

## Curriculum Vitae Europass

### Informații personale

Nume / Prenume **Paun Iuliana Claudia**

Adresa (e)

Telefon(oane)

Mobil:

Fax(uri)

E-mail(uri)

Nationalitate(-tăți) Română

Data nașterii

Sex Feminin

### Experiența profesională

Data mai 2001 - prezent

Funcția sau postul ocupat - chimist, cercetator științific III

Activități și responsabilități principale

- Activitate de cercetare fundamentala pentru studiul teoretic al problemelor in domeniul mediului inconjurator;
- Evaluarea calitatii factorilor de mediu – apa, sol, sediment, prin efectuarea de incercari fizico-chimice(electro-chimice, spectrometrice, volumetrice, gravimetrice) si ioncromatografice;
- Control analitic in cadrul analizelor fizico-chimice si ion cromatografice din probe de apa, sol, namol si deseuri;
- Responsabil faza proiect / membru in colectivul de lucru in peste 20 de proiecte de cercetare nationale si internationale: PNCDI -MENER, CALIST ; CEEX INFRAS, NUCLEU, B.EN.A-Tuborg ; PNII – CAPACITATI ; PARTENERIATE
- Dezvoltarea/ implementarea de noi metode analitice (spectrofotometrice si cromatografice) de dozare cantitativa a agentilor de suprafata neionici, cationici si amfoterici din probe de mediu;
- Optimizarea metodelor de analiza folosite pentru determinari de poluanti specifici prezenti in ape și soluri prin metode volumetrice, potențiometrice, spectrofotometrice si ioncromatografice;
- Studii privind controlul calitatii datelor analitice prin tehnici statistice și validare „in house” a metodelor dezvoltate in laborator;
- Consultanta de specialitate si asistenta tehnica pentru implementarea de metode fizico-chimice in laboratoarele de mediu.

Numele și adresa angajatorului Institutul Național de Cercetare-Dezvoltare pentru Ecologie Industrială – ECOIND, str. Drumul Podul Dâmboviței, nr. 71-73, sector 6, București, cod postal 060652  
Departament Control Poluare, Laborator Control Poluare Apa, Sol, Deseuri

### Educație și formare

Data 1999 - 2001

Calificarea / Diploma obținută Diploma de master în Controlul Calității Mediului

Numele și tipul instituției de învățământ/furnizorului de formare Universitatea București, Facultatea de Chimie, specializarea Controlul Calității Mediului

Nivelul în clasificarea națională sau internațională Studii de master

Data 1995 - 1999

Calificarea / Diploma obținută Diploma de licență în Chimie

Numele și tipul instituției de învățământ/furnizorului de formare Universitatea Bucuresti, Facultatea de Chimie, Specializarea chimiei

Nivelul în clasificarea națională sau internațională Studii universitare

Limb(i) maternal(e) **Româna**

Limba(i) străină(i) cunoscută(e) **Engleza,**

Autoevaluare

**Întelegere**

**Vorbire**

**Scriere**

*Nivel european (\*)*

Ascultare

Citare

Participare la  
conversație

Discurs oral

Exprimare  
scrisă

<b>Engleza</b>	B 2	Utilizator independent	B 2	Utilizator independent	B2	Utilizator independent	B 2	Utilizator independent	B 2	Utilizator independent
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(\* )Cadrul European Comun de Referință pentru Limbi Straine

**Competente si abilitati tehnice** Instruire in conformitate cu cerintele standardelor SR EN ISO 9001, SR EN ISO 14001 si SR EN ISO/CEI 17025;  
Pregătire în domeniul metrologiei în chimie, noțiuni teoretice privind trasabilitatea măsurării, incertitudinea, statistici aplicate, validare de metode, utilizarea materialelor de referință, comparații interlaboratoare.

**Competente si aptitudini de utilizare a calculatorului** Operare software: MS Office (Word, Excel, PowerPoint, Publisher, Adobe)

**Permis de conducere** Categoria B

**Informatii suplimentare** Elaborare/revizuire standarde nationale/europene/internationale specifice chimiei analitice;

**Anexe** Cursuri de instruire; Experienta acumulata in contracte de monitorizare factori de mediu si in programe nationale/internationale;

### 1. Cursuri de instruire

Nr crt	Denumire, organizator, perioada
1	- Curs de perfectionare profesionala -"Water pollution" (Organizator : Balkan Environmental Association-B.EN.A., ianuarie – februarie, 2003, Bucuresti) ;
2	- Curs de instruire pentru operarea, intretinerea si functionarea Cromatografului de lichide UltiMate 3000 Standard cu detectori DAD, FLD si Corona Veo si Software Chromeleon 7.2 organizat de firma Thermo Fisher Scientific, martie 2015, Bucuresti
3	- Curs formator, GS Training Serv SRL, cod COR 242401 7-13.02.2017, certificat L 00102955

