeta Irina Geana, Raluca Popescu, Diana Costinel, Oana Romina Dinca, Ioan Stefanescu, Roxana Elena Ionete, Camelia Bala, Verifying the red wines adulteration through isotopic and chromatographic investigations coupled with multivariate statistic interpretation of the data, East European Congress on Food (NEEFood), Brasov, 20-23 Mai 2015
40. Oana-Romina Dinca, Diana Costinel, Raluca Popescu, Marius Gheorghe Miricioiu, Ioan Stefanescu, Gabriel-Lucian Radu, Roxana Elena Ionete, Progress in discrimination of honey botanical origin by $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ stable isotopes, East European Congress on Food (NEEFood), Brasov, 20-23 Mai 2015
41. Violeta Niculescu, Diana Stegarus, Roxana Ionete, Ramona Zgavarogea - An overview on the analysis methods for Tebuconazole residue in plant matrices, East European Congress on Food (NEEFood), Brasov, 20-23 Mai 2015
42. Popescu Raluca, Ionete Roxana, Costinel Diana, Dinca Oana, Ionita Gheorghe si Damian Axente - Industrial area investigation using stable isotope, Simpozionul International IAEA "Isotope Hydrology" la Viena, Austria, in perioada 11-15 Mai 2015
43. Costinel Diana, Ionete Roxana, Popescu Raluca, Stefanescu Ioan, Dinca Oana si Butnaru Gallia - Stable isotopic fingerprint of water from Vitis Vinifera plants growing in different environmental conditions, Simpozionul International IAEA "Isotope Hydrology" la Viena, Austria, in perioada 11-15 Mai 2015
44. Andreea Maria Iordache, Cezara Voica, Elisabeta Irina Geana, Sonia Suvar, Roxana Elena Ionete, Monica Culea - Assessment of heavy metals in cosmetics products for health impact, 33rd Informal Meeting on Mass Spectrometry (33rd IMMS 2015), Szczyrk, Poland, Book of abstract, ISBN 978-83-940417-1-7, pp.113
45. Ionete Roxana, Costinel Diana, Geana Irina, Dinca Oana, Popescu Raluca, Tamaian Radu, Tehnici analitice avansate de investigare a produselor apicole, Simpozionul National de Apicultura, editia a IV-a, Salvarea Albinei si Apiculturii din Romania", Rm. Valcea, 4-5 aprilie 2015
46. Ramona Zgavarogea, Violeta Niculescu, Claudia Sandru, Roxana Ionete, Iosif Tempea - Wastewater Treatment Plant Monitoring in Terms of Physico-Chemical Indicators, The 19th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), Sibiu, 02-05 September 2015
47. Oana Dinca, Diana Costinel, Raluca Popescu, Marius Miricioiu, Ioan Stefanescu, Gabriel Radu, Roxana Ionete, Progress in Variety and Vintage Authentication of Wines by Stable Isotope Chemometric Approaches, The 19th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), Sibiu, 02-05 September 2015
48. D. Costinel, R.E. Ionete, O.R. Dinca, A.M. Iordache, I. Stefanescu - Elemental and isotopic fingerprinting - analytical tools towards traceability of the plants grown in different ecosystems, at the International Conference „Food Analysis Congress: Safety, Quality, Novel Technologies”, Barcelona, Spain, 29 - 30 October 2014
49. O.R. Dinca, R.E. Ionete, D. Costinel, R. Popescu, I. Stefanescu, G.L. Radu - Application of multivariate analysis using statistical techniques for the prediction of quality and geographic origin of honey, fruit juices and wines, at the International Conference „Food Analysis Congress: Safety, Quality, Novel Technologies”, Barcelona, Spain, 29 - 30 October 2014
50. E.I. Geana, R.E. Ionete, D. Costinel - ICP-MS Determination of Strontium Isotope Ratio in Wine as Tool for Geographical Traceability, 20th Conference “Progress in Cryogenics and Isotopes Separation”, 23-24 October 2014, Calimanesti-Caciulata
51. E.I. Geana, R.E. Ionete, A. Ciocarlan, A. Aricu, A. Fulga, N. Ungur, M. Podogova, D. Nokolaeva, HPLC Determination of Oleanolic and Ursolic Acid in Fresh Apples and Pomace, 20th Conference “Progress in Cryogenics and Isotopes Separation”, 23-24 October 2014, Calimanesti-Caciulata
52. D. Costinel, R.E. Ionete, O.R. Dinca, R. Popescu, E.I. Geana - IRMS Methods for Assurance the Origin of Honey Using $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ Isotopic Fingerprints, 20th Conference “Progress in Cryogenics and Isotopes Separation”, 23-24 October 2014, Calimanesti-Caciulata
