



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **CEZARA VOICA**
Address(es) Str Donat nr 37-103 – Cluj Napoca, ROMANIA
Telephone(s) +40264 58 40 37 int. 135
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E-mail cezara.voica@itim-cj.ro
Nationality Romanian
Date of birth april 20, 1972
Gender Female

Occupational field **Research**

Work experience

Dates	2007- present
Occupation or position held	Senior Researcher 3 rd Degree
Main activities and responsibilities	Involved in applied research in the field of: trace analysis method (ICP-MS) for verify the authenticity of food products; pollution aspects on the accumulation of trace metals in various environmental matrices (water, soil, plant and sediments); development and validation – quantitative methods for the determination of heavy metal in the investigated matrices; metal determination of content by ICP-MS in different matrices: soils, ceramic materials, oxide materials, alloys, vegetables, beverages, etc.; metal determination content and isotopic characterization of ceramic archaeological samples (²⁰⁶ Pb/ ²⁰⁷ Pb și ⁸⁷ Sr/ ⁸⁶ Sr)
Name and address of employer	National Institute for Research and Development of Isotopic and Molecular Technologies, 67-103 Donat Street, Cluj Napoca, Romania
Type of business or sector	Research in Mass Spectrometry, Chromatography and Applied Physics Department
Dates	2018 - 2009
Occupation or position held	Responsabile for the Quality Management and Responsible for the ICP-MS method in the accredited laboratory of Mass Spectrometry, Chromatography and Physics of Ions. Internal auditor.
Main activities and responsibilities	Coordinate the accrediting process of the Mass Spectrometry, Chromatography and Ions Physics Laboratory. Internal Auditor.
Name and address of employer	National Institute for Research and Development of Isotopic and Molecular Technologies, 67-103 Donat Street, Cluj Napoca, Romania
Type of business or sector	Research
Dates	2007-2006
Occupation or position held	Research assistant
Main activities and responsibilities	Research in Mass Spectrometry, Chromatography and Applied Physics Department
Name and address of employer	National Institute for Research and Development of Isotopic and Molecular Technologies, 67-103 Donat Street, Cluj Napoca, Romania

Dates	2004-2000
Occupation or position held	Technical and quality referent
Main activities and responsibilities	Coordinate the Technical - C.T.C. – Physical and chemical laboratory Departments.
Name and address of employer	S.C. CEROC S.A. Cluj-Napoca
Type of business or sector	Industry. Production of bone china
Dates	1999-1997
Main activities and responsibilities	Chemist engineer/certified scientific researcher
Name and address of employer	S.C. CEROC S.A. Cluj-Napoca
Type of business or sector	Industry. Production of bone china
Dates	1997-1995
Main activities and responsibilities	Chemist engineer
Name and address of employer	S.C. CEROC S.A. Cluj-Napoca
Type of business or sector	Industry. Production of bone china

Education and training

Dates	2005-1997 Ph.D. Babes-Bolyai University, Cluj-Napoca
Title of qualification awarded	Doctor (PhD) in Engineering Chemical
Principal subjects/occupational skills covered	Engineering Chemical / Thesis title: " Oxidic Systems for ceramic coatings"
Name and type of organisation providing education and training	Faculty of Chemistry and Chemical Engineering, Babes-Bolyai University, Romania
Dates	1996-1995
Title of qualification awarded	Master degree
Principal subjects/occupational skills covered	Oxidic Materials with Special Applications and Property
Name and type of organisation providing education and training	Faculty of Chemistry and Chemical Engineering, Babes-Bolyai University, Romania
Dates	1995-1990
Title of qualification awarded	Graduate in Chemical Engineering
Principal subjects/occupational skills covered	Science and Engineering of Oxidic Materials
Name and type of organisation providing education and training	Faculty of Chemistry and Chemical Engineering, Babes-Bolyai University, Romania
Dates	1990
Title of qualification awarded	high school graduation diploma
Principal subjects/occupational skills covered	Chemist technician
Name and type of organisation providing education and training	Natural Sciences High School - Cluj-Napoca, Romania

Personal skills and competencesMother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level ()***English****French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

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

Social skills and competences Friendly, Trustworthy, Communicative, Organized, Good ability to adapt to multicultural environments. Team player – in the expertise area

Organisational skills and competences Competent organizer, team spirit.

Technical skills and competences Technical skilled in the area of laboratory equipment and technical equipment. Experience in coordinating quality assurance activities in order to obtain laboratory accreditation; proficiency in mass spectrometry, analytical chemistry. Specialized courses in Quality Assurance. She was member of the Romanian Society of Mass Spectrometry, Romanian Society of Archaeometry, Romanian Society of Chemical Engineering (1997-2005).

She was scientific referent of International Journal of Environmental Analytical Chemistry, Journal of Medicinal Plants Research, AIP Conference Proceedings 2013.

Computer skills and competences Operation system: Microsoft Windows XP & Microsoft Windows 8
Productivity suite: Microsoft Office 2013;

Artistic skills and competences Sports

Other skills and competences Discipline, adaptability, responsibility, responsiveness to new. Self-motivation and ability to function both independently and as a team member

Driving licence B category

Additional information **Marital status:**
Married

Annexes **Annex 1:** The experience accumulated in research projects
Annex 2: List of published papers
Annex 3: Papers presented at conferences

