

INFORMAȚII PERSONALE

Mihaela IORDACHE

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Sexul Feminin | Data nașterii 23/12/1976 | Ramnicu Valcea | Nationalitatea Romana

EXPERIENȚA PROFESIONALĂ

Octombrie 2017-
prezent

Cercetator Stiintific gradul 3 -CSIII

Institutul National de Cercetare-Dezvoltare pentru Tehnologii Criogenice si Izotopice –ICSI Rm. Valcea, Strada Uzinei, nr. 4, 240050, Ramnicu-Valcea, Romania

Decembrie 2013

Titlu stiintific de doctor in Chimie

Facultatea de Chimie Aplicata si Stiinta Materialelor, Universitatea Politehnica Bucuresti, Romania

Aprilie 2013
Septembrie 2017

Șef Sucursala Râmnicu Vâlcea, INCD ECOIND Bucuresti

- Organizare, coordonare activitate de cercetare de laborator: control analitic, monitorizare factori de mediu apa, sol ;
- Control analitic ape reziduale, ape freatice, soluri, sedimente;
- Analize fizico-chimice prin metoda spectrofotometrica UV-VIS, cromatografie in faza gazoasa, spectometrie de absorbtie atomica in flacara;
- Responsabil analist, Responsabil calitate si mediu.

Decembrie 2007
Septembrie 2017

Cercetator Stiintific gradul 3 - CSIII

Institutul National de Cercetare-Dezvoltare pentru Ecologie Industriala –ECOIND Bucuresti, Sucursla Rm. Valcea, Strada Uzinei, nr. 1, 240050, Ramnicu-Valcea, Romania

Decembrie 2002
Decembrie 2007

Cercetator Stiintific - CS

Institutul National de Cercetare-Dezvoltare pentru Ecologie Industriala –ECOIND Bucuresti, Sucursla Rm. Valcea, Strada Uzinei, nr. 1, 240050, Ramnicu-Valcea, Romania

Mai 2001
Decembrie 2002

Asistent cercetare (ACS)

Institutul National de Cercetare-Dezvoltare pentru Ecologie Industriala –ECOIND Bucuresti, Sucursla Rm. Valcea, Strada Uzinei, nr. 1, 240050, Ramnicu-Valcea, Romania

EDUCAȚIE ȘI FORMARE

Octombrie 2010
Decembrie 2013

Doctor in chimie

Facultatea de Chimie Aplicata si Stiinta Materialelor, Universitatea Politehnica Bucuresti, Romania

- Titlul tezei de doctorat: „*Evaluarea poluării cu substanțe prioritare periculoase a ecosistemelor apă și sediment în zona unei platforme industriale complexe și metode de distrugere a poluanților*”

Octombrie 2007
Mai 2009

Master

Management in Administratie si Servicii Publice, Universitatea Constantin Brancoveanu, Pitesti, Romania

Octombrie 1996
Iunie 2000

Licentiat in Chimie

Facultatea de Chimie, Specializare Biochimie Tehnologica, Universitatea Bucuresti, Romania

septembrie 1991
Iunie 1995

Diploma Bacalaureat

Liceul Teoretic Alexandru Lahovari, Ramnicu Valcea, Romania

COMPETENTE PERSONALE

Limba(i) maternă(e) Romana

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleza	C1/2	C1/2	C1/2	C1/2	C1/2
Franceza	A1/2	A1/2	A1/2	A1/2	A1/2

Scrieți denumirea certificatului. Scrieți nivelul, dacă îl cunoașteți.

Niveluri: A1/2: Utilizator elementar - B1/2: Utilizator independent - C1/2: Utilizator experimentat
Cadrul european comun de referință pentru limbi străine

Competențe organizaționale/manageriale

- Organizare, coordonare activitate de cercetare de laborator: control analitic, monitorizare factori de mediu apa, sol
- Experiența pe proiecte naționale.
- Sportul, Cititul

Alte competențe
Competențe informatice

- Microsoft Windows XP & Microsoft Windows 10
- Microsoft Office 2013

INFORMATII SUPLIMENTARE
Afilieri

Membru al Societatii Romane de Chimie.