53. O.R. Dinca, R.E. Ionete, D. Costinel, R. Popescu, I.E. Geana, I. Stefanescu, G.L. Radu - Evaluation of the Most Effective Combination of Stable Isotopes and Multi-Element Pattern Recognition Techniques with Multivariate Analysis for Honey, Fruit Juices, Vinegar and Wines Botanical And Geographical Origin Discrimination, 20th Conference “Progress in Cryogenics and Isotopes Separation”, 23-24 October 2014, Calimanesti-Caciulata

54. R. Popescu, D. Costinel, O. Dinca, I. Stefanescu, R. E. Ionete - NMR Spectroscopy used in Quantifying Food Components, 20th Conference "Progress in Cryogenics and Isotopes Separation", 23-24 October 2014, Calimanesti-Caciulata
55. E.I. Geana, R. Popescu, D. Costinel, O. R. Dinca, R.E. Ionete - Differentiation of Romanian Wines According to Geographical Origin, Wine Variety and Vintage Using Multivariate Analysis of Natural Chemical Composition Data, 20th Conference "Progress in Cryogenics and Isotopes Separation", 23-24 October 2014, Calimanesti-Caciulata
56. R. Popescu, O.R. Dinca, D.a Costinel, E. Gorincioi, A. Barba, R.E. Ionete - Spirits Classification Using ¹H NMR and Chemometrics, 20th Conference "Progress in Cryogenics and Isotopes Separation", 23-24 October 2014, Calimanesti-Caciulata
57. V. Niculescu, I. Geana, N. Paun, R.E. Ionete, D. Stegarus, Spectrophotometric Techniques Used for Monitoring Food Additives – An Overview, 20th Conference "Progress in Cryogenics and Isotopes Separation", 23-24 October 2014, Calimanesti-Caciulata
58. Marinoiu, E. Carcadea, R.E. Ionete, M. Raceanu, C. Cobzaru, I. Iordache, C. Teodorescu, A. Enache, M. Varlam, Carbon Dioxide Reusing for Methane Fuel Obtaining Over Heterogeneous Catalysts as a Possible Source of Energy, 20th Conference "Progress in Cryogenics and Isotopes Separation", 23-24 October 2014, Calimanesti-Caciulata
59. Roxana Elena Ionete - Contributii la evaluarea si certificarea calitatii si autenticitatii produselor alimentare prin utilizarea izotopilor stabili ca markeri de origine, Forumul Inovarii, 17 Octombrie 2014, Bucuresti
60. Raluca Popescu, Diana Costinel, Oana Dinca, Ioan Stefanescu, Roxana Elena Ionete - Discrimination of Vegetable Oils Using NMR (Nuclear Magnetic Resonance) Spectroscopy, Salonului Cercetării Românești-2014, in perioada 15 -18 Octombrie 2014, Bucuresti
61. Oana-Romina Dinca, Roxana Elena Ionete, Raluca Popescu, Diana Costinel - Tracing the authenticity of honey by isotopic fingerprinting, Salonului Cercetării Românești-2014, in perioada 15 -18 Octombrie 2014, Bucuresti
62. Diana Stegarus, Violeta Niculescu, Claudia Sandru, Roxana Ionete, Ecaterina Lengyel, Ovidiu Tita, Application of Graphite Furnace AAS for Some Transitional Metals Determination in Romanian Wines, a XXXIII Conferinta Nationala de Chimie, cu participare internationala, organizata de Centrul de Cercetare Olthchim, Academia Romana - Sectia de Stiinte Chimice si Societatea de Chimie din Romania, 01-03 octombrie 2014, Calimanesti-Caciulata, Valcea
63. Raluca Popescu, Elena Gorincioi, Alic Barba, Dinca Oana, Diana Costinel, Roxana Elena Ionete, Authentication of Alcoholic Beverages - Measurement of Deuterium Distribution in Ethanol: Comparing Broadband (BBO) NMR Probe and SNIF-NMR Methods, a XXXIII Conferinta Nationala de Chimie, cu participare internationala, organizata de Centrul de Cercetare Olthchim, Academia Romana - Sectia de Stiinte Chimice si Societatea de Chimie din Romania, 01-03 octombrie 2014, Calimanesti-Caciulata, Valcea
64. Elisabeta-Irina Geană, Roxana Ionete, Alexandru Ciocârlan, Aculina Aricu, Ala Fulga, Nicon Ungur, Nina Ciocarlan, RP-HPLC Analysis of Ursolic and Oleanolic Acids in Some Medicinal Plant Sources, a XXXIII Conferinta Nationala de Chimie, cu participare internationala, organizata de Centrul de Cercetare Olthchim, Academia Romana - Sectia de Stiinte Chimice si Societatea de Chimie din Romania, 01-03 octombrie 2014, Calimanesti-Caciulata, Valcea
65. Elisabeta-Irina Geană, Victoria Artem, Violeta Carolina Niculescu, Roxana Elena Ionete- Phenolic Composition of Five Grape Varieties from Murfatlar Vineyard, Romania, a XXXIII Conferinta Nationala de Chimie, cu participare internationala, organizata de Centrul de Cercetare Olthchim, Academia Romana - Sectia de Stiinte Chimice si Societatea de Chimie din Romania, 01-03 octombrie 2014, Calimanesti-Caciulata, Valcea