Annex 1: The experience accumulated in research projects

Nr. Crt.	Programme/Project	Role/Responsibility	Period
1	PN III PCCDI uBioGas Underwater geological structures and accumulation of biogenic methane	Team member	2018-2020
2	Nucleu Programme. PN 19-35-02-02 Implementation of new innovative methods, models and technologies to promote Romanian food products and to protect the environment.	Team member	2019-2022
3	Nucleu Programme. PN 18-03-02-02 Development of innovative methods and techniques with applications in the field of bioeconomy	Team member	2018-2019
4	Nucleu Programme. PN 16-30-02-04 Development of methods for water and soil pollution	Team member	2016-2017
5	PNIII-CERC-CO-PED-2016 A new chemometric approach for white wines authentication, based on unconventional markers	Team member	2016-2018
6	PNCD-III-CONTAGRI 58BM/2016. Determination of contaminants in edible agricultural products using modern mass spectrometry or rapid immunoassay	Team member	2016-2017
7	PN-II-RU-TE-2015-4-0159/2015. Organic vs conventional agriculture? Application of isotopic techniques in vegetable traceability assesment	Team member	2015-2017
8	P.N. II no. 153/2014. Development of innovative methods, implementation of functional and demonstrative models in order to promote on the unique market the traditional cheeses manufactured in Transylvania”	Team member	2014-2016
9	P.N. II 71-068/2007. Nanostructured biocompatible systems based on magnetic nanoparticles and stimuli responsive polymers	Team member	2007-2010
10	PN 09-44-01-14. Advanced methods applied on the food, industrial products and environment quality characterization	Team member	2014
11	PN II 32-127/2008. The determination of the mechanism of the penetration of organic and inorganic pollutants in the water destined to the great urban agglomerations in Cluj and Salaj counties	project coordination	2009-2011
12	P.N. II 52-140/2008. Food traceability using isotopic methods. Case study: honey and wine	Team member	2009-2011
13	Nucleu Programme P.N.09-44 01 Researches regarding the elaboration, validation and implementation of methods based on ICP-MS, for traces determination, in homogeneous matrices	project coordination	2009-2011
14	Ceex Programme. 156/2006. Implementation of E.U. methods for the control by mass spectrometry of water and wine quality	Team member	2006-2008
15	Project Biotech 141/2006. Elaboration of effective determination methods of sweeteners and colours in wine, prohibited by law for its quality and chemical security insurance	Team member	2006-2008
16	Nucleu Programme. Investigation methods of environmental pollution on aquatic systems based coupled instrumental systems, chromatography and mass spectrometry	Team member	2006-2008
17	Projects Orizont 2000. 16.6. (S.C. CEROC S.A.). Research on decorating techniques and materials to obtaining the decorative glasses	Team member	1996-2000
18	Projects Orizont 2000. 16.6. (Beneficiar S.C. CEROC S.A.). Research of coating materials type luster for decorating of fine ceramic products	Team member	1996-2000
19	Projects Orizont 2000. 16.6. (S.C. CEROC S.A.). Pink-red ceramic glazes	Team member	1996-2000
20	Projects Orizont 2000. 16.6. (S.C. CEROC S.A.).Ceramic coatings for cold hardening decorative ceramic	Team member	1996-2000
21	Projects Orizont 2000. 16.6. (S.C. CEROC S.A.). Research and obtaining of ceramic pigments in new chromatic systems”	Team member	1996-2000
22	Projects Orizont 2000. 13.1. (S.C. CEROC S.A.). Ceramic colorants without lead for low temperature ceramic household	Team member	1996-2000
23	Projects Orizont 2000. 16.6. (S.C. CEROC S.A.). Studies and research on heat-resistant ceramic colours on zirconium suppor	Team member	1996-2000
24	Relansin Programme 1061/11.01.2001- (INCDTIM-CEROC). Elaboration of the micro pilot technological process for the preparation of high storage capacity vitreous systems of radioactive waste”.	Team member	2001-2003

Books:

Voica Cezara “Ceramic coatings” Casa Cărții de Știință, I.S.B.N. 978-973-133-177-5/2007, 236 pag.

Chapter in Book in International edition

Voica, C., Feher, I., Iordache, A.M. *Evaluation of metal concentration in herbal tea beverages by ICP-MS and chemometrics techniques. Quality Control in the Beverage Industry*, vol. 17: The Science of Beverage, ed. Al. Grumezescu, A. M. Holban, Woodhead Publishing, an imprint of Elsevier, 2019, ISBN: 978-012-816682-6 (online), chapter 6, pag. 205-221.

Voica, C., Cristea, G., Feher, I. *Multielement and Isotopic Characterization of Bottled Mineral Waters on the Romanian Market. Bottled and packaged water*, Vol. 4: The Science of Beverages, ed. Al. Grumezescu, A. M. Holban, Woodhead Publishing, an imprint of Elsevier, 2019, ISBN: 978-0-12-815704-6 (online), chapter 5, pag. 121-144.

Voica, C., Iordache, A.M., Ionete R., Stefanescu I. *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*”Chapter 12 from the book “Water Quality”, , ISBN 978-953-51-4871-5. Intech, Croatia, Editor: Hlanganani Tutu, 2017.

Kovacs, Melinda Haydee, Ristoiu Dumitru, **Voica C.** *Novel Approaches and Their Applications in Risk Assessment*. Edited by **Yuzhou Luo**, ISBN 978-953-51-0519-0, 344 pages, Publisher: In Tech, Published: April 20, 2012; DOI: 10.5772/2548. Chapter 9 – *Non-Invasive Matrices Use in Pollution Evaluation at Nanoscale Levels – A Way Forward in Ecotoxicological Studies*.

Published papers ISI

Berghian-Grosan, C., Radu, T., Biris, A.R., Dan, M., **Voica, C.** Watanabe, F., Biris, A.S., Vulcu, A. 2020. *Platinum nanoparticles coated by graphene layers: A low-metal loading catalyst for methanol oxidation in alkaline media*. Journal of Energy Chemistry. 81-88.

Voica, C., Iordache, A.M., Miricioiu, M., Magdas, D.A., Cristea, G. 2010. *Preliminary study to characterize edible oils using elemental analysis (ICP-MS) and isotope ratio mass spectrometry (IRMS)*. Revista de Chimie. Accepted for publication in no. 4/2020.

Iordache, M., Iordache, A.M., Sandru, C., **Voica, C.**, Zgavarogea R. et. al. 2019. *Assessment of heavy metals pollution in sediments from reservoirs of the Olt river as tool for environmental risk management*. Accepted for publication. Revista de Chimie, vol. 70, no. 12/2019.

Magdas, D.A, Feher, I., Cristea, G., **Voica, C.**, Tabaran, A., Mihaiu, M. et. al. 2019. *Geographical origin and species differentiation of Transylvanian cheese. Comparative study of isotopic and elemental profiling vs. DNA results*. Food Chemistry. 277: 307-313.

Cristea, G., **Voica, C.**, Feher, I., Radu, S., Magdas, D.A. 2018. *Isotopic and elemental characterization of cider commercialized on Romanian market*. Analytical Letters, 52(1): 139-149. Doi: 10.1080/00032719.2018.1434189.

