

UNIVERSITATEA "OVIDIUS" DIN CONSTANȚA
 FACULTATEA: ȘTIINȚE APLICATE ȘI INGINERIE
 Departamentul: Chimie și Inginerie Chimică

LISTA DE LUCRĂRI

Conf. univ. dr. ing. Lucica BARBEȘ

A. TEZA DE DOCTORAT

A1. Lucica Barbeș (2003) *Compuși heterociclici cu efect antifouling*, Universitatea Politehnica din București, România, 225 pag; coordonator științific - Prof. univ. dr. ing. Corneliu Tărăbășanu-Mihăilă, Universitatea Politehnica din București

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Ca1. A. Bărbulescu, L. Barbeș, C.Ș. Dumitriu, *Statistical Assessment of the Water Quality Using Water Quality Indicators. A case study from India*, cap 26, în *Water Safety, Security and Sustainability*, Eds. A. Vaseashta, C. Maftai, Springer International Publishing, AG, Cham, 2021, 11 pag., ISBN 978-3-030-76007-6, eISBN: 978-3-030-76008-3. DOI: 10.1007/978-3-030-76008-3

Ca2. L. Barbeș – *Combustibili, lubrifianți și materiale speciale pentru autovehicule* – caiet de studiu individual – învățământ cu frecvență redusă, Editura Ovidius University Press, Constanța, 2020, ISBN 978-606-060-013-8 (228 pag.)

Ca3. L. Barbeș - *Chimie tehnologică generală* – note de curs, vol.I, Editura Ovidius University Press, Constanța, 2009, ISBN 978-973-614-475-2 (332 pag.)

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Vns9. A.Dumbrava, R.Olar, **L.Iacob**, Complex compounds with mixed ligands.I. Complex compounds of Zinc(II) and Cadmium(II) with p-diaminobenzene and thiosulphate, *Analele Universitatii Ovidius Constanța,Seria Inginerie*, vol.IX(Chimie), 11-18, **1998**

Vns10. N.Rășanu, **L.Iacob**, Synthesis of some epoxy resins based on 2-bis-(4- hydroxyphenyl)-4-bis-(4-hydroxyphenyl)-pentane, *Analele Universitatii Ovidius Constanța, Seria Inginerie*, vol.VI(Chimie), 56-59, **1995**.

Lucrări comunicate, cu rezumatul publicat în volumele conferințelor internaționale indexate ISI cu/fără scor de influență și cu factor de impact neprecizat sau nul.

Vrs1. **L. Barbeș**, A. Barbulescu, Modelling the water quality parameters in a wastewater treatment plant, in Abstract Proceedings of International Conference - IOP Conference Series: Earth and Environmental Science; ISSN: 1755-1307, vol 423, pp. 47