66. Alexandru Ciocârlan, Aculina Aricu, Ala Fulga, Nicon Ungur, Irina Geană, Roxana Ionete, Nina Ciocarlan, Nicoleta Vornicu - Chemical Composition and Biological Activity of Lavender By-Products, a XXXIII Conferinta Nationala de Chimie, cu participare internationala, organizata de Centrul de Cercetare Olthchim, Academia Romana - Sectia de Stiinte Chimice si Societatea de Chimie din Romania, 01-03 octombrie 2014, Calimanesti-Caciulata, Valcea
67. Niculescu V., Geana I., Ionete R.E., Paun N., Baduca C., Ursu S., Dumitru R. - Comparative study of phenolic content in some Romanian Merlot and Cabernet Sauvignon wines, The 13th International Symposium "Prospects for the 3rd Millenium Agriculture" organizat de Universitatea de Stiinte Agricole si Medicina Veterinara Cluj Napoca, 25-27 septembrie 2014
68. Geana E.I., Iordache A.M., Ionete R.E., Bala C. - Characterization and classification of Romanian wines based on elemental and organic fingerprints coupled with chemometrics, The 13th International Symposium "Prospects for the 3rd Millenium Agriculture" organizat de Universitatea de Stiinte Agricole si Medicina Veterinara Cluj Napoca, 25-27 septembrie 2014
69. Oana Romina Dinca, Roxana Elena Ionete*, Diana Costinel, Raluca Popescu, Irina-Elisabeta Geana, Radu Tamaian, Gabriel Lucian Radu - The use of isotopic and multi-element pattern in the soil-plant system as tool for fruit juices authentication in terms of geographical origin, the XLIII Annual Meeting of the European Society for New Methods in Agricultural Research 3rd- 6th September 2014, Bolzano, Italy. „Best poster award”.
70. D. Stegarus, V. Niculescu, C. Sandru, R. Ionete, I. Stefanescu, O. Tita - Determination of Hazardous levels of Some Metal Ions in Romanian Wines, International Conference on Production Research (ICPR) – International Conference Quality and Innovation in Engineering and Management (AEM) organizata de Univeristatea Tehnica din Cluj Napoca, 01 Iulie – 5 Iulie 2014
71. Oana-Romina Dinca, Roxana Elena Ionete*, Diana Costinel, Raluca Popescu, Irina-Elisabeta Geana, Gabriel-Lucian Radu - Multi-Element and Multi-Isotope Ratio Analysis of Wines for Counterfeiting Detection and Geographical Origin Classification Using Multivariate Statistics, The 3rd International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences "IC-ANMBES 2014", June 13th – 15th, 2014, Brasov, Romania, Book of Abstract – ISSN 2360-3461, Ed. Univ. Transilvania Brasov, acreditata CNCISIS, pg.106
72. Elisabeta-Irina Geana, Oana Romina Dinca, Elena-Roxana Ionete - Organic Acids Profile in Fresh Fruit Juices and Wines by HPLC, The 3rd International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences "IC-ANMBES 2014", June 13th – 15th, 2014, Brasov, Romania, Book of Abstract – ISSN 2360-3461, Ed. Univ. Transilvania Brasov, acreditata CNCISIS, pg.104
73. Elisabeta-Irina Geana, Raluca Popescu, Oana Romina Dinca, Claudia Sandru, Diana Costinel, Roxana Elena Ionete - Characterization and Botanical Classification of Romanian Honeys, The 3rd International Conference on Analytical and

- Nanoanalytical Methods for Biomedical and Environmental Sciences “IC-ANMBES 2014”, June 13th – 15th, 2014, Brasov, Romania, Book of Abstract – ISSN 2360-3461, Ed. Univ. Transilvania Brasov, acreditata CNCISIS, pg.105
74. Alexandru Ciocarlan, Aculina Aricu, Ala Fulga, Roxana Elena Ionete, Irina Geana, Nicon Ungur - HPLC analysis of ursolic and oleanolic acids in some by-products, the International Conference dedicated to the 55th anniversary from the foundation of the Institute of Chemistry of the Academy of Sciences of Moldova, May 28 - 30, 2014, Chisinau, Moldova
 75. Corina Ciucure, Roxana Elena Ionete, Daniela Neamtu, Marius Miricioiu - Application of Polymeric Membranes to Reduce Flue Gases, The 7th Annual International Conference on Sustainable Development through Nuclear Research and Education - NUCLEAR 2014, Mai 28-30, 2014 Pitesti-Mioveni, Romania, Book of Abstract editata de Institutul de Cercetare Nucleara si in CD - ISSN 2066-2955