Proiecte:

Programul/Proiectul	Funcția	Perioada: de la... până la...
PN 16 25 010 "Cercetari privind aplicarea procedeelor sonochimice la degradarea compusilor organici din ape uzate".	Responsabil proiect INCD ECOIND Rm. Valcea	2016-2017
PN 16-25.02.07 –: "Impactul ecologic asupra mediului inconjurator generat de substantele toxice prezente in apele geotermale".	Membru proiect INCD ECOIND Rm. Valcea	2016-2017
PN 16 25 01 01 „Elaborare de noi senzori electrochimici modificați cu diferite matrice utilizați pentru detecția de poluanți din mediu”.	Membru proiect INCD ECOIND Rm. Valcea	2016-2017
PN 09 13 02 32 “ Cercetari privind influenta substantelor organoclorurate asupra mediului (apa, sediment, biota)”.	Responsabil proiect INCD ECOIND Rm. Valcea	2015
PN 09 13 02 23 „Dezvoltarea de modele pentru managementul apei adaptate la specificul comunităților urbane”.	Membru proiect INCD ECOIND Rm. Valcea	2015
PN 09 13 02 17 „Evaluarea riscului de mediu cu ajutorul indicilor de poluare”.	Responsabil proiect INCD ECOIND Rm. Valcea	2014-2015

PN 09 13 02 12 "Cercetari privind monitorizarea concentratiei poluantilor specifici din panza freatica din zona unei platforme chimice in functie de noile directii legislative de protectie a apelor subterane"	Membru proiect INCD ECOIND Rm. Valcea	2014-2015
PN 09 13 02 15 "Evaluarea calitatii factorilor de mediu apa si sol intr-un ecosistem caracterizat prin cresterea si dezvoltarea activitatilor turistice sezoniere".	Responsabil proiect INCD ECOIND Rm. Valcea	2013-2015
PN 09 13 02 09 "Cercetari privind acumularea unor substante prioritare/prioritar periculoase in sol, ape si sedimente in zona unei platforme industriale complexe"	Responsabil proiect INCD ECOIND Rm. Valcea	2009-2013
PN 09-13 02 04 „Impactul poluarii cu mercur din activitati antropice istorice si actuale asupra ecosistemelor bazinului hidrografic Olt”	Membru proiect INCD ECOIND Rm. Valcea	2009-2013
PN 06-12.03.08 "Studiu experimental privind biodegradabilitatea unor substante prioritare/prioritar periculoase din ape uzate, in vederea stabilirii limitelor de admisibilitate in statii biologice de epurare"	Membru proiect INCD ECOIND Rm. Valcea	2006-2008
PN 03 06 02 04 „Supravegherea calitatii apei raului Olt in conditiile actuale de functionare ale principalelor platforme industriale care evacueaza ape uzate”	Membru proiect INCD ECOIND Rm. Valcea	2003-2005
PN 03 06 03 09 „Cercetări experimentale în bioreactoare în sistem omogen pentru stabilirea dinamicii biodegradării unor compuși organoclorurați”	Membru proiect INCD ECOIND Rm. Valcea	2003-2005

Carti nationale:

1. **Sonochimia in epurarea energo-intensiva a apelor**
Autori: Iordache Ioan si Iordache Mihaela
Editura Casa Cartii de Stiinta, Cluj-Napoca, Romania, 2009
ISBN 978-973-133-611-4
2. **Hidrogenul, vector de energie**
Editura AGIR, Bucuresti, Romania, 2016,
Autori: Iordache Ioan, Stefanescu Ioan, Gheorghe Adrian si Iordache Mihaela
ISBN 978-973-720-628-2

Publicatii indexate de Thomson Reuters Master Journal List cu factor de impact (IF):