- Vrs2.** G. Stanciu, S. Lupsor, **L. Barbeș**, E. Oancea - *Determination of the polyphenolic compounds in alcoholic extract of Lavandula Augustifolia L. by HPLC/DAD* in Book of abstracts of International Conference - Chimia 2018, vol. 3, Ed. Ovidius University Press, Constanța, 2018, ISSN 2360-3941, pp. 36
- Vrs3.** **L. Barbes**, G. Stanciu, A. Popescu, M. Oancea - *Determination of the polyphenolic compounds in some red grapes and derivative products by HPLC/DAD* in Book of abstracts of International Conference - Chimia 2018, vol. 3, Ed. Ovidius University Press, Constanta, 2018, ISSN 2360-3941, pp. 92
- Vrs4.** E.Chirilă, T.Bari, **L.Barbeș**, Drinking water quality assasment in Constantya town, Challenges in Food Chemistry- International Woororkshop, Constanța, Romania, 28-29 Mai **2010**
- Vrs5.** **L. Barbeș**, Predicted concentrations of antifouling biocides released in the waters of commercial Constanța Harbour, CHIMIA 2009 International Conference – New trends in applied chemistry, ISBN: 978-973-614-500-1, Constanța, Romania, pp. 147-148, 13-16 mai **2009**
- Vrs6.** **L. Barbeș**, M. Salmain, G. Stanciu, A technique to immobilize trypsin on stainless steel as a means of preventing biofilms formation, Cinquime Colloque Franco-Roumain de Chimie Apliquee-CoFrRoCA, ISBN: 978-973-1833-77-4, Bacau, Romania, pp. 163, 25-29 iunie, **2008**
- Vrs7.** **L. Barbeș**, M. Velicu, L. Melnic, C. Ilie, Prevision of PM₁₀ concentration in urban areas from industrial sources using artificial neural network method, New trends in petroleum refining International Conference (book of abstracts), pp. 52-53, ISBN 978-973-614-410-3, **2007**
- Vrs8.** D. Badiu, N. Roșoiu, **L. Barbeș**, V. Coatu, A. Oroș, The sanitary comparative characterisation of the lipid extracts from *Mytilus galloprovincialis Lmk.* and *Rapana thomasiana Grosse* of th Black Sea coast, Protection and sustainable management of the Black Sea ecosystem, imperative of the third millennium, October 29th -31th, 2007, Constanța, Romania
- Vrs9.** R. Nita, D.L. Badiu, N. Rosoiu, **L. Barbeș**, A. Balu, E. Tanase, Research on lipid extracts from *Mytilus galloprovincialis Lmk.* and *Rapana thomasiana Grosse* from the Romanian Black Sea shore: usages for pharmaceutical purposes, P-36, 3rd International Meeting on Medicinal and Pharmaceutical Chemistry, 16-21 October 2007, Antalia,Turcia, pp.71, **2007**
- Vrs10.** D.L. Badiu, R. Nita, N. Rosoiu, **L. Barbeș**, A. Balu, The comparative study of lipid extracts from *Mytilus Galloprovincialis Lmk.*, *Rapana Thomasiana grosse* mollusks of the Black Sea and olive oil, The Annual International Conference of the Romanian Society of Biochemistry and Molecular Biology,6-8 September 2007(Annals of West University of Timisoara-Seria Chimie), 16(2), pp.81, **2007**
- Vrs11.** N. Rășanu, **L. Barbeș**, Synthesis of new sulphonium salts using tetrahydrothiophene, Chimia 2006 (Ovidius University Annals of Chemistry), pp.77, **2006**
- Vrs12.** M.Velicu, **L.Barbeș**, C. Drăghici, Modern procedure for organic compounds (VOC) analysis in the frame of the air pollution monitoring, Chimia 2006 (Ovidius University Annals of Chemistry, pp. 66, **2006**
- Vrs13.** S. Zagan, I. Berdan, T. Negreanu-Pirjol, **L. Barbeș**, Square-planar complex of gold (III) with dithiooxamide: synthesis in alkaline media, IR, UV-VIS and thermal analysis, Ovidius University Annals of Chemistry, pp. 29-30, **2006**

E. COMUNICĂRI ȘTIINȚIFICE

Lucrări prezentate la diferite seminarii/expoziții, conferințe, etc.

Participări la Conferințe naționale și internaționale

E1. A. Barbulescu, **L. Barbeș***, Y. Nazzal Tuesday, 19 November 2019, Environmental Modelling Chairman: Dr. Yousef Nazzal, Pollutants' Dissipation – Statistical Assessment and Modelling; oral session: New trends in assessment and modeling the water, air and soil hazards (comunicare)

12th International Conference on Sustainable Energy & Environmental Protection "SEEP 2019"

Proceedings of SEEP2019, 18-21 November 2019, UOS, Sharjah, UAE

https://www.sharjah.ac.ae/en/Media/Conferences/seep/Documents/SEEP2019_Book.pdf

E2. A. Barbulescu, **L. Barbes** - Modelling the water quality parameters in a wastewater treatment plant (**comunicare – WRE3311**) – oral session_3 - Water Quality Assessment

The 5th International Conference on Water Resource and Environment (WRE 2019), 16-19 Iulie **2019**, Macao, China

E3. A. Dani, A. Barbulescu, **L. Barbeș** - Statistical analysis of the quality indicators of the Danube river water (in Romania) (**comunicare - WS3-3S**) – sesiunea 3 - Control of hazardous substances in water and recovery of renewable/valuable resources from wastewater