 76. Cornelia Dostetan Abalaru, Stefan Stangaciu, Irina Elisabeta Geana, Oana Romina Dinca, Roxana Ionete, Radu Tamaian, Caracterizarea principalelor fractii proteice din veninul de albine romanesc cu ajutorul cromatografiei lichide de inalta performanta si a spectrometriei de masa, The VI-th Apitherapy Congress, Expo and Workshop with international participation organized by the Romanian Apitherapy Society, November 1-4, 2013, Bucharest, Romania
 77. Oana Dinca, Roxana Elena Ionete, Raluca Popescu, Radu Tamaian, Diana Costinel, Gabriel Lucian Radu - Fingerprinting analytical strategy used for authentication of honey, 6th International Symposium on Recent Advances in Food Analysis, 5-8 November 2013, Prague, Czech Republic
 78. Raluca Popescu, Diana Costinel, Oana Dinca, Adrian Marinescu, Ioan Stefanescu, Roxana Elena Ionete - Discrimination of vegetable oils using NMR spectroscopy and chemometrics, 6th International Symposium on Recent Advances in Food Analysis, 5-8 November 2013, Prague, Czech Republic
 79. Elisabeta Irina Geana, Diana Costinel, Adrian Marinescu, Roxana Elena Ionete, Camelia Bala - Characterization of Romanian wines by trans-resveratrol content, 6th International Symposium on Recent Advances in Food Analysis, 5-8 November 2013, Prague, Czech Republic
 80. Violeta Niculescu, Irina Geana, Roxana Elena Ionete, Nadia Paun, Viorica Parvulescu - Highly ordered SBA-15 for retention of polyphenols from red wine, 6th International Symposium on Recent Advances in Food Analysis, 5-8 November 2013, Prague, Czech Republic
 81. Raluca Popescu, Diana Costinel, Oana Dinca, Adrian Marinescu, Roxana Elena Ionete - Botanical discrimination of honeys using 1H-13C NMR analysis and chemometrics, at the 19th Conference “Progress in Cryogenics and Isotopes Separation”, Calimanesti-Caciulata, 10-11 October 2013
 82. Irina Elisabeta Geana, Claudia Sandru, Roxana Elena Ionete - Optimization method for analyzing the mineral content of honey, at the 19th Conference “Progress in Cryogenics and Isotopes Separation”, Calimanesti-Caciulata, 10-11 October 2013
 83. Ionete Roxana Elena, Dinca Oana Romina, Tamaian Radu, Geana Irina-Elisabeta - Exploring Apis Mellifera Venom Compounds using Highly Efficient Methods, at the 19th Conference “Progress in Cryogenics and Isotopes Separation”, Calimanesti-Caciulata, 10-11 October 2013
 84. Roxana Elena Ionete, Oana Romina Dinca, Radu Tamaian, Irina Elisabeta Geana - Bee venom characterization by high performance liquid chromatography (HPLC) and MALDI-TOF mass-spectrometry, PIM 2013, Progress in Isotopes and Molecules International Conference, 25-27 September 2013
 85. Raluca Popescu, Diana Costinel, Oana Dinca, Roxana Elena Ionete - Stable isotopes characterization of the Middle Olt River Basin, Tritium Management Workshop, 21.06.2013, Rm. Valcea
 86. Raluca Popescu, Diana Costinel, Roxana Elena Ionete - Isotopic fingerprinting of the Middle Olt River Basin, Romania, at Isotopes 2013, 16-21.06.2013, Sopot, Polonia
 87. Tudorache Aurelia, Costinel Diana, Ionete Roxana Elena, Porumb Roxana - The influence of climatic conditions on isotopic fingerprint and quality of wines from Dealu Mare-Valea Calugareasca, at the 36th World Congress of Vine & Wine and the General Extraordinary Assembly of the International Organization of Vine & Wine, Bucharest, 2-7 June 2013
 88. Eusebiu Ionete, Bogdan Monea, Roxana Ionete, Christoph Plusczyk - 3D Simulation of a Deuterium Storage System, at the 18th ICSI International Conference “Progress in Cryogenics and Isotopes Separation”, 25 – 26 October 2012, Calimanesti-Caciulata, Romania
 89. Gabriela Raducan, Roxana Elena Ionete, Ioan Stefanescu - Analysis of Idealized Tropical Cyclone Simulations Using the Weather Research and Forecasting Model, at the 18th ICSI International Conference “Progress in Cryogenics and Isotopes Separation”, 25 – 26 October 2012, Calimanesti-Caciulata, Romania
 90. Violeta Niculescu, Andrea Iordache, Roxana Ionete, Nadia Paun, Viorica Parvulescu - Synthesis and Characterization of Highly Ordered SBA-15 for Retention of Polyphenols from Red Wine, at the 18th ICSI International Conference “Progress in Cryogenics and Isotopes Separation”, 25 – 26 October 2012, Calimanesti-Caciulata, Romania