### 2. Lista comunicariilor stiintifice:

Nr. crt.	Autor	Titlul lucrarii, denumirea manifestarii stiintifice, perioada
1	Elena Voinea, <b>Iuliana Ciurcanu</b> , Mihaela Cruceanu, Margareta Nicolau, Eliza Leonte Pena	Efecte adverse generate de depozitele de steril in zona de confluenta a raurilor Sasar – Lapus (Bazinul Hidrografic Somes) asupra calitatii factorilor de mediu; managementul riscului, comunicata la AI 2 <sup>lea</sup> Workshop International "Impactul pe termen lung al activitatilor miniere in Bazinele Hidrografice Somes-Tisa. Protectia Mediului si Strategii Manageriale", Bucuresti, 28 Februarie 2002.
2	Elena Voinea, Irina Lucaciu, Margareta Nicolau, <b>Iuliana Ciurcanu</b> , Gentiana Rusu	The effect of specific pollutants upon biotic component – fish, in the lake aquatic ecosystems after the impact of wastewater discharges, comunicata la International Conference on "Fishing and Environment in SE Europe" of the Balkan Environmental Association (BENA) and Municipality of Preveza, Theofanios" Preveza – Hellas, Greece, 28 – 30 June 2002.
3	Elena Voinea, Margareta Nicolau, Irina Lucaciu, <b>Iuliana Ciurcanu</b> , Liliana Cruceru	Riscul produs de efectele adverse generate de haldele de steril la confluenta raurilor Lapus - Sasar asupra ecosistemelor acvatice; evaluarea riscului ecologic, comunicata la "A XXVII-a Conferinta Nationala de Chimie" Calimanesti - Caciulata, Valcea, 23 – 25 Octombrie 2002.
4	Elena Voinea, <b>Iuliana Ciurcanu</b> , Irina Lucaciu, Margareta Nicolau, Maria Taralunga	The relationship between algal communities and water quality in the lake aquatic ecosystems, downstream of the wastewater discharges – the main public perceptions with regarding to eutrophication, comunicata la The 5 <sup>th</sup> International Conference of the Balkan Environmental Association on "Transboundary Pollution", Belgrad, Yugoslavia, 7 – 10 November 2002.
5	Elena Voinea, Margareta Nicolau, Irina Lucaciu, Liliana Cruceru, <b>Iuliana Ciurcanu</b>	The impact of the tailing ponds in the proximity of the Sasar – Lapus Rivers (Somes River Basin) upon the environmental factors, comunicată la International Conference (an interdisciplinary conference dedicated to changes occurred within natural and human systems due to the presence of industrial tailing ponds) - "The environmental and socio-economic impacts of industrial tailings ponds", Oradea, 6 – 8 Martie 2003.

## 2. Lista comunicărilor științifice-continuare:

Nr. crt.	Autor	Titlul lucrării, denumirea manifestării științifice, perioada
6	Irina Lucaciu, Margareta Nicolau, <b>Iuliana Ciurcanu</b>	Technics and methods of controlling and evaluating the characteristics of biodegradation of anionic and nonionic surfactants, 1 <sup>st</sup> International Conference on Environmental Research and Assessment - ICERA, București 23-27 Martie 2003
7	Irina Lucaciu, Margareta Nicolau, <b>Iuliana Ciurcanu</b>	ECOIND strategy for assessing the biodegradability of organic compounds in an aqueous medium and evaluation their potential toxicity to activated sludge microorganisms, Regional Symposium Chemistry and the environment, Kruševac, Serbia and Montenegro, 18-22 iunie 2003
8	Elena Voinea, Jana Petre, Irina Lucaciu, Liliana Cruceru, Margareta Nicolau, Vasile Gabriela, Marcela Mitrita, Gentiana Rusu, <b>Iuliana Ciurcanu</b> , V. Iancu,	Dinamica spatiala si temporara a caracteristicilor de calitate fizico-chimica si a structurii comunitatilor biotice in ecosistemele acvatice din Biosfera Delta Dunarii, Simpozionul Interlatinal Mediul si Industria, Bucuresti, 29-31 octombrie 2003
9	<b>Iuliana Ciurcanu</b> , Irina Lucaciu, Elena Mihaila	Experimental research to elaborate and verify a spectrophotometric method for the determination of cationic surfactants concentrations in aques solutions, Simpozionul International Mediul si Industria, Bucuresti, 29-31 octombrie 2003
10	Irina Lucaciu, <b>Iuliana Ciurcanu</b> , Gentiana Rusu, Stefana Ionescu	Ecotoxicity methods applied for chemicals control in order to establish their compliance with the environment, International Symposium on Transboundary Pollution, Florina, Grecia, 13-15 Mai 2004
11	<b>Iuliana Ciurcanu</b> , Irina Lucaciu, Elena Mihaila	Elaborarea și verificarea în laborator a unei metode spectrofotometrice de determinare a concentrației de surfactanți amfoterici din soluții apoase, A XXVIII-a Conferință Națională de Chimie, Călimănești, Vâlcea, 6-8 Oct. 2004
12	Stefana Ionescu, <b>Iuliana Ciurcanu</b> , Eliza Pena-Leonte, Irina Lucaciu	Determinations of chemicals toxic effect on aquatic organisms ans microorganisms from activated sludge – comparative study of experimental values LC <sub>50</sub> and EC <sub>50</sub> obtained through two ecotoxicological methods, Simpozion Mediul și Industria, Bucuresti, 19-21 octombrie 2005
13	Elena Stanescu, <b>Iuliana Ciurcanu</b> , Stefana Ionescu, Irina Lucaciu	Studiu privind rolul macronevertebratelor bentonice in circuitul principalilor nutrienti din ecosistemele acvatice, Simpozion Mediul și Industria, Bucuresti, 19-21 octombrie 2005
14	Irina Lucaciu, Elena Voinea, <b>Iuliana Ciurcanu</b> , Stefana Ionescu, Margareta Nicolau, Victor Gubandru, Angelo Cavache, Mihai Grosfeld	Sistemul automat de monitorizare on-line a principalilor parametri fizico-chimici din salba de lacuri a raului Colentina, Conferinta Internationala ENERGIE-MEDIU, CIEM 2005, Bucuresti, 20-22 Octombrie 2005
15	Gheorghe Stefania, Irina Lucaciu, Anca Dinischiotu, Stoica Catalina, <b>Paun Iuliana</b>	Aquatic safety assessment for cationic and amphoteric surfactants, PREZENTARE ORALA, SIMI, The Environment and Industry, Bucuresti, Volum II, pag. 232-246, 16-18 noiembrie 2011
16	Irina Lucaciu, Gheorghe Stefania, Jana Petre, Iancu Vasile, <b>Paun Iuliana</b>	Are the pharmaceutical ingredients harmful for aquatic ecosystems? The Environment and Industry, POSTER, p.211, SIMI Bucuresti, 16-18 noiembrie 2011
17	Irina Lucaciu, Stefania Gheorghe, Jana Petre, Vasile Ion Iancu, <b>Iuliana Paun</b> , Margareta Nicolau	Occurrence and ecotoxicological effects of residual pharmaceuticals on aquatic environment, Unesco Symposium-Cum-Expert Meeting on Emerging Pollutants in Water, Belgrad, Serbia, prezentare orala si publicare in Conference Proceedings, p. 71-73. 9-11 iulie 2013
18	Gheorghe Stefania, Lucaciu Irina, <b>Paun Iuliana</b> , Catalina Stoica, Stanescu Elena, Alina Catrangu	Aquatic ecological risk assessment of chemical pollutants, The Environment and Industry, SIMI Bucuresti, 29-30.10. 2013
19	Gheorghe Stefania, Catalina Stoica, Stanescu Elena, Alina Catrangu, <b>Paun Iuliana</b> , Lucaciu Irina	Hazard classification of Danube–Danube Delta (water and sediment) based on organisms sensitivity, The Environment and Industry, SIMI Bucuresti, 29-30.10. 2013
20	Catalina Stoica, Stefania Gheorghe, <b>Iuliana Paun</b> , Elena Stanescu, Cristina Dinu, Jana Petre, Irina Lucaciu	Long-term biological changes along Danube Delta systems after industrialization period, The Environment and Industry, SIMI, Bucuresti, 29-30.10. 2013