1. "Removal of Bis(1-chloro-2-propyl)ether from wastewater using sonodegradation and biodegradation", Mihaela Iordache, Vasile Lucian Pavel, Lim Myunghee, Ioan Iordache, Environmental Engineering and Management Journal, 8, .2, (2009) 201-206, ISSN 1582-9596, (<http://omicrom.ch.tuiasi.ro/EEMJ/>). IF- 1.258/2013 si 1.096/2016
2. "The fenton and sono-fenton processes applied for pesticide degradation", Ioan Iordache, Steven Wilson, Elsa Lundanes, Mihaela Iordache, Vasile Lucian Pavel, Neculai Aelenei, Environmental Engineering and Management Journal, 9, 4, (2010) 519-525, ISSN 1582-9596, (<http://omicrom.ch.tuiasi.ro/EEMJ/>). IF- 1.258/2013 si 1.096/2016
3. "Towards a hydrogen economy in Romania: statistics, technical and scientific general aspects", Ioan Iordache, Adrian Gheorghe, Mihaela Iordache, International Journal of Hydrogen Energy, 38 (2013) 12231-12240. IF -2.93/2013 si 3.582/2016/2017.
4. " Evaluation of contamination with priority hazardous substances in Olt River water and sediments near the industrial platform of Ramnicu Valcea", Mihaela Iordache, Aurelia Meghea, Silvia Neamtu, Luisa Roxana Popescu, Ioan Iordache, Revista de Chimie (Rev. Chim. Bucharest), 65, 1, (2014) 87-93. IF – 0.677/2013 si 1.232/2016/2017
5. "Hydrogen underground storage in Romania, potential directions of development, stakeholders and general aspects", Ioan Iordache, Dorin Schitea, Adrian Gheorghe, Mihaela Iordache, International Journal of Hydrogen Energy, 39 (2014) 11071-11081. IF -2.93/2013 si 3.582/2016/2017
6. "Evaluation of the quality of environmental factors, soil and water in the Parang Mountains, Romania", Mihaela Iordache, Luisa Roxana Popescu, Florentina Pascu, Carol Lehr, Silvia Neamtu, Ioan Iordache, Revista de Chimie (Rev. Chim. Bucharest), 66, 7, (2015) 1009-1015. IF – 0.677/2013 si 1.232/2016/2017
7. "The environmental risk assessment in sediments from Jiu River, Romania", Mihaela Iordache, Luisa Roxana Popescu, Luoana Florentina Pascu, Ioan Iordache, Revista de Chimie (Rev. Chim. Bucharest), 66, 8, (2015) 1247-1252. IF – 0.677/2013 si 1.232/2016/2017
8. Evolution of Groundwater Quality in the Area of Chemical Platform, Popescu, Luisa Roxana, Iordache Mihaela, Buica George Octavian, Ungureanu Eleonora Mihaela, Pascu Luoana Florentina, Lehr Carol, Revista de Chimie (Rev. Chim. Bucharest), 66, 12, (2015), 2060-2064. IF – 0.677/2013 si 1.232/2016/2017
9. "Assessment of pollution with organochlorine substances in the accumulation lakes on the Olt River, using the Fugacity Model", Mihaela Iordache, Luisa Roxana Popescu, Silvia Neamtu, Luoana Florentina Pascu, Ioan Iordache, Revista de