 91. Gili Saros, Diana Florescu, Irina Geana, Raluca Popescu, Andreea Maria Iordache, Roxana Ionete - Use GIS Tehnique to environmental Monitoring in an Industrial Zone and a Green Area, at the 18th ICSI International Conference “Progress in Cryogenics and Isotopes Separation”, 25 – 26 October 2012, Calimanesti-Caciulata, Romania
 92. Violeta Niculescu, Andreea Iordache, Roxana Elena Ionete, Nadia Paun, Viorica Parvulescu, Monica Culea - Wine Clarification by Mean of Highly Ordered Silica Mesoporous Materials, at the 9th International Conference on Physics of Advanced Materials (ICPAM-9), 20-23 September 2012, Iasi – Romania
 93. Raluca Popescu, Diana Costinel, Roxana Elena Ionete - Caracterizarea zacamintelor de petrol prin analize cromatografice si izotopice, at the 32nd Chemistry National Conference, Calimanesti-Caciulata, 3-5 October 2012
 94. Eusebiu Ilarian Ionete, Bogdan Monea, Christoph Plusczyk, Roxana Elena Ionete - Experimental and Numerical Analyses of a Hydrogen and Deuterium Storage System, at the 27th Symposium on Fusion Technology, 24-28 September, 2012, Liege, Belgia
 95. Diana Florescu, Marius Ariciu, Diana Bociu, Roxana Ionete - Variation of Physico-Chemical Parameters from a Butchery Area in Rm. Valcea, The 11th International Symposium Prospects for 3rd Millennium Agriculture, 27 - 29 September, 2012, Cluj-Napoca, Romania

96. Diana Florescu, Claudia Sandru, Roxana Ionete, Monica Culea - Quality Control of Drinking Water Analysis in Concordance with Standard Requirements in Force, The 11th International Symposium Prospects for 3rd Millennium Agriculture, 27 - 29 September, 2012, Cluj-Napoca, Romania
97. Costinel Diana, Ionete Roxana, Ioan Stefanescu si Dinca Oana - Amprentarea izotopica a vinurilor - element de autentificare a acestor produse pe piata interna si internationala, Seminarul: „Soiuri de vita de vie adaptate regiunii de granita romano-bulgare”, desfasurat in cadrul Programului de Cooperare Transfrontaliera Romania – Bulgaria 2007 – 2013, proiectul „Drumul Vinului”, 30-31 August 2012, Craiova, Romania
98. E.I. Geana, D. Costinel, A.M. Iordache, R.E. Ionete, A. Ranca and M. Iliescu - A survey on trans-resveratrol content of Romanian wines, 2nd Symposium on Horticulture in Europe, Angers, FRANCE, 1st – 5th July 2012
99. Diana Costinel, Ioan Stefanescu, Roxana Ionete, Gallia Butnaru - Stable isotopes fingerprint – important tool in studying polluted ecosystems, al IV-lea Congres International si a XXX-a Sesiune Anuala a Societatii Romane de Biologie Celulara si a Academiei Romane, 13-17 Iunie 2012 Satu Mare (Romania) si Debrecen (Ungaria)
100. Elisabeta-Irina Geana, Andreea-Maria Iordache, Roxana Elena Ionete - Simultaneous determination of artificial sweeteners in possible counterfeited wines, using high performance liquid chromatography with PDA detection, International Conference Chimia 2012 “New Trends in Applied Chemistry”, Constanta, Romania, 24-26 May 2012
101. Elisabeta Irina Geana, Andreea Maria Iordache, Roxana Elena Ionete, Analysis and quantification of trans-resveratrol in wine from Muntenia and Oltenia region, Romania, Proceedings of the 4th International Symposium, „New Researchers in Biotechnology” SimpBTH2011, pp. 176-183, ISSN: 1224-7774
102. Irina Geana, Andreea Iordache, Roxana Ionete – „Evaluating Heavy Metal Contents in Soils Using Microwave Digestion Method and ICP-MS Technique” – in Nuclear 2010, ISSN 2066-2955, Pitesti
103. Diana Florescu, Gili Saros, Claudia Sandru, Roxana Ionete – “Chemical aspects of soil sediments from Turceni industrial area” – in Nuclear 2010, ISSN 2066-2955, Pitesti
104. Irina Geana, Andreea Iordache, Cezara Voica, Adriana Dehelean, Roxana Ionete – “Comparison of three digestion methods for elemental determinations in soils and sediments materials by ICP-MS technique” - Proceeding of 37-th International Conference of SSCHE, Tatraske Slovacia, ISBN 978-80-227-3290-1, p.96
105. R. Vremera, D. Costinel, R. Ionete, C. Jong Soo – “Isotopic Fingerprinting of Bradisor Reservoir from Rm. Valcea, Romania” - Nuclear 2010, ISSN 2066-2955, Pitesti