## 2. Lista comunicarilor stiintifice-continuare:

Nr. crt.	Autor	Titlul lucrarii, denumirea manifestarii stiintifice, perioada
21	Stefania Gheorghe, Irina Lucaciu, <b>Iuliana Paun</b> , Catalina Stoica, Elena Stanescu	Environmental exposure and effects of some micropollutants found in Romanian surface waters, PREZENTARE ORALA International Congress on "Green infrastructure and sustainable societies / cities" GreInSus'14, Izmir, Turcia, Volum Abstracte ISBN 978-605-85204-0-0, pag. 34, 8-10 mai 2014
22	E.Stanescu, D. Scradeanu, C.Stoica, <b>I. Paun</b> , A. Catranguiu, B.Stanescu, C. Dinu	Structure and interactions of main abiotic components of Danube river and tributaries in Romanian Sector, PREZENTARE ORALA,,International Multidisciplinary Scientific Geoconferences" SGEM, Bulgaria, Albena, 17-26 iunie 2014
23	M.Nita-Lazar, A.Banciu, <b>I.Paun</b> , T.Galaon,C.Stoica, I.Lucaciu	Unravel the pesticide effect via a bacterial approach, POSTER, "International U.A.B.-BENA Conference Environmental Engineering and Sustainable Development, Alba Iulia, 28-30 Mai, 2015
24	S.Gheorghe, C.Stoica, <b>I.Paun</b> , I.Lucaciu, M.Nita-Lazar, S.Cristofor	Ecotoxicological tests used as warning system for Danube Delta quality assessment, PREZENTARE ORALA, International Symposium "The Environment and The Industry"- SIMI 2015, Bucuresti, Romania 29-30 Octombrie 2015
25	Stefania Gheorghe, <b>Iuliana Paun</b> , Alina Banciu, Gabriela Vasile, Vasile Ion Iancu, Mihai Nita-Lazar	Routine toxicity screening tests of environmental samples using plant sensivity, International Symposium The Environment and Industry, Bucuresti, 29-30 octombrie 2015
26	Catalina Stoica, Elena Stanescu, <b>Iuliana Paun</b> , Mihai Nita-Lazar, Stefania Gheorghe, Alina Banciu, Irina Lucaciu	Trophic status of Danube River and its tributarie using Chlorophylla as Indicator, International Symposium The Environment and Industry-SIMI, Bucuresti, p. 96-104, 2016
27	<b>Iuliana Paun</b> , Liliana Valeria Cruceru, Florentina Laura Chiriac, Marcela Niculescu, Gabriela Geanina Vasile, Nicoleta Mirela Marin	Water quality indices-methods for evaluating the quality of drinking water International Symposium The Environment and Industry-SIMI, Bucuresti, p.395-40, 2016 DOI:10.21698/simi.2016.0055
28	<b>Iuliana Paun</b> , Vasile Ion Iancu, Liliana Cruceru, Marcela Niculescu, Florentina Laura Chiriac, Diana Maria Puiu, Madalina Mihalache	Development and validation of HPLC/CAD method for simultaneous determinations of anionic, amphoteric and cationic surfactant mixtures -poster, International Symposium The Environment and Industry-SIMI, Bucuresti, 2016
29	Florinela Pirvu, Jana Petre, Liliana Cruceru, <b>Iuliana Paun</b> , Niculescu Marcela, Luana Florentina Pascu, Nicoleta Vasilache, Florentina Laura Chiriac	Physico-chemical characteristic and wastewater quality index for evaluating the efficiency of treatment process effluent, International Symposium The Environment and Industry-SIMI, Bucuresti, p.395-402, 2016
30	Nicoleta Vasilache, Liliana Cruceru, Jana Petre, Laura Florentina Chiriac, <b>Iuliana Claudia Paun</b> , Marcela Niculescu, Florinela Pirvu, Giovanina Lupu,	The removal of nitrate from drinking water, natural water by ion Exchange using ion exchange resin, purolite A520E and A500, 21th International Symposium The Enviroment and the Industry- SIMI Bucuresti, 20-21 septembrie 2018
31	Florentina Laura Chiriac, <b>Iuliana Paun</b> , Florinela Pirvu, Liliana Cruceru, Luana Florentina Pascu,	New LC-MS method for acrylamide determination in environmental Water samples, 21th International Symposium „The Enviroment and the Industry” SIMI Bucuresti, 20-21 september 2018 DOI: <a href="http://doi.org/10.21698/simi.2018.ab38">http://doi.org/10.21698/simi.2018.ab38</a>
32	Florinela Pirvu, Jana Petre, Liliana Cruceru, <b>Iuliana Paun</b> , Marcela Niculescu, Luana Florentina Pascu, Nicoleta Vasilache, Florentina Laura Chiriac	Physico-chemical characteristics and wastewater quality index for evaluating the efficiency of treatment process effluent, 21th International Symposium „The Enviroment and the Industry” SIMI Bucuresti, 20-21 september 2018