WaterEnergyNEXUS - Advanced Technologies and Best Practices, 14-17 Noiembrie **2018**, Salerno, Italia

E4. **L. Barbeș**, G. Stanciu, A. Popescu, M. Oancea - Determination of the polyphenolic compounds in some red grapes and derivative products by HPLC/DAD (**poster PE 11**)

Chimia 2018 - New trends in applied chemistry, Constanța, Romania, 24-26 Mai **2018**, Constanta, Romania

E5. G. Stanciu, S. Lupsor, **L. Barbeș**, E. Oancea - Determination of the polyphenolic compounds in alcoholic extract of *Lavandula Augustifolia* L. by HPLC/DAD (**poster PA16**)

Chimia 2018 - New trends in applied chemistry, Constanța, Romania, 24-26 Mai **2018**, Constanta, Romania

E6. A. Barbulescu, **L. Barbeș** – Analysis of atmospheric pollutants' spreading in Romania

(**comunicare SO 6.14** - Stream 6-27 - Modelling the Impact of Human Activity, Behavior and Decisions on the Environment. Green Marketing Strategy and Green Consumer

“EcoSummit 2016 – 5th International Ecosummit – Ecological Sustainability Engineering Change, 29 august – 1 septembrie **2016**, Montpellier, Franța

E7. A. Barbulescu, **L. Barbeș** - *Modelling the pollutants dissipation* (**poster B 56 - CEST 2015_00435**) – secțiunea 14: Environmental Data Analysis and Modelling

„CEST 2015” - 14th International Conference on Environmental Science and Technology, 3-5 septembrie **2015**, Rodos, Grecia

E8. G.L. Ailiesei, M. Ciobanu, M. Balan, C. Stavarache, **L. Barbeș**, A. Nicolescu, C. Deleanu, „NMR detected metabolites in complex natural fluids. Quinic acid in apple juice” (**poster**)

„Food Chemistry & Engineering”, International Workshop, 15-16 mai **2015**, Constanta, Romania

E9. A. Barbulescu, **L. Barbeș** - Statistical Analysis and Mathematical Models for dissipation of Volatile Organic Compounds from Romanian Littoral (**lucrare invitată - O4**) – sesiunea: **Toxic compounds analysis**

“IC-ANMBES 2014” – the 3rd International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences, 13-15 iunie, Brasov, Romania

E10. **L. Barbeș**, C. Onțică, The influence of some enzymatic mixtures on dough rheology and bread quality (**poster PA13**)

Chimia 2014- New trends in applied chemistry, Constanța, Romania, 23-24 Mai **2014**, Constanta, Romania

E11. A.E. Sterpu, A. Barbulescu, **L. Barbeș**, C.I. Koncsag – Modelling the mixing process of industrial and domestic waste sludge (**comunicare**) – sesiune 2a: **Zero- waste cities**

“Ecoimpuls 2013 - Environmental Research and Technology” - 2nd International Conference, 7-8 noiembrie 2013, Timișoara, Romania

E12. **L. Barbeș**, C.I. Koncsag, Z. Ungurianu - Mechanical properties testing of polymeric materials based on polyethylene and metal oxides (**poster**)

Oil, gas and petrochemical industry-International Workshop, 24 - 25 mai **2013**, Constanta, Romania