106. Claudia Sandru, Irina Geana, Andreea Iordache, Cezara Voica, Roxana Elena Ionete, Diana Florescu – “Interlaboratory Study to Improve the Quality of Trace Element Determinations in Surface Waters” - Proceeding of the 16th ICIT International Conference “Progress in Cryogenics and Isotopes Separation”, p. 132, ISBN: 978-973-750-192-9
107. Raluca Vremera, Diana Costinel, Roxana Elena Ionete, C. Jong Soo – “Addition of Synthetic Aromas to Wine - Considerations Regarding the Detection” - Proceeding of the 16th ICIT International Conference “Progress in Cryogenics and Isotopes Separation”, p. 151, ISBN: 978-973-750-192-9
108. Elisabeta-Irina Geana, Andreea-Maria Iordache, Roxana-Elena Ionete – “Identification of Red Grape Varieties by Defining the Wine Anthocyanin Profile” - Proceeding of the 16th ICIT International Conference “Progress in Cryogenics and Isotopes Separation”, p. 152, ISBN: 978-973-750-192-9
109. Diana Costinel, Roxana Ionete, Raluca Vremera and C. Jong Soo – “The Potential of Deuterium and Oxygen Isotopes in Evaluating Different Water Sources” - Proceeding of the 16th ICIT International Conference “Progress in Cryogenics and Isotopes Separation”, p. 153, ISBN: 978-973-750-192-9
110. Andreea Iordache, Irina Geana, Roxana Ionete, Monica Culea – “The Optimization of the Method for Metals Content Determination in Romanian Wines by ICP-MS After Microwave Mineralization” - Proceeding of the 16th ICIT International Conference “Progress in Cryogenics and Isotopes Separation”, p. 153, ISBN: 978-973-750-192-9
111. Diana Costinel, Roxana Elena Ionete, Raluca Vremera and Ioan Stefanescu – “Assessing Wine Quality Using Isotopic Methods” - Proceeding of the 16th ICIT International Conference “Progress in Cryogenics and Isotopes Separation”, p. 154, ISBN: 978-973-750-192-9
112. Irina Geana, Roxana Ionete, Rodica Pasa, Elena Postolache, Aurora Ranca – “Simultaneous Determination of Five Red Synthetic Colorants in Counterfeit Wine by Reversed-Phase High-Performance Liquid Chromatography Coupled with Diode-Array Detection” - Proceeding of the 16th ICIT International Conference “Progress in Cryogenics and Isotopes Separation”, p. 154, ISBN: 978-973-750-192-9
113. Irina Geana, Roxana Elena Ionete, Aurelia Tudorache, Rodica Pasa, Elena Postolache, Aurora Ranca – “Phenolic Compound Profiles in Six Varieties of Romanian Wines with Different Geographical Origins” - Proceeding of the 16th ICIT International Conference “Progress in Cryogenics and Isotopes Separation”, p. 158, ISBN: 978-973-750-192-9
114. Elena Carcadea, D. B. Ingham, I. Stefanescu, Roxana Elena Ionete, H. Ene - “The influence of permeability changes for a 7-serpentine channels PEM fuel cell performance” - in proceedings of ASME European Fuel Cell Technology & Applications "Piero Lunghi" Conference (EFC09), 2009, Roma Italia
115. Elena Carcadea, I. Stefanescu, R. Ionete, R. Mahu, C. Oprea - “Two-phase flow in a 7-serpentine channels PEM fuel cell” - Proceeding of conference "Progreses in Equipments and Industrial Processes Simulation - Efficient Solutions with ANSYS & FLUENT, ISBN 978-606-521-012-7, Sinaia, 2008
116. Elena Carcadea, D. B. Ingham, L. Ma, M. Pourkashanian, H. Ene, I. Stefanescu, Roxana E. Ionete - “A parametrical study of a seven serpentine channel PEM fuel cell” - Proceedings of ASME Turbo Expo 2008: Power for Land, Sea and Air GT2008, June 9-13, 2008, Berlin, Germany, ISBN 0-7918-3824-2
117. E. Carcadea, I. Stefanescu, R. E. Ionete, H. Ene - “Liquid Water Transport in a PEM Fuel Cell” - in Proceedings of “Excellence Research – A way to Innovation”, vol. II, Brasov, 2008, pg. 189-1÷189-6, ISSN 1844-7090
118. Diana Costinel, Roxana Elena Ionete, Raluca Vremera, Vasile Stanciu - “High-Precision 13C and 18C Measurements by Continuous Flow-Isotope Ratio Mass Spectrometry (CF-IRMS) in Romanian Wines Characterization” - in Proceedings of 14th Conference “Progress in Cryogenics and Isotopes Separation”, Calimanesti, 2008, ISSN 1582-2575, pg. 44-51

119. Elena Carcadea, D.B.Ingham, I. Stefanescu, Roxana Ionete, H. Ene, B. Nicolescu - "Parameters that Influence the PEM Fuel Cell Performance" - in Proceedings of 14th Conference "Progress in Cryogenics and Isotopes Separation", Calimanesti, 2008, ISSN 1582-2575, pg. 229-234