Voica, C., Lung, I., Lazar, D., Magdas, D.A. 2018. *Removal of metals from water using platinum nanostructured carbon composites*. Analytical Letters, 52(1): 201-212. Doi: 10.1080/00032719.2017.1421959.

Balazs, Z., Magdas, D.A., Feher, I., **Voica, C.**, Puscas, R. 2018. *Macro- and microelemental distribution in phaseolus vulgaris L. Tissue irrigated with water with varying Isotopic Compositions*. Analytical Letters, 52(1): 111-126. Doi: 10.1080/00032719.2018.1431655.

Mirel, S., **Voica, C.**, Colobățiu, L., Mirel, V. et.al. 2018. *In vitro Comparison of the Antimicrobial Efficiency of Commercially Available Silver-Wound Dressings Correlated with the Evaluation of Silver Release by Inductively Coupled Plasma–Mass Spectrometry*. Analytical Letters, 52(1): 163-176. Doi: 10.1080/00032719.2017.1421960.

Dehelean, A., Kovacs, E.D., Magdas, D.A., Cristea, G., **Voica, C.**, Feher, I., Kovacs, M. et. al. 2018. *Infant Supplement Quality Evaluation by Inductively Coupled Plasma – Mass Spectrometry, Gas Chromatography, and Isotope Ratio Mass Spectrometry*. Analytical Letters, 52(1): 127-138. [Doi: 10.1080/00032719.2017.1410165](https://doi.org/10.1080/00032719.2017.1410165).

- Damian, L., Simon, S-P., Felea, I., Coman, M., Fodor, D., **Voica, C.** 2018. *Posttraumatic hip bulging mimicking an abscess in a patient with hip prosthesis: the role of ultrasonography*. Med Ultrason. 0, 1-3 Online first. Doi: 10.11152/mu-1784.
- Voica, C.**, Roba, C., Feher, I., Magdas, D.A. 2017. *Elemental Analysis and Metal Intake of Romanian Vegetables*. Analytical Letters. 50(17): 2755-2771.
- Voica, C.**, Lazar, M.D., Blanita, G. 2017. *Purification of Wastewater Using a Highly Porous Metal-Organic Framework and Graphene-like Materials—A preliminary study*. Analytical Letters. 50(17): 2772-2785.
- Feher, I, Magdas, D.A., Dehelean, A., Cristea, G., **Voica, C.** 2017. *Application of light stable isotope ratios and elemental profile in the organic vegetable's characterization*. Romanian Journal of Physics, 62 (1-2).
- Cristea, G., Feher, I., Magdas, D.A. **Voica C.**, Puscas, R. 2017. *Characterization of Vegetables by Stable Isotopic and Elemental Signatures*. Analytical Letters, 50 (17): 2677-2690. Doi: 10.1080/00032719.2016.1263312.
- Cristea, G., Magdas, D.A., **Voica, C.**, Feher, I. 2017. *Stable Isotope Fingerprinting for Pharmaceutical Authentication*. Analytical Letters, 50 (17): 2691-2698.
- Suvar, S., Bleiziffer, R., Podea, P., Iordache, A.M., **Voica, C.**, Zgavarogea, R., Culea, M. 2016. *A comparative mass spectrometric study of fatty acids and metals in some seed extracts*. Eur. J. Mass Spectrom. 22: 253–260.
- Voica, C.**, Iordache, A.M., Dehelean, A., Cristea, G., Magdas, D.A., Mirel, V. 2016. *Multielement determination of some types of commercially available coffee by ICP-MS*. Analytical letters. 49(16): 2627-2643.
- Balazs, Z., Ristoiu, D., Magdas, D.A., Cristea, G., Dehelean, A., **Voica, C.**, Puscas, R., Pirnau, A., Feher, I., Stelian, R., Vadan, M. 2016. *Determination of isotopic ratios and metal concentrations in Nicotiana tabacum (tobacco)*. Analytical Letters. 49(3): 364–377. Doi: 10.1080/00032719.2015.1045591.
- Popescu, R.A., Magyari, K., Vulpoi, A., Trandafir, D.L., Licarete, E., Todea, M., Ștefan, R., **Voica, C.**, Vodnar, D.C., Simon, S., Papuc, I., Baia, L. 2016. *Bioactive and biocompatible copper containing glass-ceramics with remarkable antibacterial properties and high cell viability designed for future in vivo trials*. Biomater. Sci. 4: 1252-1265. Doi: 10.1039/C6BM00270F.
- Feher, I., **Voica, C.**, Avram-Floare, V., Marincas, O., Oprean, I. 2016. *Elemental Analysis of River Water from Transylvania, Romania by ICP-MS and Chemometrics*. Analytical Letters. 4: 2671-2685. Doi:10.1080/00032719.2015.1113417.
- Schmutzer, G., Dehelean, A., Magdas, D.A., Cristea, G., **Voica, C.** 2016. *Determination of Stable Isotopes, Minerals, and Volatile Organic Compounds in Romanian Orange Juice*. Analytical Letters. 4: 2644-2658. Doi:10.1080/00032719.2015.1130713.
- Marincas, O., Floare-Avram, V., Feher, I., Lazar, D., **Voica, C.**, Grosu, I. 2016. *Inexpensive Adsorbents Derived from Coffee Grounds for the Treatment of Wastewater*. Analytical Letters. 4: 2659-2670. Doi: 10.1080/00032719.2015.1125913.
- Balasz, Z., **Voica, C.**, Dehelean, A., Magdas, D.A., Ristoiu, D. 2015. *Comparative study on macro- and micro-elements concentration in Nicotiana tabacum and Faba siliquis plants by ICP-MS*. AIP Conference Proceedings 1700, 030002. Doi: 10.1063/1.4938435.
- Voica, C.**, Magdas, D.A., Feher, I. 2015. *Metal Content and Stable Isotope Determination in Some Commercial Beers from Romanian Markets*. Hindawi Publishing Corporation. Journal of Chemistry, Article ID 192032, 10 pages <http://dx.doi.org/10.1155/2015/192032>.
- Avram, V., **Voica, C.**, Hosu, A., Cimpoi, C., Marutoiu, C. 2015. *ICP-MS characterization of some Roumanian white wines by their mineral content*. Rev. Roum. Chim. 59(11-12): 1011-1021.
- Suvar, S., Iordache, A.M., **Voica, C.**, Ionete, R., Bleiziffer, R., Culea, M. 2015. *Comparison of nutrients composition of some vegetable oils*. Czech Chem, Soc. Symp. Ser – Chemicke Listy, 13: 146-148.
- Voica, C.**, Ionete, R., Culea, M., Suvar, S., Iordache, A.M. 2015. *Assessment of trace elements in fish tissues as tool for monitoring pollution in the aquatic ecosystem*. Czech Chem, Soc. Symp. Ser – Chemicke Listy. 13: 78-80.
- Avram, V., **Voica, C.**, Hosu, A., Cimpoi, C., Marutoiu, C. 2014. *ICP-MS characterization of some roumanian white wines by their mineral content*. Rev. Roum. Chim. 59(11-12): 1009-1019.