- E13.** Alina Barbulescu, **L. Barbeș** – Mathematical models for inorganic pollutants in Navodari area, Romania (**comunicare**)
1st International Conference on Analytical Chemistry - Analytical Chemistry for a Better Life (ICAC '2012), Targoviste, Romania, 18-21 Septembrie 2012
- E14.** A. Bărbulescu, **L. Barbeș**, Models for Pollutants Evolution in an Urban Area, MCBC Session: Advances in Biology and Chemistry (**67905-017**) (**comunicare**)
13th WSEAS International Conference on Mathematics and Computers in Biology and Chemistry (MCBC '12), Iasi, Romania, 13-15 Iunie 2012
- E15.** **L. Barbeș**, E. Chirila, R. Bercu, A. Bavaru, Potential of *Taraxacum Officinale* and *Carduus Nutans L.* species as bioindicators of metallic trace elements in the Northern Romanian costal area (**poster PB11**)
Chimia 2012- New trends in applied chemistry, Constanța, Romania, 24-26 Mai 2012
- E16.** **L. Barbeș**, G. Stanciu, M. Schiopuleț, Analysis of polypropylene oxidative stability by ATR-FTIR spectrometry (**poster PB12**)
Chimia 2012- New trends in applied chemistry, Constanța, Romania, 24-26 Mai 2012
- E17.** E.Chirilă, T.Bari, **L.Barbeș**, Drinking water quality assessment in Constanta town (**poster P23**)
Challenges in Food Chemistry, Constanța, Romania, 28-29 Mai 2010
- E18.** A. Bavaru, R. Bercu, E. Bavaru, **L. Barbeș**, Issues on environment and development sustainable coastal Navodari – North Mamaia (Constanța) (**prezentare orală**)
Al IV-lea Congres al Academiei Oamenilor de Stiinta din Romania, "Calitatea vietii", Timisoara, Romania 16-18 octombrie 2009
- E19.** **L. Barbeș**, Predicted concentrations of antifouling biocides released in the waters of commercial Constanța Harbour” (**poster PC18**)
Chimia 2009 - New trends in applied chemistry, Constanța, Romania, 13-16 Mai 2009
- E20.** **L. Barbeș**, M. Salmain, G. Stanciu, A technique to immobilize trypsin on stainless steel as a means of preventing biofilms formation (**poster**)
COFrRoCA 2008, Bacau, Romania, 25-29 Iunie 2008
- E21.** **L. Barbeș**, M. Velicu, L. Melnic, C. Ilie, Prevision of PM₁₀ concentration in urban areas from industrial sources using artificial neural network method (**poster P4**)
New trends in petroleum refining International Conference, Constanța, Romania, 6-8 decembrie 2007
- E22.** D. Badiu, N. Roșoiu, **L. Barbeș**, V. Coatu, A. Oroș, The sanitary comparative characterisation of the lipid extracts from *Mytilus galloprovincialis* Lmk. and *Rapana thomasiana* Grosse of th Black Sea coast (**prezentare orală**)
Protection and sustainable management of the Black Sea ecosystem, imperative of the third millennium, Constanța, Romania, 29 -31 Octombrie 2007
- E23.** R. Nita, D.L. Badiu, N. Rosoiu, **L. Barbeș**, A. Balu, E. Tanase, Research on lipid extracts from *Mytilus galloprovincialis* Lmk. and *Rapana thomasiana* Grosse from the Romanian Black Sea shore: usages for pharmaceutical purposes (**poster P-36**)
3rd International Meeting on Medicinal and Pharmaceutical Chemistry, Antalya, Turcia, 16-21 Octombrie 2007
- E24.** D.L. Badiu, R. Nita, N. Rosoiu, **L. Barbeș**, A. Balu, The comparative study of lipid extracts from *Mytilus Galloprovincialis* Lmk., *Rapana Thomasiana* grosse mollusks of the Black Sea and olive oil (**prezentare orală**)
The Annual International Conference of the Romanian Society of Biochemistry and Molecular Biology, Timisoara, Romania, 6-8 Septembrie 2007

E24. D.L.Badiu, **L. Barbeș**, N. Rosoiu, Study on the sterol composition of *Cystoseira crinita* brown algae from the Black Sea, Biodiversitate și impact antropoc în Marea Neagră și în ecosistemele litorale ale Marii Negre (**prezentare orală**)

Biodiversitate și impact antropoc în Marea Neagră și în ecosistemele litorale ale Marii Negre, Agigea (Statiunea Biologica Marina – Prof.dr. Ioan Borcea), Romania, 20-21 octombrie **2006**

E25. N. Rasanu, **L. Barbeș**, Synthesis of new sulphonium salts using tetrahydrothiophene (**poster-PC3**)