120. Laurentiu Patularu, Daniela Ebrasu, Ioan Stefanescu, Roxana Elena Ionete, Mihai Culcer, Vasile Stanciu, Elena Carcadea, Dumitru Mirica - "Analysis of small PEM fuel cell design and manufacturing in ICIT-Rm. Valcea" - in Proceedings of 1st European Conference "H2 Fuel Cells Millennium Convergence", Bucuresti, 2007, 15/10 pg., ISBN-10: 973-88046-7-1; ISBN-13: 978-973-88046-7-8
121. Elena Carcadea, Razvan Mahu, Cristina Oprea, Ioan Stefanescu, Roxana Elena Ionete (Lazar) - "7 Serpentine Channel PEM Fuel Cell – A Study Case" - in Proceedings of "Computer Aided Engineering Solutions for Design, Analysis and Innovation" - ANSYS & FLUENT User Group Meeting, 2007, Index (ISBN) 978-973-718-757-4
122. Laurentiu Patularu, Daniela Ebrasu, Ioan Stefanescu, Roxana Elena Ionete, Mihai Culcer, Vasile Stanciu, Elena Carcadea, Dumitru Mirica, Irina Petreanu - "PEM Fuel Cell Design and Manufacturing in ICIT Rm. Valcea" - in Proceedings of "Excellence Research – A way to E.R.A", Brasov, 2007, pg. 226-1÷226-6, ISSN 1843-5904
123. Elena Carcadea, Ioan Stefanescu, Horia Ene, Roxana Elena Lazar (Ionete)- "A 3D transport phenomena analysis for PEM fuel cells" - in proceedings of "Romanian FLUENT Users Meeting", Sinaia, martie 2006, Ed. Printech (acreditata CNCISIS), ISBN 973-718-443-2; 978-973-718-443-6, pg. 7-12
124. Gili Saros-Rogobete, Irina Saros-Rogobete, Diana Florescu, Roxana Elena Lazar (Ionete), Vasile Stanciu, Diana Costinel - "Mass Spectrometry for Special Gas Mixtures Certification" - in Proceedings of 12^{ev} International Conference "Progress in Cryogenics and Isotopes Separation", Calimanesti, 2006, ISSN 1582-2575, pg. 261-262
125. Elena Carcadea, I. Stefanescu, H. Ene, D.B. Ingham, Roxana Elena Lazar (Ionete) - "A review of water and heat management for PEM fuel cells" - in proceedings of "Modeling Fluid Flow" (CMFF-06), Budapesta, Ungaria, pp. 34-49, 2006
126. M. Dumitrescu, I. Stefanescu, Roxana Elena Lazar (Ionete), E. Carcadea, V. Tanislav, I. Siman, B. Nicolescu - "Safety and risk for the transport of radioactive materials" - in Proceedings of "Progress in Cryogenics and Isotopes Separation", Calimanesti, 2005, ISSN 1582-2575, pg. 162-167
127. M. Dumitrescu, I. Stefanescu, Roxana Elena Lazar (Ionete), E. Carcadea, V. Tanislav - "Analysis techniques for hazardous materials transport" - in Proceedings of "Progress in Cryogenics and Isotopes Separation", Calimanesti, 2005, ISSN 1582-2575, pg. 168-173
128. Diana Costinel, Irina Petreanu, Rodica Irimescu, Roxana Elena Lazar (Ionete), Vasile Stanciu - "Development of analytical technique for the determination of pesticides residues from food" - in Proceedings of "Progress in Cryogenics and Isotopes Separation", Calimanesti, 2005, ISSN 1582-2575, pg. 195-197
129. Irina Petreanu, Diana Costinel, Iuliana Picioroaia, Roxana Elena Lazar (Ionete) - "Measurement uncertainty estimation from determination of organochlorine pesticides in drinking water" - in Proceedings of "Progress in Cryogenics and Isotopes Separation", Calimanesti, 2005, ISSN 1582-2575, pg. 220-222
130. "Consequences of potential accidents in heavy water plants"; Cornelia Croitoru, Roxana Elena Lazar (Ionete), Irina Preda, Maria Dumitrescu; Proceedings of ENRY 2001 - Environmental Recovery of Yugoslavia, Belgrad, septembrie 2002
131. "Sistem GIS de monitorizare a calitatii aerului si de evaluare a inventarului de gaze toxice pentru o zona urbana", Roxana Elena Lazar (Ionete), Dumitru Steflea, Elena Carcadea, Mihai Varlam; Proceedingul Sesiunii Stiintifice "MENER 2002", Bucuresti noiembrie 2002, pg. 35, ISBN 973-648-079-8, Universitatea Politehnica Bucuresti, Facultatea de Energetica
132. "The risk assessment in storage and transportation of dangerous substances. Preoccupations and perspectives"; Roxana Elena Lazar (Ionete), Maria Dumitrescu, Ioan Stefanescu; Proceedingul celei de-a 11 conferinte anuale a SRA-Europa "New Risk Frontiers for a New Europe", Lisabona, Portugalia, mai 2001