- Chimie (Rev. Chim. Bucharest), 67, 6 (2016), 1186-1190. IF – 0.677/2013 si 1.232/2016/2017
10. Applications of the mathematical model Anova in the area of an industrial platform for assessment of groundwater quality, Journal of Environmental Protection and Ecology Popescu, L. R., Iordache, M., Pascu, L. F., Ungureanu, E. -M., Buica, G. – O. IF – 0.338/2013 si 0.774/2016`
 11. "Evaluation of heavy metal pollution into a complex industrial area from Romania", Mihaela Iordache, Ioan Viorel Branzoi, Luisa Roxana Popescu, Ioan Iordache, Environmental Engineering and Management Journal, 15, 2 (2016), 389-394. IF- 1.258/2013 si 1.096/2016
 12. Electrochemical Studies for New Azulene Compounds, Popescu Luisa Roxana, Arnold Georgiana Luiza, Ungureanu, Eleonora Mihaela, Iordache Mihaela, Pascu Luoana Florentina, Lehr Carol Blaziu, Revista de Chimie (Rev. Chim. Bucharest), 67, 8 (2016), 1451-1453. IF – 0.677/2013 si 1.232/2016/2017
 13. Impact of mercury pollution on soil, surface water and sediment ecosystems in the area of an old mercury mine, Popescu, Luisa Roxana, Iordache Mihaela, Ungureanu, Eleonora-Mihaela, Buica, George-Octavian, Environmental Engineering and Management Journal, 15, 5 (2016), 1087-1091. IF- 1.258/2013 si 1.096/2016
 14. "Chemical sonoreactors in environmental applications", Ioan Iordache, Dorin Schitea, Mihaela Iordache, Gheorghe Amza, Jong Soo Cho, Environmental Engineering and Management Journal – in Press, accepted for publication. IF- 1.258/2013 si 1.096/2016
 15. Hydrogen refueling station infrastructure roll-up, an indicative assessment of the commercial viability and profitability, Iordache, Ioan; Schitea, Dorin; Iordache, Mihaela, INTERNATIONAL JOURNAL OF HYDROGEN ENERGY Volume: 42 Issue: 8 Pages: 4721-4732 Published: FEB 23 2017 , IF -2.93/2013 si 3.582/2016/2017
 16. „Ultrasonic irradiation a chlorinated organic compounds (Tetrachlorethylene, Tetrachloroethene, 1, 1, 2 Trichloroethane) from water”, Mihaela Iordache, Luisa Roxana Popescu, Luoana Florentina Pascu, Ioan Iordache, Adriana Marinouiu, Accepted for publication, Revista de chimie, 68, 5 (2017). IF – 0.677/2013 si 1.232/2016/2017
 17. Hydrogen refueling station infrastructure roll-up, an indicative assessment of the commercial viability and profitability in the Member States of Europe Union, International Journal of Hydrogen Energy, Mihaela Iordache, Dorin Schitea, Ioan Iordache, Available online 26 October 2017, In Press, Corrected Proof, IF -2.93/2013 si 3.582/2016/2017.

Publicatii indexate de Thomson Reuters Master Journal List fara factor de impact (IF) sau in alte baze de date internationale:

1. "The hazardous substance environmental impact in the industrial area of Rm. Valcea", Iordache Mihaela, Branzoi Ioan Viorel, Iordache Ioan, Dobre Nicoleta Georgeta, Totea Georgeta, Progress of Cryogenics and Isotopes Separation, 15, 1, (2012) 79-87, ISSN 1582-2575. (CSA)
2. "Variation of the Olt River Quality Into the Industrial Complex Area of Ramnicu Valcea", Mihaela Iordache, Ioan Viorel Branzoi, Ioan Iordache, Luisa Roxana Popescu, Maria Taralunga, Progress of Cryogenics and Isotopes Separation, 15, 2, (2012) 65-71, ISSN 1582-2575, (CSA)
3. "Hazardous substances in water and Sediments of Olt River, downstream from Rm. Valcea", Mihaela Iordache, Ioan Iordache, Luisa Roxana Popescu, Diana Costinel, Progress of Cryogenics and Isotopes Separation - ISSN 1582-2575 [indexed in: Contemporary Science Association (CSA), EBSCO, ULRICH'S, SCIPPIO, GALE, INSPEC, INIS Romania], 16, 2, (2013) 117-126.
4. "Evaluation of the Soil Mercury Pollution Induced by the Chloro-Alkany Activities in Chemical Industrial Areas", Luisa-Roxana Popescu, Eleonora Mihaela Ungureanu, Mihaela Iordache, Georgiana-Anca Inel, Ioan Iordache, Progress of Cryogenics and Isotopes Separation [ISSN 1582-2575; indexed in: Contemporary Science Association (CSA), EBSCO, ULRICH'S, SCIPPIO, GALE, INSPEC, INIS Romania], 16, 2, (2013) 127-133.
5. „Determination of mercury in real samples by atomic spectrometry and stripping voltammetry”, Luisa-Roxana POPESCU, Eleonora-Mihaela UNGUREANU, G.-O. BUIICA, Cristina DINU, Mihaela IORDACHE, University Politehnica of Bucharest Scientific Bulletin, U.P.B. Sci. Bull., Series B, Vol. 75, Iss. 4, (2013), ISSN 1454 – 2331
6. "The Application of Pollution Indexes in the Assessment of Heavy Metal Pollution in Sediments", Mihaela Iordache, Luisa Roxana Popescu, Ioan Iordache, Progress of Cryogenics and Isotopes Separation [ISSN 1582-2575; indexed in: Contemporary Science Association (CSA), EBSCO, ULRICH'S, SCIPPIO, GALE, INSPEC, INIS Romania], 17, 2, (2014) 129-141.
7. „Monitoring of priority hazardous substances from an industrial platform area” - Mihaela IORDACHE, Aurelia MEGHEA, Luisa Roxana POPESCU, Nicoleta Georgeta DOBRE, Georgeta ȚOȚEA, U.P.B. Sci. Bull., Series B, (2014), Vol. 76, Iss. 2, pag. 179-192.
8. "Application of flow injection hydride generation coupled with ICP-OES for mercury detection in waters" - Luisa Roxana Mandoc (Popescu), Cristina Dinu, Mihaela Iordache, George-Octavian Buica, Eleonora-Mihaela Ungureanu, Luoana Florentina PASCU, U.P.B. Sci. Bull., Series B, Vol. 77, Iss. 3, (2015), pag. 33 – 38.
9. "Estimated transfer of volatile organochlorine substances in the ecosystems water, sediment, biota using the concept of fugacity", Mihaela Iordache, Luisa Roxana Popescu, Luoana Florentina Pascu, Ioan Iordache, Progress of Cryogenics and Isotopes Separation [ISSN 1582-2575; indexed in: Contemporary Science Association (CSA), EBSCO, ULRICH'S, SCIPPIO, GALE, INSPEC, INIS Romania], 18, 1, (2015) 99-114.
10. "Assessment of the potential ecological risk with heavy metals in surface sediments from accumulation lakes on the sector inferior of the Olt River" - Iordache Mihaela, Popescu Luisa Roxana, Pascu Luoana Florentina, Iordache Ioan, SIMI 2015, Bucharest, Romania, October, 2015, DOI: 10.21698/simi2015.0020.
11. "A strategic model for implementation of integrated urban water management", Lucian Constantin, Luisa Roxana Popescu, Mihaela Iordache, Carol Blaziu Lehr, SIMI 2015, Bucharest, Romania, October, 2015,