Avram, V., Magdas, D.A., **Voica, C.**, Cristea, G., Cimpoi, C., Hosu, A., Marutoiu, C. 2014. *Isotopic Oxygen Ratios and Trace Metals Determination in Some Romanian Commercial Wines*. Analytical Letters. 47(4): 641-653. Doi: 10.1080/00032719.2013.845896.

Lazar, M.D., Biris, A.R., Borodi, G., **Voica, C.**, Watanabe, F., Dervishi, E., Biris, A.S. 2013. *Magnesia supported Au and Ag catalysts for the preparation of few-layer graphene-metal nanocomposites: relationship between catalyst structure and the properties of graphene composites*. J. Mater.Sci., 48:7409–7421.

Voica, C., Kovacs, M., Vadan, M. 2013. *Mineral, trace metal and organic content characterization of selected beers from Romanian market*. AIP Conference Proceedings. 1565: 313-316. Doi: 10.1063/1.4833752.

Voica, C., Kovacs, M. 2013. *Studies on the content of heavy metals in Aries River, using ICP-MS*. AIP Conference Proceedings. 1565: 317-321. Doi: 10.1063/1.4833753.

Dreve, S., **Voica, C.**, Georgiu, M. 2013. *Instrumental analysis for differentiation of beers and evaluation of beer ageing*. AIP Conference Proceedings. 1565: 290-293. Doi: 10.1063/1.4833747.

Olenic, L., Vulcu, A., Chiorean, I., Crisan, M., Berghian-Grosan, C., Dreve, S., David, L., Tudoran, L.B., Kacso, I., Bratu, I., Neamtu, C., **Voica, C.** 2013. *Effect of Natural Extracts pH on Morphological Characteristics of Hybrid Materials Based on Gold Nanoparticles*. AIP Conference Proceedings. 1565: 238-242. Doi: 10.1063/1.4833735.

Kovacs, M., Ristoiu, D., **Voica, C.**, Moldovan, Z. 2013. *Climate change influence on drinking water quality*. AIP Conference Proceedings. 1565: 298-303. Doi: 10.1063/1.4833749.

Feher, I., Schmutzer, G., **Voica, C.**, Moldovan, Z. 2013. *Determination of formaldehyde in Romanian cosmetic products using Coupled GC/MS System after SPME Extraction*. AIP Conference Proceedings. 1565: 294-297. Doi: 10.1063/1.4833748.

Kovacs, M.H., Ristoiu, D., **Voica, C.**, Ristoiu, T. 2013. *Optimization of organometallic compounds extraction from aqueous samples in order to improve their gas chromatography-mass spectrometry analysis performance*. Romanian Journal of Physics, 01, 58(1-2): 204-210.

Voica, C., Dehelean, A., Kovacs, M. 2012. *The use of inductively coupled Plasma mass Spectrometry (ICP-MS) for the determination of toxic and essential elements in different types of food samples*. AIP Conference Proceedings. 1425: 110-113. Doi: 10.1063/1.3681979.

Magdas, D.A., Dehelean, A., Puscas, R., Cristea, G., Tusa, F., **Voica, C.** 2013. *The quality control of fruit juices by using the stable isotope ratios and trace metal elements concentrations*. AIP Conference Proceedings. 1425: 178. Doi: 10.1063/1.3681996.

Voica, C., Dehelean, A., Iordache, A., Geana, I. 2012. *Method validation for determination of metals in soils by ICP-MS*. Romanian Reports in Physics. 64(1): 221–231.

Voica, C., Kovacs, M.H., Dehelean, A., Ristoiu, D., Iordache, A. 2012. *ICP-MS Determinations of Heavy Metals in Surface Waters from Transylvania*. Romanian Journal of Physics, 57(7-8): 1184–1193.

Dehelean, A., **Voica, C.**, 2012. *Determination of lead and strontium isotope ratios in wines by inductively coupled plasma mass spectrometry*. Romanian Journal of Physics. 57(7-8): 1194–1203.

Geana, I., Iordache, A.M., **Voica, C.**, Ionete, R., Culea, M. 2011. *Comparison of three digestion methods for heavy metals determination in soils and sediments materials by ICP-MS technique*. Asian Journal Of Chemistry, 23(12): 5213-5216. ISSN ISSN: 0970-7077.

Iordache, A.M., **Voica, C.**, Florescu, D., Ionete, R., Culea, M. 2011. *The potentialities of multi-element composition and $^{87}\text{Sr}/^{86}\text{Sr}$ ratio of wine Provenance*. Chemicke Listy, 105, 8, s1038. ISSN: 1213-7103, 0009-2770 (printed), 1803-2389 (CDROM), Brno, Cehia.

Voica, C., 2009. *Ceramics with decorative aspect*. Journal of Physics: Conference Series 182, 012082 Doi:10.1088/1742-6596/182/1/012082.

Voica, C., Dehelean, A., Pamula, A. 2009. *Method validation for determination of heavy metals in wine and slightly alcoholic beverages by ICP-MS*. Journal of Physics: Conference Series 182, 012036. Doi:10.1088/1742-6596/182/1/012036.

Voica, C., 2008. *The Study of non-noxious ceramic colorants based on bismuth oxide*. Journal of Optoelectron Adv. Materials. 10 (9): 2355-2359.