## 2. Lista comunicarilor stiintifice-continuare:

Nr. crt.	Autor	Titlul lucrarii, denumirea manifestarii stiintifice, perioada
33	<b>Paun Iuliana</b> , Chiriac Florentina Laura, Pirvu Florinela, Vasile Gabriela, Cruceru Liliانا Valeria, Marin Nicoleta Mirela, Niculescu Marcela, Vasilache Nicoleta, Galaon Toma	Assessment of heavy metals contamination in groundwater sources from Ialomita county, International Symposium “The Environment and the Industry”, 26-27 September 2019 DOI: <a href="http://doi.org/10.21698/simi.2019.ab18">http://doi.org/10.21698/simi.2019.ab18</a>
34	Iancu Vasile-Ion, Radu Gabriel-Lucian, Petre Jana, Galaon Toma, Scutariu Roxana, Parvu Florilena, <b>Paun Iuliana</b> , Serban Gabriel	Determination of glyburid, glimepirid and repaglinid in wastewater samples, International Symposium “The Environment and the Industry” 26-27 September 2019 DOI: <a href="http://doi.org/10.21698/simi.2019.ab27">http://doi.org/10.21698/simi.2019.ab27</a>
35	Chiriac Florentina Laura, <b>Paun Iuliana</b> , Pirvu Florinela, Iancu Vasile, Tatarus Alina, Lehr Carol Blaziu, Pascu Luoana Florentina, Galaon Toma	Occurrence of bisphenol a and its major metabolite 4-hydroxyacetophenone in some municipal wastewater treatment plants in Romania, International Symposium The Environment and the Industry-SIMI, Bucuresti, 26-27 September 2019 DOI: <a href="http://doi.org/10.21698/simi.2019.ab31">http://doi.org/10.21698/simi.2019.ab31</a>
36	Chiriac Florentina-Laura, Pirvu Florinela, <b>Paun Iuliana</b> , Stoica Catalina, Iancu Vasile-Ion, Serban Gabriel-Valentin, Niculescu Marcela, Pascu Luoana Florentina, Galaon Toma	AOX and TOC occurrence levels in surface water and sediments of DANUBE RIVER, International Symposium “The Environment and the Industry” Bucuresti, 24-25 September 2020 DOI: <a href="http://doi.org/10.21698/simi.2020.ab33">http://doi.org/10.21698/simi.2020.ab33</a>
37	Iancu Vasile-Ion, Niculescu Marcela, Petre Jana, Galaon Toma, Pirvu Florinela, <b>Paun Iuliana</b> , Vasilache Nicoleta, Tatarus Alina, Simion Marius	Analytical detection of the antidiabetic pharmaceuticals in wastewater treatment plants, International Symposium “The Environment and the Industry” Bucuresti, 24-25 September 2020 DOI: <a href="http://doi.org/10.21698/simi.2020.ab32">http://doi.org/10.21698/simi.2020.ab32</a>
38	Chiriac Florentina-Laura, <b>Paun Iuliana</b> , Stoica Catalina, Nita-Lazar Mihai, Pirvu Florinela, Iancu Vasile Ion, Niculescu Marcela, Galaon Toma	Biodegradation of bp-3 using gram-negative bacterial strains, International Symposium “The Environment and the Industry” Bucuresti, 24-25 September 2020 DOI: <a href="http://doi.org/10.21698/simi.2020.ab20">http://doi.org/10.21698/simi.2020.ab20</a>
39	Pirvu Florinela, Covaliu Cristina Ileana, Paraschiv Gigel, <b>Paun Iuliana</b> , Catrina (Traistaru) Gina Alina	Preliminary study of the removal of acetaminophen from wastewater, International Symposium “The Environment and the Industry” Bucuresti, 24-25 September 2020 DOI: <a href="http://doi.org/10.21698/simi.2020.ab17">http://doi.org/10.21698/simi.2020.ab17</a>
40	Florinela Pirvu, Cristina Ileana Covaliu, <b>Iuliana Paun</b> , Vasile Iancu, Nicoleta Vasilache, Marcela Niculescu, Gabriel Serban, Florentina Laura Chiriac	Adsorption of non-steroidal anti-inflammatory pharmaceutical residues using activated carbon from wastewater, International Symposium “The Environment and The Industry” Online, 24 September 2021 DOI: <a href="http://doi.org/10.21698/simi.2021.ab19">http://doi.org/10.21698/simi.2021.ab19</a>
41	Marcela Niculescu, Gabriel Serban, <b>Iuliana Paun</b> , Florinela Pirvu, Vasile Iancu, Nicoleta Vasilache, Luoana Florentina Pascu, Chiriac Florentina Laura	Evaluation of environmental pollution level caused by the food industry International Symposium “The Environment and The Industry” Online, 24 September 2021 DOI: <a href="http://doi.org/10.21698/simi.2021.ab23">http://doi.org/10.21698/simi.2021.ab23</a>
42	Nicoleta Vasilache, Elena Diacu, Florentina Laura Chiriac, Gabriela Geanina Vasile, <b>Iuliana Paun</b> , Florinela Pirvu, Anda Gabriela Tenea, Gabriel Valentin Serban, Alexandru Trandabat	Nitrate pollution and health risk assesment of groundwater in rural area from BOTOSANI, ROMANIA, International Symposium “The Environment and The Industry” Online, 24 September 2021 DOI: <a href="http://doi.org/10.21698/simi.2021.ab27">http://doi.org/10.21698/simi.2021.ab27</a>
43	<b>Iuliana Paun</b> , Cristina Ileana Covaliu, Florinela Pirvu, Nicoleta Vasilache, Vasile Iancu, Marcela Niculescu, Gabriel Serban, Florentina Laura Chiriac	Removal of a cationic surfactant from the wastewater using powdered activated carbon, International Symposium “The Environment and The Industry” Online, 24 September 2021 DOI: <a href="http://doi.org/10.21698/simi.2021.ab29">http://doi.org/10.21698/simi.2021.ab29</a>