12. "The impact of pollution with (VOCs) and (BTEX) on the environment (water, sediment, biota) of the Olt River", Iordache Mihaela, Popescu Luisa Roxana, Pascu Luoana Florentina, Iordache Ioan, SIMI 2016, Bucharest, Romania, October, 2016, DOI: 10.21698/simi2016.0014
13. "Sono - chemical degradation of organic compounds from wastewater", Mihaela Iordache, Ioan Iordache, Luisa Roxana Popescu, Dorin Schitea, Luoana Florentina Pascu, Progress of Cryogenics and Isotopes Separation [ISSN 1582-2575; indexed in: Contemporary Science Association (CSA), EBSCO, ULRICH'S, SCIPPO, GALE, INSPEC, INIS Romania], 19, 1, (2016).
14. "The impact of pollution with (VOCs) and (BTEX) on the environment (water, sediment, biota) of the Olt River, Iordache Mihaela, Popescu Luisa Roxana, Pascu Luoana Florentina, Iordache Ioan, INCD ECOIND – INTERNATIONAL SYMPOSIUM – SIMI 2016, "THE ENVIRONMENT AND THE INDUSTRY", (2016), p. 119-126.
15. „Removal of organic compounds from water by sonochemical processes”, Iordache Mihaela, Iordache Ioan, Popescu Luisa Roxana, Marinouiu Adriana, Progress of Cryogenics and Isotopes Separation [ISSN 1582-2575; indexed in: Contemporary Science Association (CSA), EBSCO, ULRICH'S, SCIPPO, GALE, INSPEC, INIS Romania], 20, 1, (2017), 95-102.
16. „The sonodegradation of organic compounds from industrial wastewater”, Mihaela Iordache, Luisa Roxana Popescu, Ioan Iordache, INCD ECOIND – INTERNATIONAL SYMPOSIUM – SIMI 2016, "THE ENVIRONMENT AND THE INDUSTRY", (2017).