133. "Risk assessment of Hazardous Waste Transport – Perspectives of GIS Application"; Roxana Elena Lazar (Ionete), Maria Dumitrescu, Ioan Stefanescu, Dumitru Steflea; Proceedingul Conferintei Internationale "Nuclear Energy in Central Europe 2001", Portoroz, Slovenia, septembrie 2001, ISBN 961-6207-16-4, pg.808.1-808.8
134. "Environmental Monitoring for Tritium at Tritium Separation Facility"; Carmen Varlam, Roxana Elena Lazar (Ionete), Dumitru Steflea, Ioan Stefanescu; Proceedingul Conferintei Internationale "Nuclear Energy in Central Europe 2001", Portoroz, Slovenia, septembrie 2001, ISBN 961-6207-16-4, pg.608.1-608.8

1. „Best poster award” at the XIVth International Workshop of the European Society for Isotope Research ESIR 2017, 25-29.06.2017, Baile Govora, Romania, for the paper „*Application of Chemometric Techniques in Stable Isotope Evaluation*”, authors Oana Romina Botoran, Roxana Elena Ionete, Diana Costinel, Raluca Popescu
2. Excellence diploma and gold medal for the patent „*Procedure for isotopic fingerprinting of flavour compounds in liquid samples, in particular wine*”, authors Ionete Roxana Elena, Costinel Diana, Popescu Raluca, Ștefănescu Ioan, at the International Fair for Inventions and Practical Ideas INVENT-INVEST 2016, 15-18.09.2016.
3. Best poster Award offered by the National Food Chain Safety Office, president of the organising committee Arpad Ambrus, Ungaria, for the paper „*Assessing the Traceability and Authenticity of Fruit Juices in terms of Isotopic Fingerprinting*”, authors Botoran Oana-Romina, Diana Costinel, Raluca Popescu, Ioan Stefanescu, Roxana Elena Ionete, at the 2nd International Conference on Food Safety and Regulatory Measures, Londra, UK, 06 – 08 Iunie 2016.
4. Best poster Award offered by the International Wine Professional Network, president of the organising committee Mark T. Norman, USA, for the paper „*Multi-compound isotope profiling - an approach to differentiate the varietal origin and harvest year of wines*”, authors: Botoran Oana-Romina, Costinel Diana, Popescu Raluca, Geana Irina-Elisabeta, Ionete Roxana-Elena, at the 3rd European Food Safety and Standards Conference, Valencia, Spania, 24 – 25 Octombrie 2016.
5. Best poster Award offered by the Romanian International Chapter of ACS. Chemistry for Life, for the paper “*Characterization and Botanical Classification of Romanian Honeys*” authors Popescu Raluca, Geana Elisabeta Irina, Dinca Oana Romina, Sandru Claudia, Costinel Diana, Ionete Roxana Elena at the 3rd International Conference „Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences” Brasov, Romania, 13 - 15 Iunie 2014
6. „Best poster award” at the XLIII Annual Meeting of the European Society for New Methods in Agricultural Research 3rd- 6th September 2014, Bolzano, Italy, for the paper “*The use of isotopic and multi-element pattern in the soil-plant system as tool for fruit juices authentication in terms of geographical origin*”, authors Oana Romina Dinca, Roxana Elena Ionete*, Diana Costinel, Raluca Popescu, Irina-Elisabeta Geana, Radu Tamaian, Gabriel Lucian Radu
7. PLAQUETTES AGRO ARCA for the paper “*Wine Authentication – Aromas Fingerprinting*”, authors: Ionete Roxana Elena, Costinel Diana, Vremera Raluca, Ioan Stefanescu, Stanciu Vasile, awarded to the 3rd International Fair on Innovation, New Ideas, Products and Technologies in Agriculture and Food Industry, May 2010, Slatina, Croatia
8. Silver Medal at the International Exhibition of Inventions in Geneva, 2008, for “*Pile de cellules de carburant avec une membrane à échange de protons*”
9. Gold Medal with Mention in International Competition dedicated to invention Brussels - Eureka 2007, organized within INNOVA ENERGY Fair, for the paper “*Fuel cell stack with proton exchange membrane*”
10. Gold Medal at the International Fair of Inventions and New Technologies - INVENTICA 2007, for the paper “*PEM fuel cell assembly*”
11. Gold Medal at the Fair of Inventors in Croatia - ARCA 2007, for the paper “*Fuel cell stack with proton exchange membrane*”
12. First Prize awarded by the National Authority for Scientific Research – Romania, for the fundamental research project “*Conversion technologies and energy storage in hydrogen fuel cells*”, Bucharest 2005