## 2. Lista comunicarilor stiintifice-continuare:

Nr. crt.	Autor	Titlul lucrarii, denumirea manifestarii stiintifice, perioada
44	Daniel Mitru, <b>Iuliana Paun</b> , Catalina Stoica, Cristina-Ileana Covaliu, Gigel Paraschiv, Ioana Corina Moga, Gabriel Petrescu, Mihai Nita-Lazar	Toxicity of surfactants for two bacterial strains isolated from activated sludge, International Symposium "The Environment and The Industry" Online, 24 September 2021 DOI: <a href="http://doi.org/10.21698/simi.2021.ab32">http://doi.org/10.21698/simi.2021.ab32</a>
45	Vasile-Ion Iancu, Florentina Laura Chiriac, Marcela Niculescu, Roxana Scutariu, Jana Petre, <b>Iuliana Paun</b> , Florinela Pirvu, Cristina Dinu, Ionut Cristea	A new extraction and detection method for anti-diabetic compounds and their metabolites from WWTP sludge samples, International Symposium "The Environment and The Industry" Online, 24 September 2021
46	Nicoleta Vasilache, Elena Diacu, Cristina Modrogan, Laura Florentina Chiriac, Gabriela Vasile, <b>Iuliana Paun</b> , Vasile Iancu, Catalina Stoica, Florinela Pirvu, Marcela Niculescu	Assessment of soil fertility in the area of mining waste deposits, International Symposium "The Environment and The Industry" Online, September 2021 DOI: <a href="http://doi.org/10.21698/simi.2021.ab37">http://doi.org/10.21698/simi.2021.ab37</a>
47	Florentina Laura Chiriac, <b>Iuliana Paun</b> , Florinela Pirvu, Gabriel Serban, Vasile Iancu, Marcela Niculescu, Ionut Cristea, Luoana Florentina Pascu	New LC-MS/MS method for PFOA and PFOS determination in surface water samples, International Symposium "The Environment and The Industry" Online, 24 September 2021 DOI: <a href="http://doi.org/10.21698/simi.2021.ab46">http://doi.org/10.21698/simi.2021.ab46</a>
48	Nicolae Ionuț Cristea, Valentina Andreea Petre, <b>Iuliana Paun</b> , Florentina Laura Chiriac	Assessment of six herbicides from various classes in plants body parts by a novel GC-MS/MS method, International Symposium "The Environment And The Industry" on line, 29 September 2022 DOI: <a href="http://doi.org/10.21698/simi.2022.ab25">http://doi.org/10.21698/simi.2022.ab25</a>
49	Vasile-Ion Iancu, Florinela Pirvu, <b>Iuliana Paun</b> , Marcela Niculescu, Gabriel-Valentin Serban, Nicoleta Vasilache, Cristina Dinu, Valentina Andreea Petre, Florentina Laura Chiriac	Analytical strategy based on new chromatographic method for pharmaceutical residues in seawater, International Symposium "The Environment and The Industry" on line, 29 September 2022 DOI: <a href="http://doi.org/10.21698/simi.2022.ab24">http://doi.org/10.21698/simi.2022.ab24</a>
50	Gabriel-Valentin Serban, Claudia Maria Simonescu, <b>Iuliana Paun</b> , Florinela Pirvu, Vasile-Ion Iancu, Marcela Niculescu, Florentina Laura Chiriac	Elimination of methylene blue from synthetic aqueous solutions by absorption on chitosan compounds with synthetic hydroxiapatitis, International Symposium, "The Environment and The Industry" online, 29 September 2022 DOI: <a href="http://doi.org/10.21698/simi.2022.ab03">http://doi.org/10.21698/simi.2022.ab03</a>
	Paun Iuliana, Florentina Laura Chiriac, Florinela Pirvu, Vasile Ion Iancu, Cristina Ileana Covaliu	NEW HPLC METHOD FOR SURFACTANTS DETECTION IN WASTEWATERS SAMPLES,

## 3.List publicatiilor:

Nr. Crt	Autori	Titlul lucrarii, numele revistei
1	Irina Lucaciu, Elena Voinea, Margareta Nicolau, Gentiana Rusu, <b>Iuliana Ciurcanu</b>	„The temporal and spatial dynamics of the Biotic Communities Structure in the Aquatic Ecosystems from Danube Delta” Chem. Abs. RCBUAU Vol. 55 (6), pp 460 – 464, 2004
2	Elena Voinea (Stanescu), Ciprian Dumitrescu, Eliza Leonte-Pena, Rodica Doaga, <b>Iuliana Ciurcanu</b>	Considerations regarding the aquatic ecosystems characteristics (Sasar river, Racos rivulet) in the area of mining sterile landfill - Buletinul Științific și Tehnic al Universității Politehnice Timișoara, Seria Chimia și Ingineria Mediului, volum 49 (63), 1-2, pag. 126-1302004
3	Elena Voinea (Stanescu), <b>Iuliana Ciurcanu</b> , Irina Lucaciu, Eliza Leonte-Pena, Marinela Petrescu	Studies regarding the possibilities of Cr (VI) removal from industrial wastewater using phenols as electrons donor - Buletinul Științific și Tehnic al Universității Politehnice Timișoara, Seria Chimia și Ingineria Mediului, volum 49 (63), 1-2, pag. 122-125, 2004
4	Ramona Birlica, Elena Voinea, Margareta Nicolau, Marinela Petrescu, Adriana Cuciureanu, Monica Vidrighin, Irina Lucaciu, <b>Iuliana Ciurcanu</b>	Adverse effects caused by pyrites and sterile dump from Central pond area on environmental factors quality - groundwater and surface water, Journal Of Environmental Protection And Ecology, 8 (1) , p.85-93, 2007

5	G. Batrinescu; E. Birsan; G. Vasile; B. Stanescu; E. Stanescu; <b>I. Paun</b> ; M. Petrescu; C. Filote	Identification of the aquatic ecosystems integrating variables in the suceava hydrographic basin and their correlations, Journal Of Environmental Protection And Ecology 12(4) p.1627 – 1643, 2011
---	--	--