Publicatii in volume specializate fara cotatie ISI:

1. "Industrial influence of the Olt river water quality in Rm. Valcea area between 1987 and 2004, in the same time, there was pointed out the industrial evolution and water environmental impact", Mihaela Zgripcea, Maria Taralunga – "International Symposium „Environmental and Industry”, Bucharest, October 19-21, Vol.I , 313-322, (2005), ISBN 973-87290-8-4
2. "Supervision control of toxic chemicals according to HG 118/2002 in the waste water effluents of the OLTCHIM area, in order to protect the Olt river by toxic chemicals and prevent the possible pollution", Maria Taralunga, Mihaela Zgripcea, International Symposium „Environmental and Industry”, October 19-21, Bucharest, Vol.I, 309-312, (2005), ISBN 973-87290-8-4
3. „Impact elements on the environment at the shutting of dangerous residues pit”, Maria Taralunga, Mihaela Iordache, International Symposium „Environmental and Industry”, October 25-27, (2007)
4. "Consideration about biodegradation of organochlorinated aliphatic compounds from wastewaters", Mihaela Iordache, Maria Taralunga, "International Symposium „Environmental and Industry”, October 25-27, (2007)
5. "The Olt river quality into Rm.Valcea industrial area in 2008", Mihaela Iordache, Maria Taralunga, Luisa Roxana Mandoc, "International Symposium „Environmental and Industry”, October 25-27, (2009), ISSN 1843-5831
6. „Supervision control of toxic chemicals according to GD 351/2005 in the waste water effluents of the Oltchim area”, Maria Taralunga, Mihaela Iordache, Luisa Roxana Mandoc, "International Symposium „Environmental and Industry”, October 25-27, (2009), ISSN 1843-5831
7. "The impact of mercury on the Olt river water, sediment and soil around the pollutant sources", Luisa Roxana Mandoc, Maria Taralunga, Mihaela Iordache, "International Symposium „Environmental and Industry”, October 25-27, (2009), ISSN 1843-5831
8. "Assess the degree of accumulation of substances priority/hazardous pollutants in soil and sediment sources around the Olt river, upstream and downstream of wastewater discharges from industrial platform Ramnicu Valcea", Mihaela Iordache, Maria Taralunga, Luisa Roxana Popescu, Nicoleta Georgeta Dobre, Georgeta Totea, "International Symposium „Environmental and Industry”, November 16-18, (2011), ISSN 1843-5831
9. The impact of mercury pollution on ecosystems soil, water / sediment from Olt River Basin ", Luisa Roxana Popescu, Mihaela Iordache, Maria Taralunga, "International Symposium „Environmental and Industry”, November 16-18, (2011), ISSN 1843-5831.

Studii publicate in proceedings ale conferintelor stiintifice recunoscute la nivel national si international:

1. "Modern wastewater treatment methods: The kinetic of sonochemical cyanide oxidation", Ioan Iordache, Mihaela Iordache, Mircea Teodor Nichita, Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), Sinaia, September, 18-22, 2007,
2. "Water qualitative Olt River upstream and downstream of SC OLTCHIM S.A. in 2007", M. Taralunga, M. Iordache, L. R. Mandoc, a XXX – a National Conference Chemistry, Calimanesti - Caciulata, Valcea, October, 8-10, 2008
3. "Considerations on the biodegradation of priority substances / priority hazardous wastewaters", M. Iordache, M. Taralunga, L. R. Mandoc, a XXX – a National Conference Chemistry, Calimanesti - Caciulata, Valcea October, 8-10, 2008
4. "Modern wastewater Treatment methods: sonochemical processes", Iordache Ioan, Mihaela Iordache, Nichita Mircea Teodor, Patularu Laurentiu, NUCLEAR 2008, Annual International Conference on Sustainable Development through Nuclear Research and Education Pitesti, Romania, May 28-30, 2008
5. "Establishment of state impurity priority/a dangerous soil, water and sediment from the river Olt, Ramnicu Valcea industrial area platform", Mihaela Iordache, Maria Taralunga, Luisa Roxana Popescu, 06-08.10.2010 - Ramnicu Valcea - "The XXXI-st Romanian Chemistry Conference "
6. "Seasonal fluctuations of mercury pollution from ecosystems soil, water/sediment in Olt river basin", Luisa Roxana Popescu, Maria Taralunga, Mihaela Iordache, 06-08.10.2010 - Ramnicu Valcea - " The XXXI-st Romanian Chemistry Conference "
7. "The fuel cell industrial application: Energy saving and environmental protection in electrochemical chlor-alkali plants using PEMFC", Iordache Ioan, Adrian Schervan, Alessandro Delfrate, Iordache Mihaela, First Regional Symposium on Electrochemistry of South-East Europe, Crveni Otok, Rovinj, Istria, Croatia, May 4-8, 2008,