Published papers in specialized volumes without ISI cotation, volumes of scientific conferences, internal publications

Bora, F.D., Donici, A., **Voica, C.**, Rusu, T., Cozmuța, L.M., Cozmuța, A.M., Cimpoiu, C., Mihăiescu, D.E. 2016. *The determination of $^{206}\text{Pb}/^{207}\text{Pb}$, $^{208}\text{Pb}/^{206}\text{Pb}$ and $^{87}\text{Sr}/^{86}\text{Sr}$ isotope ratios by ICP-MS for fingerprinting the South-East Romanian wines*. AAB Bioflux. 8(3): 129-142. ISSN 2066-7639 (printed).

Bora, F.D., Donici, A., **Voica, C.**, Rusu, T. et. al. 2016. *Inductively coupled plasma-mass spectrometry (ICP-MS) characterization of some white wines from Dealu Bujorului Vineyard by their mineral content*. AAB Bioflux. 8(3): 156-175. ISSN 2066-7639 (printed).

Ristoiu, D., Kovacs, M.H., **Voica, C.**, Ristoiu, T. 2010. *Evaluation of presence and occurrence of halogenated organic compounds in bottled and tap water waters – evaluation of differences between water types*". Ecoterra. 25: 153-160.

Voica, C., Gagea, L., Indrea, E., Dreve, S., Bratu, I. 2003. *Microstructural investigations of new vitreous material for ceramic industry*". Studia Universitatis Babeș-Bolyai, Physica, Special Issue, XL VIII: 482-485.

Gagea, L., Mirică, E., Bele, F., Țipan, J., **Pavel, (Voica) C.**, Toth, A. 1995. *Ceramic pigments in $\text{ZrO}_2\text{-SiO}_2$ system*. Building Materials (Materials Review). XXV(4): 323-328.

Mesaros, C., Szakacz, J., Cioca, M.M., Iordache, A.M., **Voica, C.** 2015. *Evaluation of the concentration of toxic metals in cosmetics*. Book of abstract Scientific Session of University Educational Staff. UMF Tg. Mures, Acta Medica Marisiensis, 61(8), ISSN 2068-3324.

Iordache, A.M., **Voica, C.**, Geana, I., Suvar, S., Ionete, R.E., Culea, M. 2015. *Assessment of heavy metals in cosmetics products for health impact*. Book of abstract of 33rd Informal Meeting on Mass Spectrometry, 33rd IMMS, ISBN 978-83-940417-1-7, Szczyrk, Poland, pp.113

Voica, C., Iordache, A.M., Geana, I., Ionete, R. 2012. *ICP-MS determination of heavy metals in water, sediment and soil samples from Transylvania Area*. Second International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences, Brasov, Romania, IC-ANMBES.

Iordache, A.M., Sandru, C., **Voica, C.**, Geana, I., Ionete, R., Culea, M. 2012. *Interlaboratory study for the determination of trace elements in surface waters*. Second International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences, Brasov, Romania, IC-ANMBES.

Iordache, A.M., **Voica, C.**, Florescu, D., Ionete, R., Culea, M. 2011. *The potentialities of multi-element composition and $^{87}\text{Sr}/^{86}\text{Sr}$ ratio of wines as traces of wine provenance*. 5 th Meeting on Chemistry and Life, Brno-Czech Republic, Chemicke listy, 105, s1038, 2011, ISSN 0009-2770

Iordache, A.M., **Voica, C.**, Florescu, D., Geana, I., Ionete, R., Culea, M. 2011. *ICP-MS multi-element analysis of Romanian wine samples –A comparative Study*. 12th International Balkan Workshop on Applied Physics, IBWAP, Constanta, 112.

Voica, C., Kovacs, M-H, Dehelean, A., Ristoiu, D., Iordache, A.M. 2011. *ICP-MS determination of heavy metals in surface waters from Transylvania*. 12th International Balkan Workshop on Applied Physics, IBWAP 2011, Constanta, 109.

Dehelean, A., **Voica, C.**, Culea, E. 2010. *Method validation for determination of metals in oxide materials by ICP-MS*. Analytical and Nanoanalytical methods for biomedical and Environmental Sciences. Proceeding of IC-ANMBES, Transylvania University Press, ISBN: 978-973-598-722-0.

Voica, C., Dehelean, A. 2010. *Multielement determination and isotopic characterization in wines by inductively coupled plasma mass spectrometry*. Analytical and Nanoanalytical methods for biomedical and Environmental Sciences. Proceeding of IC-ANMBES, Transylvania University Press, ISBN: 978-973-598-722-0.

Voica, C. 2010. *Ceramic pigments based tin oxide for ceramics*. Progress of Cryogenics and Isotopes Separation, 13(2), ed. Conphys Rm. Vilcea, ISSN: 1582-2575, CNCSIS Quote; 619: 17-25.

Voica, C., Dehelean, A., Maxim, Z. 2010. *Metal content and isotopic characterization of archaeological samples. Preliminary results*". Progress of Cryogenics and Isotopes Separation, 13(1), ed. Conphys Rm. Vilcea, ISSN: 1582-2575, CNCSIS Quote; 619: 39-46.

Geana, I., Iordache, A. **Voica, C.**, Dehelean, A., Ionete, R. 2010. *Comparison of three digestion methods for elemental determinations in soils and sediments materials by ICP-MS technique*. Proceedings 37th Conference Of Slovak Society Of Chemical Engineering, Tatranske Matliare, Slovakia, ISBN 978-80-227-3290-1.

Voica, C., Dehelean, A., Pamula, A., Iordache, A. Geana, I., Mirel, V. 2010. *Semi-Quantitative studies on content of metals in samples of water, sediment, soil from Transylvania, using ICP-MS technique*. Proceedings 37th Conference Of Slovak Society Of Chemical Engineering, Tatranske Matliare, Slovakia, ISBN 978-80-227-3290-1.

Voica, C., Gagea, L. 1999. *Decorative glazes for bone china*. 2nd International Conference of the chemical Societies of the South-Eastern European Countries on Chemic Sciences for Sustainable Development, Greece - Book of Abstracts, volume 2.

Maxim, Z., **Voica, C.** 2010. *The results of the isotopic analysis applied to Neo-Eneolithic ceramic fragmens from Transylvania*. Angvstia 14, Arheometrie, Ed. Angvstia, Sf. Gheorghe, ISSN 1454-8275: 437-444.

Voica, C., Gagea, L., Literat, L. 2006. *Glazuri ceramice cu efecte speciale pentru portelan fosfatic*. National Conference in Chemical Engineering (The academic Cluj days), Cluj-Napoca, ISBN (13) 978-973-8915-18-3, Ed. Accent, 78-84.