“Chimia 2006”, Constanța, Romania, 12-13 Mai **2006**

E26. M.Velicu, **L.Barbeș**, C. Draghici, Modern methods for volatile organic compounds (VOC) analysis in the frame of the air pollution monitoring (**poster-PB19**)

“Chimia 2006”, Constanța, Romania, 12-13 Mai **2006**

E27. S. Zagan, I. Berdan, T. Negreanu-Pirjol, **L. Barbeș**, Square-planar complex of gold (III) with dithiooxamide: synthesis in alkaline media, IR, UV-VIS and thermal analysis (**poster-PA1**)

“Chimia 2006”, Constanța, Romania, 12-13 Mai **2006**

E28. **L. Barbeș**, Evaluation of Biocide - Free Antifouling Systems (**poster**)

ASI NATO CBP.EAP.ASI.981563”, Borovetz, Bulgaria 16-26 Noiembrie **2005**

E29. **L.Barbeș**, M.Velicu, Modern procedure for determination of organic compounds in industrial waters by gas chromatography - mass spectrometry (**poster-PC38**)

3 BBCAC, Constanța, Romania, 12-14 Sept. **2005**

E30. C. Tarabasanu-Mihaila, C. Boscornea, C. Sava, **L. Barbeș**, V. Raditoiu, L. Wagner, Intelligent materials used in the photodynamic therapy of cancer and gas sensors of medical interest (**prelegere S07-K-02**)

RICCCE XIV- Romanian International Conference on Chemistry and Chemical Engineering, Bucuresti, Romania, 22-24 Septembrie **2005**

E31. **L. Barbeș**, C.Boscornea, C.Tărăbășanu-Mihăilă, Șt.Tomas, Vopsele cu acțiune antifouling (**prezentare orală**)

RICCCE 12 - Romanian International Conference on Chemistry and Chemical Engineering, Universitatea Politehnica București, 13-15 septembrie **2001**

E32. **L. Iacob**, C. Koncsag, “Hydrodynamic study of drops formation and motion in a spray tower for the system gazoline- NaOH solutions (**prezentare orală**)

RICCCE XI, Romanian International Conference on Chemistry and Chemical Engineering, București, Romania, 30 septembrie – 2 octombrie **1999**

F. CONTRACTE DE CERCETARE- DEZVOLTARE

F1. Contract PNCDI-2, program 4 nr.61-043/2007, “*Concepere și dezvoltare de noi produse medicamentoase cu maximă eficiență și efecte secundare minime, pe baza de substanțe biologice active din organisme marine*” Partener 1, 2007-2010, Director de proiect- Prof.dr. Rosoiu Natalia - Universitatea Ovidius Constanța - **membru**

F2. Contract PNCDI-2, program 4 nr.618-3258/2007, „*Receptori moleculari redox pentru senzori electrochimici*” Partener 2, 2007-2010, Director de proiect - Prof.dr. ing. Ungureanu Mihaela- Eleonora - Universitatea Politehnica Bucuresti - **membru**

F3. Contract VIASAN 376/2004 “*Materiale inteligente de interes medical*”, Director de proiect: Prof. dr. ing. Corneliu Tarabasanu Mihaila - Universitatea Politehnica Bucuresti - **membru**

F4. Contract HMPT-CT-2000-00186, The FP5 European program “Marie Curie Training” – “Immobilisation of glycosidases and proteases on stainless steel as a means of preventing biofilms formation” - The Centre National de la Recherche Scientifique and the French Ministry of Research

Director Grant: Daniele Olivier - **membru**

F5. Contract Rompetrol Rafinare Complex Petromidia S.A Nr.5525/28.05.2001, “Studiu privind posibilitățile de valorificare a leșiilor de sodă uzată de la Rompetrol Rafinare Complex Petromidia S.A.”, Titular de contract: Prof.univ. dr. ing. Dan Mandalopol - Universitatea Ovidius Constanța -**membru**

Propuneri de contracte depuse în competiții naționale și internaționale:

PC1. Black Sea ERA.NET 2010 Pilot Joint Call for Research Proposals (cod: BSERANET-023)