8. "Fenton and sono-Fenton degradation of bisphenol A", Iordache Ioan, Iordache Mihaela, Steven Wilson, Elsa Lundanes, Aelenei Neculai, Environmental Research and Mitigation of Water Pollution in Romania and in the Lower Danube Region, September 3-5, 2008,
9. „Water and wastewater treatment methods: biodegradation and sonodegradation of removal bis(1-chloro-2-propyl)ether from water”, Iordache Ioan, Iordache Mihaela, Nichita Mircea Teodor, Patularu Laurentiu, The 6th International Conference of the Chemical Societies of the South-Eastern European Countries, Sofia, Bulgaria, 10-14, September, 2008,
10. "Laboratory research for organic wastewaters treatment using coagulation, flocculation and adsorption", Iordache Ioan, Gaspar Costinela, Marinescu Daniela, Iordache Mihaela, The 30th National Chemistry Conference, Caciulata-Calimanesti, October, 8-10, 2008,
11. "Study of the 1, 2 dichloride propane stability influenced by humidity and atmospheric oxygen in the presence of stainless steel", Iordache Ioan, Marinouiu Adriana, Iordache Mihaela, Teodorescu Constantin, Patularu Laurentiu, Marinescu Daniela The 30th National Chemistry Conference, Caciulata-Calimanesti, October, 8-10, 2008,
12. "Copper recovery from waste catalysts of CuCl₂/Al₂O₃", Iordache Ioan, Teodorescu Constantin, Marinescu Daniela, Iordache Mihaela, Marinouiu Adriana, Patularu Laurentiu, The 30th National Chemistry Conference, Caciulata-Calimanesti, October, 8-10, 2008,
13. „Energy-intensive treatment methods: treatment of water with ultrasound”, Iordache Ioan, Jeehyeong Khim, Iordache Mihaela, Patularu Laurentiu, Ebrasu Daniela, Petreanu Irina, The 14th National Conference with International Participation "PROGRESS IN CRYOGENICS AND ISOTOPES SEPARATION", Calimanesti-Caciulata, Valcea, Romania, 29-31 October 2008,
14. "Propylene glycol obtaining by glycerol hydrogenolysis", Adriana Marinouiu, Ioan Iordache, Mihaela Iordache, Constantin Teodorescu, Spiridon Oprea, The 14th National Conference with International Participation "PROGRESS IN CRYOGENICS AND ISOTOPES SEPARATION", Calimanesti-Caciulata, Valcea, Romania, 29-31 October 2008,
15. "Industrial fuel cell system, premise for a hydrogen community", Iordache Ioan, Alessandro Delfrate, Ebrasu Daniela, Petreanu Irina, Patularu Laurentiu, Iordache Mihaela, The 14th National Conference with International Participation "PROGRESS IN CRYOGENICS AND ISOTOPES SEPARATION", Calimanesti-Caciulata, Valcea, Romania, 29-31 October 2008,
16. "Catalytic process for glycerol hydrogenation I. Reaction parameters optimization" Adriana Marinouiu, Ioan Iordache, Mihaela Iordache, Constantin Teodorescu, Victor Georgescu, The 15th National Conference with International Participation "PROGRESS IN CRYOGENICS AND ISOTOPES SEPARATION", Calimanesti-Caciulata, Valcea, Romania, 28-30 October 2009,
17. "Catalytic process for glycerol hydrogenation II. Selective hydrogenolysis with copper chromite catalysts", Mihaela Iordache, Adriana Marinouiu, Ioan Iordache, Daniela Marinescu, Spiridon Oprea, The 15th National Conference with International Participation "PROGRESS IN CRYOGENICS AND ISOTOPES SEPARATION", Calimanesti-Caciulata, Valcea, Romania, 28-30 October 2009,
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