Literat, L., Cristea, M., Gagea, L., **Voica, C.** 2000. *Fasonarea prin presare a unor pudre ceramice. Diagrame și ecuații de calcul*. Proceeding of International Conference Consilox. Romania, 318-323.

Voica, C., Gagea, L., Literat, L. 1999. *Matte glazes for bone china*. Technical University Oradea, Chemistry Part: Chimie: 20-26.

Literat, L., **Voica, C.**, Gagea, L. 1998. *Study of the crystallization process in matte glazes for bone china*. Proceedings of the First National Conference on Machines and Technologies in Ceramics and Glass (Sticloceram). Technical University Cluj-Napoca, 112-116.

Gagea, L., Mirică, E., **Pavel, C. (Voica C.)**. 1997. *Synthesis and properties of pink and cherries pigments for the ceramic industry*. Technical University Oradea, Chemistry Part: Chimie, 39-45.

Annex 3: Papers presented at conferences

Voica, C., Iordache, A.M., Ionete, R.E., Zgavarogea, I.R. *Concentrations and health risk assessment of REEs in foods from Romanian market*. 33rd EFFoST International Conference. Sustainable Food Systems - Performing by Connecting WTC Rotterdam, The Netherlands, 12-14 November 2019.

Voica, C., Iordache, A.M., Ionete, R.I. *Estimation of honey authenticity by multielements characteristics using inductively coupled plasma-mass spectrometry (ICP-MS) combined with chemometrics*. Informal Meeting on Mass Spectrometry IMMS, Italy 2019.

Andreea Maria Iordache, **Voica, C.**, Mihaela Iordache, Claudia Șandru, Ramona Zgavarogea' Roxana Ionete. *Tracing sources and mobility of heavy metal in environmental compartments via isotopic variation of Pb and Sr*. Informal Meeting on Mass Spectrometry IMMS, Italy 2019.

Voica, C., Feher, I., Magdas, D.A., Cristea, G. Iordache, A.M. *Distribution of lithium content in Romanian foods using ICP-MS technique*. International Conference –Isotopic and Molecular Processes PIM, Cluj-Napoca, Romania, 2019.

Cristea, G., **Voica, C.**, Puscas, R., Magdas, D.A., Feher, I., Radu, S. *Isotopic and elemental profiling alongside with chemometric methods for pork chop samples differentiation*. International Conference –Isotopic and Molecular Processes PIM, Cluj-Napoca, Romania, 2019.

Floare-Avram, C.V., Covaciu, F., **Voica, C.**, Puscas, R., Feher, I., Marincas, O. Magdas, D.A. *Comprehensive evaluation of tomatoes using pesticides, phenolics, multielemental and isotopic content*. International Conference –Isotopic and Molecular Processes PIM, Cluj-Napoca, Romania, 2019.

Nagavciuc, V., Puscas, R., Cristea, G., **Voica, C.**, Radu, S., Magdas, D.A., et. al. *Analysis of the isotopic composition of the deep-sea sediments from the Black Sea*. International Conference –Isotopic and Molecular Processes PIM, Cluj-Napoca, Romania, 2019.

Magdas, D.A., Feher, I., **Voica, C.**, Dehelean, A., Cristea, G., Marincas, O., Vedeanu, N. *Milk and dairy products authentication based on their isotopic and elemental profile*. Workshop on Technology Critical Elements in Ecosystem and Human Health, Tallinn, Estonia, 2018.

Marincaș, O., Feher, I., Magdas, D.A., **Voica, C.**, Cristea, G. *Hot peppers characterization using light stable isotope ratios and multi-element analysis as geochemical marker*. Workshop on Technology Critical Elements in Ecosystem and Human Health, Tallinn, Estonia, 2018.

Voica, C., Rosu, C., Iordache, A.M., Pisteu, I. *The Romanian consumer among education, information, health risk, food quality and ethics*. 2th International Conference Environmental Legislation, Safety Engineering and Disaster Management ELSSEDIMA, Cluj Napoca, Romania, 2018.

Iordache, A.M., Iordache, M., Sandru, C., **Voica, C.**, Costinel, D., Ionete, R. *Aspects on advanced multiparametric and isotopic investigation of surface waters as suport for inventory of toxic and persistent contaminants*. 36 Informal Meeting on Mass Spectrometry, IMMS, Ungaria, 2018.

Voica, C., Magdas, D.A., Iordache, A.M., Cristea, G. *Preliminary study to characterize edible oils using elemental analysis (ICP-MS) and isotope ratio mass spectrometry (IRMS)*. 18th International Balkan Workshop on Applied Physics (IBWAP), Constanta, Romania, 2018.

Iordache, A.M., Iordache, M., Sandru, C., **Voica, C.**, Ionete, R. *Assessment of heavy metals pollution in sediments from reservoirs of the Olt river as tool for environmental risk management*. 18th International Balkan Workshop on Applied Physics (IBWAP), Constanta, Romania, 2018.

Magdas, D.A., Feher, I., **Voica, C.**, Dehelean, A., Cristea, G., Sarbu, C. *Applications of elemental profiling in conjunction with chemometry in wine discrimination*. 18th International Balkan Workshop on Applied Physics (IBWAP), Constanta, Romania, 2018.

Iordache, A.M., Iordache, M., Sandru, C., **Voica, C.**, Stegarus, D., Ionete, R. *A fugacity-based model for the assessment of pollutant dynamic evolution of VOCS and BTEX in the Olt river basin (Romania)*. 18th International Balkan Workshop on Applied Physics (IBWAP), Constanta, Romania, 2018.

Cristea, G., Magdas, D.A., **Voica, C.**, Feher, I. Puscas, R. et.al. *Isotopic and Elemental Fingerprint of Transylvanian Pork Meat*. Fifth Edition of International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences - IC-ANMBES, Brasov, Romania, 2018.

Cristea, G., **Voica, C.**, Adriana Dehelean, Magdas, D.A., Feher, I. Puscas, R., Covaciu, F. *Application of Isotopic and Elemental Profiling in Food Products and Beverages*. Fifth Edition of International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences - IC-ANMBES, Brasov, Romania, 2018.