Director de proiect: Barbeș Lucica

Challenges in antifouling protection: monitoring, efficacy and risk optimization of biocide using on Black Sea

PC2. Program IDEI, Cod CNCISIS: 1396 — competiție martie 2008 – domeniul Știința mediului (Ecologie) –

Director de proiect: Barbeș Lucica

Utilizarea extractelor din specii marine (alge și moluste) în scopul protecției suprafețelor metalice prin prevenirea efectelor negative ale depunerilor biologice

81,75 puncte

PC3. Competiție mai 2007 - Academia Romana

Director de proiect: Barbeș Lucica

Compuși naturali din alga brună *Cystoseira* sp. cu efect antifouling (antivegetativ)

PC4. Program IDEI, Cod CNCISIS: 901 — competiție septembrie 2006 – comisia 4 - domeniul Știința mediului (Ecologie)

Director de proiect: Barbeș Lucica

Compuși naturali din alga brună *Cystoseira* sp. cu efect antifouling (antivegetativ) - 84 puncte

REVIEWER (REFERENT ȘTIINȚIFIC)

1. *februarie 2015 – Analytical Letters* (publicat în 2016, vol. 49 (3), 423–432)

titlu manuscris: Characterization of octaethyl porphyrin thin films with application to determination of volatile organic compounds;

autori: I. Çapan & C. Özkaya

2. *noiembrie 2018 - Bulletin of Environmental Contamination and Toxicology* (publicat în 2019, vol 102 (4) 504-510)

titlu manuscris: Health risk assessment associated with abandoned copper and uranium mine tailings;

autori: G. Pehoiu, C. Radulescu, O. Murarescu1, I. D. Dulama, I. A. Bucurica, S.Teodorescu, R. M. Stirbescu

3. *mai-iunie 2020 – Water (MDPI); FI: 2,544; SRI: 0,946* (manuscris Water-825071 - publicat în 2020, vol. 12(6), 1694; 10.3390/w12061694); <https://www.mdpi.com/2073-4441/12/6/1694>

titlu manuscris: Characteristics and Causes of Long-Term Water Quality Variation in Lixiahe Abdominal Area, China;

autori: Jiang, C.; Zhou, J.; Wang, J.; Fu, G.; Zhou, J.

4. *iunie 2020- Water (MDPI); FI: 2,544; SRI: 0,946* (manuscris Water- 849511 - respins)

titlu manuscris: Spatial and temporal variations of regional water quality and identification of main pollutants based on multivariate statistical analysis;