### 3.List publicatiilor-continuare:

Nr. Crt	Autori	Titlul lucrării, numele revistei
6	C.Stoica, <b>I.Paun</b> , E.Stanescu, I.Lucaciu, D.Niculescu	Spatial and temporal variation of chlorophyll “a” along Danube River, Journal of Environmental Protection and Ecology, 14, (3), 864-874, 2013
7	Catalina Stoica,Stefania Gheorghe, Irina Lucaciu, Elena Stanescu, <b>Iuliana Paun</b> , Daniela Niculescu	The impact of chemical compounds on benthic invertebrates from Danube-Danube Delta systems, accepted for publication in: Soil and Sediment Contamination, 23:1-16, 2014
8	Stefania Gheorghe, Irina Lucaciu, <b>Iuliana Paun</b> , Catalina Stoica, Elena Stanescu	Environmental exposure and effects of some micropollutants found in Romanian surface waters, Journal of Environmental Protection and Ecology, vol.15 (3), 878-889, 2014
9	Catalina Stoica, Stefania Gheorghe, <b>Iuliana Paun</b> , Cristina Dinu, Jana Petre, Elena Stanescu, Irina Lucaciu	Long-term biological changes along Danube and Danube Delta systems after industrialization period, accepted for publication in: RomAqua, XX, nr.1,vol.91, 14-20, 2014
10	E. Stanescu; F. Vosniakos; D. Scradeanu; <b>I. Paun</b> ; I. Lucaciu; B. Stanescu; L. Cruceru; G. Vasile; V. Iancu; M. Niculescu	Assessment of the abiotic components of the Danube River and main tributaries from southern part of Romania, Journal Of Environmental Protection And Ecology, 16(4) p. 1371 – 1379, 2015
11	Catalina Stoica, Jorge Camejo, Alina Banciu, Mihai Nita-Lazar, <b>Iuliana Paun</b> , Sergiu Cristofor, Osvaldo Rocha Pacheco, Miguel Guevara Lopez	Water quality of Danube Delta systems: ecological status and prediction using machine-learning algorithms, Water Science and Technology, 73(10):2413-21, 2016 doi: 10.2166/wst.2016.097
12	M.Nita-Lazar, T.Galaon, A.Banciu, <b>I.Paun</b> , C.Stoica, I.Lucaciu	Screening of various harmful compounds in a new bacterial biological model, Journal of Environmental Protection and Ecology, 17(1), p.237 – 247, 2016
13	S. Gheorghe, C.Stoica, <b>I.Paun</b> , I.Lucaciu, M.Nita-Lazar, S.Cristofor	Ecotoxicological tests used as warning system for Danube Delta quality assessment, Journal of Environmental Protection and Ecology,17(1), p.171 – 181, 2016
14	<b>Iuliana Paun</b> , Florentina Laura Chiriac, Nicoleta Mirela Marin, Liliana Valeria Cruceru, Luoana Florentina Pascu, Caro Blaziu Lehr, Corina Ene,	Water quality index an usefull tool for evaluation of Danube River raw water, Revista de chimie, 68, No.8, p.1732-1739, 2017
15	<b>Iuliana Paun</b> , Vasile Ion Iancu, Liliana Cruceru, Marcela Niculescu, Florentina Laura Chiriac	Simultaneous determination of anionic, amphoteric and cationic surfactants mixtures in surface water, Revista de chimie, 69, No.1, p.1732-1739, 2018
16	Florentina Laura Chiriac, <b>Iuliana Paun</b> , Florinela Pirvu, Liliana Cruceru, Luoana Florentina Pascu, Toma Galaon,	Parallel between offline-SPE-LC-MS and direct injection LC-MS methods for Acrylamide detection in drinking water at parts per trillion level, Revista de chimie, 69, No. 11, p. 4129-4133, 2018
17	Florentina Laura Chiriac, <b>Iuliana Paun</b> , Florinela Pirvu, Vasile Iancu, Toma Galaon	Fast and Sensitive LC-MS Detection of Bisphenol A and Butylhydroxyanisole in WWTP Sewage Sludge, Revista de Chimie (Rev. Chim.), 70, No.6, p. 2123-2127, 2019 <a href="https://doi.org/10.37358/RC.19.6.7288">https://doi.org/10.37358/RC.19.6.7288</a>
18	Florentina Laura Chiriac, <b>Iuliana Paun</b> , Florinela Pirvu, Toma Galaon	Fast and sensitive detection of acrolein in environmental water samples without derivatization using liquid chromatography tandem mass spectrometry, Environmental Science and Pollution Research, 26, p.36205–36213, 2019
19	Stefania Gheorghe, Irina Lucaciu, <b>Iuliana Paun</b> , Gabriela Geanina Vasile, Jana Petre, Vasile Ion Iancu, Catalina Stoica, Daniel Mitru, Mihai Nita-Lazar	Anthropogenic pollutants: 10 years of progress in ecotoxicological studies and aquatic risk assessment, Romanian Journal of Ecology & Environmental Chemistry, 1, 2019 <a href="https://doi.org/10.21698/rjeec.2019.104">https://doi.org/10.21698/rjeec.2019.104</a>
20	Catalina Stoica, Elena Stanescu, <b>Iuliana Paun</b> , Alina Banciu, Stefania Gheorghe, Irina Lucaciu, Gabriela Vasile, Mihai Nita-Lazar	Danube Delta: monitoring and ecological status. A link between past and the future, Romanian Journal of Ecology & Environmental Chemistry, 1, 2019 <a href="https://doi.org/10.21698/rjeec.2019.108">https://doi.org/10.21698/rjeec.2019.108</a>
21	Cristina Ileana Covaliu, <b>Iuliana Paun</b> , Eugeniu Vasile	New application of magnetite nanomaterial for a cationic surfactant removal from wastewater, Revista Română de Materiale / Romanian Journal of Materials, 50 (3), p.301 – 306, 2020

22	<b>Iuliana Paun</b> , Cristina Ileana Covaliu, Florinela Pirvu, Gigel Paraschiv, Mihai Nita-Lazar	Benzalkonium Bromide Cationic Surfactant Removal from Wastewater Using Magnetite Nanomaterial, Revista de Chimie (Rev. Chim.), 71, (4), p.289-296, 2020 <a href="https://doi.org/10.37358/RC.20.4.8067">https://doi.org/10.37358/RC.20.4.8067</a>
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### 3.List publicatiilor-continuare:

Nr. Crt	Autori	Titlul lucrării, numele revistei
23	Daniel Mitru, Irina Lucaciu, Mihai Nita-Lazar, Cristina Ileana Covaliu, Gheorghe Nechifor, Ioana Corina Moga, Bogdan Marin, <b>Iuliana Paun</b>	Impact of various surfactant classes on the microorganism community used for WWTP biodegradation treatment, Romanian Journal of Ecology & Environmental Chemistry, 2 (2), 2020 <a href="https://doi.org/10.21698/rjeec.2020.226">https://doi.org/10.21698/rjeec.2020.226</a>
24	<b>Iuliana Paun</b> , Vasile Ion Iancu, Florentina Laura Chiriac, Nicoleta Vasilache, Florinela Pirvu, Marcela Niculescu, Toma Galaon	New ion-chromatography method for detection of chlorite, chlorate and bromate in drinking water, Romanian Journal of Ecology & Environmental Chemistry, 2 (2), 2020 <a href="https://doi.org/10.21698/rjeec.2020.207">https://doi.org/10.21698/rjeec.2020.207</a>
25	Florinela Pirvu, <b>Iuliana Paun</b> , Florentina Laura Chiriac, Marcela Niculescu, Nicoleta Vasilache, Luoana Florentina Pascu, Toma Galaon	Spatio-temporal variation of nitrate and nitrite levels in groundwater samples from Romania, Romanian Journal of Ecology & Environmental Chemistry, 2 (2), 2020 <a href="https://doi.org/10.21698/rjeec.2020.208">https://doi.org/10.21698/rjeec.2020.208</a>
26	Nicoleta Vasilache, Elena Diacu, Gabriela Geanina Vasile, Cristina Modrogan, <b>Iuliana Claudia Paun</b> , Florinela Pirvu	Groundwater quality assessment for drinking and irrigation purposes using GIS, Piper diagram and water quality index, Romanian Journal of Ecology & Environmental Chemistry, 2 (2), 2020 <a href="https://doi.org/10.21698/rjeec.2020.214">https://doi.org/10.21698/rjeec.2020.214</a>
27	Florentina Laura Chiriac, <b>Iuliana Paun</b> , Florinela Pirvu, Vasile Iancu, Toma Galaon	Distribution, removal efficiencies and environmental risk assessment of benzophenone and salicylate UV filters in WWTPs and surface waters from Romania, New Journal of Chemistry, 45, p. 2478-2487, 2021
28	Florentina L Chiriac, <b>Iuliana Paun</b> , Florinela Pirvu, Luoana F Pascu, Toma Galaon	Occurrence and Fate of Bisphenol A and its Congeners in Two Wastewater Treatment Plants and Receiving Surface Waters in Romania, Environmental Toxicology and Chemistry, 40(2),p.435-446, 2021 doi: 10.1002/etc.4929.
29	Florentina Laura Chiriac, Florinela Pirvu, <b>Iuliana Paun</b>	Investigation of endocrine disruptor pollutants and their metabolites along the Romanian Black Sea Coast: Occurrence, distribution and risk assessment, Environmental Toxicology and Pharmacology, 86, 103673, 2021 <a href="https://doi.org/10.1016/j.etap.2021.103673">https://doi.org/10.1016/j.etap.2021.103673</a>
30	<b>Iuliana Paun</b> , Daniel Mitru, Cristina Ileana Covaliu, Gigel Paraschiv, Gheorghe Nechifor, Ioana Corina Moga, Alexandru Datcu-Manea, Mihai Niță-Lazăr	Biodegradation of anionic and cationic surfactants using bacterial strains from activated sludge, International Journal of Conservation Science 12(3), p.1171-1178, 2021
31	Nicoleta Vasilache, Elena Diacu, Cristina Modrogan, Irina Lucaciu, Gabriela Vasile, <b>Iuliana Claudia Paun</b> , Vasile Iancu	Forecasting methods for assessment of the biodegradability of wastewater from organic separators, University Politehnica Of Bucharest Scientific Bulletin (U.P.B. Sci. Bull.), Series B, Vol. 83, (4), 2021
32	<b>Iuliana Paun</b> , Florentina Laura Chiriac, Vasile Ion Iancu, Florinela Pirvu, Marcela Niculescu, Nicoleta Vasilache	Disinfection by-products in drinking water distribution system of Bucharest City, Romanian Journal of Ecology & Environmental Chemistry, 3(1), 2021 <a href="https://doi.org/10.21698/rjeec.2021.102">https://doi.org/10.21698/rjeec.2021.102</a>
33	Vasile-Ion Iancu, Roxana-Elena Scutariu, Gabriel-Lucian Radu, Marcela Niculescu, Cristina Dinu, <b>Iuliana Paun</b> , Florentina Laura Chiriac	Neonicotinoid insecticides as emerging contaminants in agricultural soil, Romanian Journal of Ecology & Environmental Chemistry, 3(1), 2021 <a href="https://doi.org/10.21698/rjeec.2021.105">https://doi.org/10.21698/rjeec.2021.105</a>
34	Gabriel-Valentin Serban, Marcela Niculescu, Vasile Iancu, <b>Iuliana Paun</b> , Florinela Pirvu, Catalin Manea, Florentina Laura Chiriac, Gabriela Geanina Vasile	Assessment of environmental pollution level caused by shipbuilding industry, Romanian Journal of Ecology & Environmental Chemistry, 3(2), 2021 <a href="https://doi.org/10.21698/rjeec.2021.213">https://doi.org/10.21698/rjeec.2021.213</a>
35	Florinela Pirvu, <b>Iuliana Paun</b> , Marcela Niculescu, Iancu Vasile Ion, Luoana Florentina Pascu, Florentina Laura Chiriac	Stoichiometry of carbon, nitrogen and phosphorus in wastewater from Romania, Romanian Journal of Ecology & Environmental Chemistry, 3(2), 2021 <a href="https://doi.org/10.21698/rjeec.2021.215">https://doi.org/10.21698/rjeec.2021.215</a>

36	<b>Iuliana Paun</b> , Florinela Pirvu, Vasile Ioanacu, Florentina Laura Chiriac	Occurrence and Transport of Isothiazolinone-Type Biocides from Commercial Products to Aquatic Environment and Environmental Risk Assessment, International Journal of Environmental Research and Public Health, 19(13):7777, 2022 doi: 10.3390/ijerph19137777.
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### 3.List publicatiilor-continuare:

Nr. Crt	Autori	Titlul lucrării, numele revistei
37	Florinela Pirvu, Cristina Ileana Covaliu-Mierla, <b>Iuliana Paun</b> , Gigel Paraschiv, Vasile Iancu,	Treatment of Wastewater Containing Nonsteroidal Anti-Inflammatory Drugs Using Activated Carbon Material, Materials, 15(2), 559; 2022, <a href="https://doi.org/10.3390/ma15020559">https://doi.org/10.3390/ma15020559</a>
38	Nicoleta Vasilache, Elena Diacu, Cristina Modrogan, Florentina Laura Chiriac, <b>Iuliana Claudia Paun</b> , Anda Gabriela Tenea, Florinela Pirvu, Gabriela Geanina Vasile	Groundwater Quality Affected by the Pyrite Ash Waste and Fertilizers in Valea Calugareasca, Romania, Water, 2022, 14, 20 <a href="https://doi.org/10.3390/w14132022">https://doi.org/10.3390/w14132022</a>
39	Florentina Laura Chiriac, Irina Eugenia Lucaciu, <b>Iuliana Paun</b> , Florinela Pirvu, Stefania Gheorghe	In Vivo Bioconcentration, Distribution and Metabolization Of Benzophenone-3 (BP-3) by Cyprinus carpio (European Carp), Foods, 11(11), 1627, 2022 <a href="https://doi.org/10.3390/foods11111627">https://doi.org/10.3390/foods11111627</a>
40	Florentina Laura Chiriac, Catalina Stoica, Roxana-Elena Scutariu, Florinela Pirvu, <b>Iuliana Paun</b> , Vasile Iancu, Toma Galaonț, Mihai Nita-Lazar	Occurrence and fate of Adsorbable Organic Halogens (AOX) in two WWTPs from Romania, Archives of Environmental Contamination and Toxicology, 82, p.592–601, 2022
41	Nicoleta Vasilache, Luisa Roxana Mandoc, Elena Diacu, Gabriela Geanina Vasile, Anda Gabriela Tenea, Alexandru Arcire, Gheorghe Batrinescu, <b>Iuliana Paun</b> , Stefania Gheorghe	Groundwater chemistry, pollution and health risk assessment for nitrogen compounds. A case study in a suburban region of Romania, Romanian Journal of Ecology & Environmental Chemistry, 4(2), 2022 <a href="https://doi.org/10.21698/rjeec.2022.201">https://doi.org/10.21698/rjeec.2022.201</a>
42	Florentina Laura Chiriac, Andreea Valentin Petre, Catalina Stoica, <b>Iuliana Paun</b> , Florinela Pirvu, Ionut Crist Nicoleta Vasilache, Marcela Niculescu, Gabriel Serban, Vasile-Ion Iancu	New tool for Gram-negative and Gram-positive bacterial strains differentiation through GCMS direct identification of exogenous VOC metabolites in headspace vials, Romanian Journal of Ecology & Environmental Chemistry, 4(1), 2022 <a href="https://doi.org/10.21698/rjeec.2022.103">https://doi.org/10.21698/rjeec.2022.103</a>
43	<b>Iuliana Paun</b> , Cristina Ileana Covaliu-Mierla	Determination of benzalkonium chlorides from wastewater using HPLC-DAD method, University Politehnica Of Bucharest Scientific Bulletin (U.P.B. Sci. Bull.), Series B, 85, (2), 2023
44	Florentina Laura Chiriac, Florinela Pirvu, <b>Iuliana Paun</b> , Valentina Andreea Petre	Perfluoroalkyl substances in Romanian wastewater treatment plants: Transfer to surface waters, environmental and human risk assessment, Science of The Total Environment, 892, 164576, 2023
45	Valentina Andreea Petre, Florentina Laura Chiriac, Irina Eugenia Lucaciu, <b>Iuliana Paun</b> , Florinela Pirvu, Vasile Ion Iancu, Laura Novac, Stefania Gheorghe	Tissue bioconcentration pattern and biotransformation of perfluorooctanoic acid (PFOA) in Cyprinus carpio (European Carp)-An Extensive In Vivo Study, Foods, 12(7), 141, 2023 <a href="https://doi.org/10.3390/foods12071423">https://doi.org/10.3390/foods12071423</a>
46	Valentina Andreea Petre, Nicoleta Vasilache, Anda-Gabriela Tenea, <b>Iuliana Paun</b> , Gabriela-Geanina Vasile, Daniel Rudaru, Laura Florentina Chiriac*	Environmental assessment of wastewater from food and beverage production in the Romanian urban water cycle, Romanian Journal of Ecology & Environmental Chemistry, 5(1), 2023 <a href="https://doi.org/10.21698/rjeec.2023.103">https://doi.org/10.21698/rjeec.2023.103</a>
47	<b>Iuliana Paun</b> , Cristina Ileana Covaliu-Mierla, Eugeniu Vasile	TiO <sub>2</sub> nanomaterial used as photocatalyst for degradation of benzalkonium chlorides (C14-BAC and C16-BAC) from wastewater, Revista Română de Materiale / Romanian Journal of Materials, 53 (2), p.124 – 129, 2023

### Book chapters

1.	Elena Stanescu, Catalina Stoica, Gabriela Vasile, Jana Petre, Stefania Gheorghe, <b>Iuliana Paun</b> , Irina Lucaciu, Margareta Nicolau, Fokion Vosniakos, Konstantinos Vosniakos, Mariana Golumbeanu	Structural changes of biological compartments in Danube Delta systems due to persistent organic pollutants and toxic metals, book Chapter 21 in L.I. Simeonov et al. (eds), Environmental Security Assessment and Management of Obsolete Pesticides in Southeast Europe, NATO Science for Peace and Security Series C: Environment Security, DOI 10.1007/978-94-007-6461-3_21, Springer Science+Business Media Dordrecht 2013, pp.229-248.
2.	Stefania Gheorghe, Irina Lucaciu, <b>Iuliana Paun</b> , Catalina Stoica, Elena Stanescu	Ecotoxicological behavior of some cationic and amphoteric surfactants (biodegradation, toxicity and risk assessment), book chapter 4, Biodegradation – Life Science, edited by Dr.

		Ronaldo Chamy and Francisca Rosenkranz, ISBN 978-953-51-1154-2, Editor InTech DTP, pp.83-114, 2013, www.intechopen.ro
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**Data**  
**18.09.2023**

**Semnatura**