Iordache, A.M., Iordache, M., Sandru, C., **Voica, C.**, Zgavarogea, R., Ionete, R. *Aspects on advanced isotopic and multiparametric investigation of surface waters as support in environmental processes*. 22nd Conference “New Cryogenic and Isotope Technologies for Energy and Environment” - EnergEn 2018, Băile Govora, Romania, 2018.

Dehelean, A., Magdas, D.A., **Voica, C.**, Cristea, G., Feher, I. *Multi-element and ¹³C analysis for assessing quality of meat*. 22nd Conference “New Cryogenic and Isotope Technologies for Energy and Environment” - EnergEn 2018, Băile Govora, Romania, 2018.

Iordache, A.M., Iordache, M., **Voica, C.**, Sandru, C., Costinel, D., Ionete, R. *Aspects on advanced isotopic and multiparametric investigation of surface waters as support in environmental processes*. 22nd International Mass Spectrometry Conference (IMSC), Florenta, Italy, 2018.

Iordache, A.M., **Voica, C.**, Zgavarogea, R., Suvar, S., Ionete, R., Culea, M. *Characterization of Romanian honeys according to their multi-element analysis using ICP-MS technique*. Informal Meeting of Mass Spectrometry, 35th IMMS, Aussois, Franta, 2017.

Zgavarogea, R., **Voica, C.**, Iordache, A.M., Bleiziffer, R., Suvar, S., Culea, M. *Metal content of some romanian wines*. Informal Meeting of Mass Spectrometry, 35th IMMS, Aussois, Franta, 2017.

Cristea, G., Magdas, D.A., **Voica, C.**, Feher, I., Radu, S., Puscas, R. *Isotopic and Elemental Analysis – a Tool to Differentiate Between Greenhouse and Field Vegetables Commercialized on Romanian Market*. XIVth Workshop of the European Society for Isotope Research – ESIR. Băile Govora, Romania, 2017

Bora, F., **Voica, C.**, Postolache, E., Donici, A. *Traceability of heavy metals and strontium-lead isotope characterization*. XIVth Workshop of the European Society for Isotope Research – ESIR. Băile Govora, Romania, 2017

Magdas, D.A., Feher, I., Dehelean, A., Cristea, G., **Voica, C.**, Radu, S., Puscas, R., et.al. *Discrimination markers for geographical and species origin of raw milk produced in three Romanian farms*. 3th International Turkish Congress on Molecular Spectroscopy, TURCMOS, Bodrum, Turcia, 2017.

Voica, C., Lazar, D., Magdas, D.A. *Removal of Toxic Metals from Water Using Nanostructured Carbon Materials*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2017.

Dehelean, A., Cristea, G., Balazs, Z., Magdas, D.A., Feher, I., **Voica, C.**, Puscas, R. *Macro- and microelements distribution among Phaseolus Vulgaris L. plant parts, irrigated with water having different isotopic composition*. International Conference – Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2017.

Bora, F., Donici, A., Bunea, C.I., **Voica, C.** *Assessment of polluted areas based on the content of heavy metals in different organs of the grapevine (Vitis vinifera)*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2017.

Dehelean, A., Kovacs, M., Magdas, D.A., Cristea, G., **Voica, C.**, Feher, I., Kovacs, E.D., Marincas, O. *Infant food supplements quality evaluation through complex analytical methods*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2017

Magdas, D.A., Cristea, G., Radu, S., **Voica, C.**, Feher, I. *Survey on the authenticity of the cider commercialized on Romanian market*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2017.

Marincas, O., Feher, I., Floare-Avram, V., **Voica, C.**, Lazar, D., Magdas, D.A. *Wastewater decontamination using low-cost adsorbent materials obtained from agricultural waste*. International Conference –Isotopic and Molecular Processes PIM, Cluj-Napoca, 2017.

Mirel, S., Solobățiu, L., **Voica, C.**, Mirel, V., Lupșe, L. *Silver wound dressings: comparison of the antimicrobial efficacy of commercially available dressings*. International Conference –Isotopic and Molecular Processes PIM, Cluj-Napoca, 2017.

Radu, S., Magdas, D.A., Feher, I., Cristea, G., Puscas, R., Dehelean, A., **Voica, C.**, *Chemometric approach for the differentiation of greenhouse grown vegetables from those cultivated in the field*. International Conference –Isotopic and Molecular Processes PIM, Cluj-Napoca, 2017.

Popescu, R.A., Magyari, K., Vulpoi, A., **Voica, C.**, Vodnar, D.C., Ponta, D., Papuc, I., Baia, L. *Morpho-structural characterization and antibacterial response of copper containing sol-gel silicates*. Biomaterials for Healthcare: Biomaterials for tissue and genetic engineering and the role of nanotechnology, 1st Biennial Conference, BioMah, Roma, Italia, 2016.

Popescu, R.A., Magyari, K., Licarete, E., **Voica, C.**, Papuc, I., Baia, L. *Copper containing silicate glass-ceramics designed for in vivo trials*. 11th International Conference on Physics of Advanced Materials, Cluj-Napoca, Romania, 2016.

Floare-Avram, V., **Voica, C.**, Feher, I., Marincas, O., Magdas, D.A. *Influence of growing conditions on: phenolic, elemental and isotopic profile of tomatoes*. International Conference of the 43 Slovak Society of Chemical Engineering, Slovakia, 2016.

Voica, C., Iordache, A.M., Feher, I., Magdas, D.A. *Multi-element analysis of mineral and trace elements in herbal plants by ICP-MS technique*. Informal Meeting on Mass Spectrometry, 34th IMMS, Italia, 2016.

Suvar, S., Bleiziffer, R., Podea, P., Iordache, A.M., **Voica, C.**, Culea, M. *Comparison of fatty acids and metals of some seeds*. Informal Meeting on Mass Spectrometry, 34th IMMS, Italia, 2016.

Iordache, A.M., **Voica, C.**, Costinel, D., Ionete, R., Culea, M. *Investigation of minerals and toxic metals of aromatic plants used as spices and condiments*. Informal Meeting on Mass Spectrometry, 34th IMMS, Italia, 2016.

Voica, C., Feher, I., Magdas, D.A., Cristea, G. *Metal content in selected vegetables from the Romanian market and estimation of the daily intake*. International Conference Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences, IC-ANMBES, Brasov, Romania, 2016.