autori: Zhou Jia'nan, Xie Chao, Fu Guosheng, Jiang Chenjuan

5. **iulie 2020 – Processes (MDPI); FI: 2,753 (manuscris Processes-855757 - publicat în 2020, vol. 8 (7), 852; 10.3390/pr8070852); <https://www.mdpi.com/2227-9717/8/7/852>**
 titlu manuscris: Study of the digestate as an innovative and low-cost adsorbent for the removal of dyes in wastewater
 autori: Sicong Yao, Massimiliano Fabbicino, Marco Race, Alberto Ferraro, Ludovico Pontoni, Oriella Aimone, Yao Chen
6. **iulie 2020 – Water (MDPI); FI: 2,544; SRI: 0,946 (manuscris Water-872099 - respins)**
 titlu manuscris: Spatio-temporal variations of regional water quality and identification of main impact factors based on multivariate statistical analysis
 autori: Jia'nan Zhou, Chao Xie, Guosheng Fu, Chenjuan Jiang
7. **iulie 2020 – Energies (MDPI); FI:2,702; SRI: 0,601 (manuscris Energies-895831 – publicat în 2020, vol. 13(8), 4822); <https://doi.org/10.3390/en13184822>**
 titlu manuscris: Characteristic analysis of water quality variation and fish impact study of fish-lighting complementary photovoltaic power station
 autori: Peidu Li, Xiaoqing Gao, Junxia Jiang, Liwei Yang, Yujie Li
8. **iulie 2020 – Thermal Science; FI: 1,544; SRI: 0,485 (manuscris ThSci2020.162 - respins)**
 titlu manuscris: Instigating regression analysis to predict the air side heat transfer and friction factor correlation for plain tube-and-fin heat exchangers
 autori: Nilam P. Jadhav, V.K. Bupesh Raja, Mandar M. Lele, Suhas P. Deshmukh
9. **august 2020 – Water (MDPI); FI: 2,544; SRI: 0,946 (manuscris Water-906209 - respins)**
 titlu manuscris: Chemometrics Data Analysis of Water Quality of Rivers in Upper Citarum Watershed, Indonesia
 autori: Mochamad Adhiraga Pratama, Dwinanti Rika Martanthi, Ridwan Hakim
10. **august – septembrie 2020 - Water (MDPI); FI: 2,544; SRI: 0,946 (manuscris Water - 921884 – publicat în 2020, vol. 12(9), 2579); <https://doi.org/10.3390/w12092579>**
 titlu manuscris: Seasonal variations of dissolved iron concentration in active layer and rivers in permafrost areas, Russian Far East
 autori: Yuto Tashiro, Muneoki Yoh, Takayuki Shiraiwa, Takeo Onishi, Vladimir Shesterkin, Vladimir Kim
11. **septembrie – octombrie 2020 - Water (MDPI); FI: 2,544; SRI: 0,946 (manuscris Water-944424 - respins)**
 titlu manuscris: GIS-based groundwater quality assessment using groundwater quality indices and fuzzy-logic approach
 autori: Akshay Kumar Chaudhry și Payal Sachdeva
12. **octombrie 2020 - Water (MDPI); FI: 2,544; SRI: 0,946 (manuscris Water - 964821 - publicat in 2020, vol. 12(12), 3321); <https://doi.org/10.3390/w12123321>**
 titlu manuscris: Available dissolved organic carbon alters uptake and recycling of phosphorus and nitrogen from river sediments
 autori: Marc Stutter, Daniel Graeber și Gabriele Weigelhofer
13. **octombrie 2020 - Water (MDPI); FI: 2,544; SRI: 0,946 (manuscris Water - 974664 - publicat in 2020, vol. 12(11), 3294); <https://doi.org/10.3390/w12113294>**
 titlu manuscris: Assessing land-cover effects on stream water quality in metropolitan areas using the water quality index
 autori: TaeHo Kim, YoungWoo Kim, Jihoon Shin, ByeongGeon Go și YoonKyung Cha
14. **noiembrie 2020 - Water (MDPI); FI: 2,544; SRI: 0,946 (manuscris Water – 1002398 - publicat in 2021, vol. 13(2), 127); <https://doi.org/10.3390/w13020127>**

titlu manuscris: Nutrient Loading, Temperature and Heat Wave Effects on Nutrients, Oxygen and Metabolism in Shallow Lake Mesocosms Pre-Adapted for 11 Years

autori: Erik Jeppesen, Joachim Audet, Thomas A. Davidson, Érika M. Neif, Yu Cao, Nur Filiz, Torben L. Lauridsen, Søren E. Larsen, Meryem Beklioğlu, Tserenpil Sh, Martin Søndergaard

15. **noiembrie 2020 - Water (MDPI)**; FI: 2,544; SRI: 0,946 (manuscris Water – 1025870 - publicat 2021, vol. 13(1), 109); <https://doi.org/10.3390/w13010109>

titlu manuscris: Hydraulic dynamics in a full-scale drinking water distribution system influence particles and turbidity but not planktonic microbial concentrations

autori: Emmanuelle I. Prest, Peter S. Schaap, Michael D. Besmer and Frederik Hammes

16. **decembrie 2020 - Water (MDPI)**; FI: 2,544; SRI: 0,946 (manuscris Water – 1032270 - publicat 2021, vol.13(3), 335); <https://doi.org/10.3390/w13030335>

titlu manuscris: Levels, seasonal variations and ecological risk estimation of diazinon in riverine ecosystems of the Talar, Babolrood, and Haraz in South Caspian Sea of Iran

autori: Reza Dahmardeh Behrooz, Abbas Esmaili-sari, Magdalena Urbaniak and Paromita Chakraborty

17. **decembrie 2020 - Water (MDPI)**; FI: 2,544; SRI: 0,946 (manuscris water – 1059323 - respins)

titlu manuscris: Assessment of Groundwater Quality in the Brong Ahafo Region of Ghana, West Africa

autori: Evans Manu, Michael Kühn, Thomas Kempka and Yvonne Sena Akosua Loh

18. **ianuarie 2021 - Water (MDPI)**; FI: 2,544; SRI: 0,946 (manuscris Water – 1064377 - publicat 2021, vol. 13(3), 357); <https://doi.org/10.3390/w13030357>

titlu manuscris: Interannual and spatial variability of cyanotoxins in the Prespa Lake Area, Greece

autori: Valentini Maliaka, Miquel Lüring, Christian Fritz, Yvon J.M. Verstijnen, Elisabeth J. Faassen, Frank van Oosterhout, Alfons J.P. Smolders

19. **ianuarie 2021 – Environments; Scopus; ESCI** (manuscris Environments – 1106591 - publicat 2021, vol. 8(3), 19); <https://doi.org/10.3390/environments8030019>

titlu manuscris: Multi-year Monitoring of Ecosystem Metabolism in Two Branches of a cold-water stream

autor: Daniel J. Hornbach

20. **februarie 2021 - Water (MDPI)**; FI: 2,544; SRI: 0,946 (manuscris Water – 1131688 - publicat 2021, vol. 13(9), 1202); <https://doi.org/10.3390/w13091202>

titlu manuscris: The role of ponds and constructed wetlands in pesticide dissipation at the agricultural catchment scale: a critical review

autori: Gwenaël Imfeld, Sylvain Payraudeau, Julien Tournebize, Sabine Sauvage, Francis Macary, Cédric Chaumont, Anne Probst, José Miguel Sánchez Pérez, Aya Bahib, Betty Chaumet, Tetyana Gilevska, Hugues Alexandre, Jean-Luc Probst

21. **martie 2021 - Water (MDPI)**; FI: 2,544; SRI: 0,946 (manuscris Water – 1156060 - publicat 2021, vol. 13(7), 943); <https://doi.org/10.3390/w13070943>

titlu manuscris: A preliminary lumped assessment of pollution risk at aquifer scale by using the mean residence time. Analyses of potential climate change impacts.

autori: Leticia Baena-Ruiz, David Pulido-Velazquez, Antonio-Juan Collados-Lara, Juan de Dios Gómez-Gómez

22. **martie 2021 – Sustainability (MDPI)**; FI: 2,576; SRI: 0,62; AIS: 0,332 (manuscris– 1178852 - retras)

titlu manuscris: Wastewater reuse as an abatement strategy in reducing nutrient enrichment of surface waters

autori: Solomon Ofori, Prince Chapman Agyeman, Enoch Kwesi Adotey, Iveta Růžicková, Jiří Wanner

23. **aprilie 2021 – Sustainability (MDPI)**; FI: 2,576; SRI: 0,62; AIS: 0,332 (manuscris – 1190747 - publicat 2021, vol 13(10), 5389); <https://doi.org/10.3390/su13105389>

titlu manuscris: Source apportionment of inorganic solutes in surface waters of Lake Baikal watershed

autori: Mikhail Y. Semenov, Yuri M. Semenov, Anton Silaev, Larisa Begunova

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titlu manuscris: How effective are existing phosphorus management strategies in mitigating surface water quality problems in the U.S.?

autor: Shama E. Haque

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autori: Jun-Young Park, Jisu Ha, Yoonseok Choi, Pahn-Shick Chang, and Kyung-Min Park

CITARI IN REVISTE COTATE/INDEXATE ISI (fără autocitări)

Citari – 388 (baza Scopus); 340 (Web of Science); 500 (Google Academic)

INDICE HIRSCH = 10 (baza Scopus, Web of Science și Google Scholar)

Premierea activității de cercetare

- Diploma de excelență – castigator al concursului de performanță în activitatea de cercetare desfășurată la nivelul facultății în anul 2014, Universitatea Ovidius din Constanța, acordat februarie 2015
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1 iulie 2021

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