Voica, C., Lazar, D., Blanita, G., Magdas, D.A. *Wastewater decontamination using highly porous Metal Organic Framework (MOF) and nanostructured carbon materials*. International Conference Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences, IC-ANMBES, Brasov, Romania, 2016.

Cristea, G., Magdas, D.A., **Voica, C.**, Puscas, R. *Vegetable Characterization Using Stable Isotope and Elemental Signature*. International Conference Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences, IC-ANMBES, Brasov, Romania, 2016.

Cristea, G., Magdas, D.A., **Voica, C.** *Stable Isotope Fingerprinting In Pharmaceuticals Authentication*. International Conference Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences, IC-ANMBES, Brasov, Romania, 2016.

Iordache, A.M., **Voica, C.**, Geana, I., Suvar, S., Ionete, R., Culea, M. *Assessment of heavy metals in cosmetics products for health impact*. 33rd Informal Meeting on Mass Spectrometry, Szczyrk, Polonia, 2015.

Voica, C., Iordache, A.M., Ionete, R. *Studies on the content of metals in environmental samples from Romania, using ICP-MS*. Czech Chem. Soc. Symp. Ser. 13, xxx–yyy (2015) Chemistry & Life 2015, Brno, 2015.

Iordache, A.M., **Voica, C.**, Ionete, R. *Metal content determination in seafood and fish feed species from Romania market*. Czech Chem. Soc. Symp. Ser. 13, xxx–yyy (2015) Chemistry & Life 2015, Brno, 2015.

Sonia Suvar, Iordache, A.M., **Voica, C.**, Ionete, R., Monica Culea. *Comparison on nutrient composition of some vegetable oils*. Czech Chem. Soc. Symp. Ser. 13, xxx–yyy (2015) Chemistry & Life 2015, Brno, 2015.

Voica, C., Iordache, A.M., Dehelean, A., Cristea, G., Magdas, D.A., Mirel, V. *Multielement determination of some types of commercially available coffee by ICP-MS*. International Conference –Isotopic and Molecular Processes PIM, Cluj-Napoca, 2015.

- Iordache, A.M., **Voica, C.**, Geana, I., Ionete, R., Culea, M. *Characterization of Romanian honeys according to their multi-element analysis using ICP-MS*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2015.
- Feher, I., **Voica, C.**, Avram, V., Marincas, O., Oprean, I. *Assessment of River water quality using chemometric techniques*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2015.
- Balazs, Z., **Voica, C.**, Dehelean, A., Magdas, D.A., Ristoiu, D. *Comparative study on macro- and micro-elements concentration in *Nicotiana tabacum* and *Faba siliquis* plants by ICP-MS*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2015.
- Cristea, G., Magdas, D.A., **Voica, C.**, Iordache, A.M., Dehelean, A., Mirel, V. *Carbon isotope composition of human hair*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2015.
- Marincas, O., Avram, V. Feher, I., Ioan Grosu, **Voica, C.**, Dehelean, A. *Low-cost adsorbent materials derived from coffee waste for wastewater decontamination*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2015.
- Magdas, D.A., Dehelean, A., Cristea, G., **Voica, C.**, Dan S.D., Puscas, R. et.al. *Characterization of Transylvanian milk from isotopic ratios of bio-elements and metal content point of view*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2015.
- Dehelean, A., Schmutzer, G., Magdas, D.A., Cristea, G., **Voica, C.** *Quality of some Romanian commercial orange juices: An assessment using stable isotopes, minerals content and volatile organic compounds*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2015.
- Voica, C.**, Kovacs, M., Tusa, F., Iordache, A.M. *Multivariate characterization of Romanian wines according to their metallic and organic content*. EUROFOOD CHEM XVII, Istanbul, Turcia, 2013.
- Voica, C.**, Kovacs, M. *Mineral and trace metal levels in some foodstuffs collected from Romania market*. EUROFOOD CHEM XVII, Istanbul, Turcia, 2013.
- Magdas, D.A., Cristea, G., **Voica, C.**, Mirel, V. *The isotopic composition and trace metal content of some Romanian beers*. EUROFOOD CHEM XVII, Istanbul, Turcia, 2013.
- Avram, V., Cristea, G., Magdas, D.A., **Voica, C.**, Hosu, A., Cimpoiu, C., Marutoiu, C. *Isotopic oxygen ratios and trace metals determination in some Romanian commercial wines*. EUROFOOD CHEM XVII, Istanbul, Turcia, 2013.
- Cristea, G., **Voica, C.**, Puscas, R., Magdas, D.A. *Characterising the origin of bottled waters on the Romanian market using IRMS and ICP-MS*. 13th International Balkan Workshop on Applied Physics, Constanta, 2013.
- Voica, C.**, Kovacs, M., Vadan, M. *Mineral, trace metal and organic content characterization of selected beers from Romanian market*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2013.
- Voica, C.**, Kovacs, M. *Studies on the content of heavy metals in Aries River, using ICP-MS*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2013.
- Simina Dreve, **Voica, C.**, Maria Georgiu. *Instrumental analysis for differentiation of beers and evaluation of beer ageing*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2013.
- Olenic, L., Vulcu, A., Chiorean, I., Crisan, M., Berghian-Grosan, C., Dreve, S., David, L., Tudoran, L.B., Kacso, I., Bratu, I., Neamtu, C., **Voica, C.** *Effect of Natural Extracts pH on Morphological Characteristics of Hybrid Materials Based on Gold Nanoparticles*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2013.
- Kovacs, M., Ristoiu, D., **Voica, C.**, Moldovan, Z. *Climate change influence on drinking water quality*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2013.
- Cristea, G., Puscas, R., **Voica, C.**, Magdas, D.A., Mirel, V. *Stable isotope composition of Romanian still mineral waters*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2013.
- Feher, I., Schmutzer, G., **Voica, C.**, Moldovan, Z. *Determination of formaldehyde in Romanian cosmetic products using Coupled GC/MS System after SPME Extraction*. International Conference –Isotopic and Mollecular Processes PIM, Cluj-Napoca, 2013

Kovacs, M. Moldovan, Z., Ristoiu, D., **Voica, C.** *Micropollutants gas chromatographic-mass spectrometric biomonitoring from noninvasively collected biological matrices.* 1st International Symposium on Profiling- ISPROF, Portugalia, 2013