

## LISTA LUCRARILOR PUBLICATE

---

### A. LUCRARI FORMARE PROFESIONALA

#### [A1] Raport postdoctorat

Dediu L., 2011, „Manipularea comunitatilor microbiene in scopul bioremedierii efluentului de acvacultura intensiva”

#### [A2] Teza doctorat

Dediu L., 2009, „Cercetari privind utilizarea sistemelor biologice integrate in cresterea intensiva a pestilor”

### B. CARTI SI CAPITOLE IN CARTI

1. „Tehnologii generale de acvacultura”, Dediu L., 2013. Editura Galati University Press, ISBN 978-606-8348-77-3
2. „Scientific and technical inovation in the blue economic zone” , Coord.: Moga Liliana Mihaela, Dediu Lorena. Editura Didactică și Pedagogică, 2012, ISBN 978-973-30-3305-9.

### C. ARTICOLE/STUDII PUBLICATE ÎN REVISTE DE SPECIALITATE RECUNOSCUTE, DE CIRCULAȚIE INTERNAȚIONALĂ, SAU ÎN REVISTE DIN ȚARĂ RECUNOSCUTE DE CĂTRE CNCSIS

#### [C1] Articole/studii publicate în reviste de circulație internațională, ISI

---

1. Feng Liu, Yanju Hao, V. Cristea, Xiaoshuan Zhang, Zetian Fu, **Lorena Dediu** 2012. *Developing Environmentally Friendly Marine Aquaculture for the Blue Economic Zone in the Shandong Peninsula, 1714*. Journal of Environmental Protection and Ecology, 13(3A), 1714 - 1721 .
2. Feng Liu, Chun-E Liu, **Lorena Dediu**, Xiaoshuan Zhang, Zetian Fu. 2012. *Evaluation of the Antioxidant Activity of Collagen Peptide Additive Extracted from Cod Skin*. Journal of Environmental Protection and Ecology, 13(3A), 1836 -1842.
3. Xing, S., Zhang, X., **Dediu, L.**, Ma, C., & Fu, Z. 2012. *Shelf life modelling of tilapia in the cold chain*. Journal of Food, Agriculture and Environment, 10(3-4), 257-260

4. **Lorena Dediu**, Victor Cristea, Zhang Xiaoshuan. 2012. *Waste production and valorization in an integrated aquaponic system with bester and lettuce*. African Journal of Biotechnology, Vol. 11(9), pp. 2349-2358.
5. **Dediu, L.**, Cristea, V., & Docan, A. 2012. Bioremediation of recirculating systems effluents as a method to obtain high-quality aquaculture products. Journal of Environmental Protection and Ecology, 13(1), 275-288. Retrieved from [www.scopus.com](http://www.scopus.com)
6. Vasilean I., V. Cristea, **L. Dediu**. 2012. *Comparative Study Regarding Larval Development of *Huso huso* and Hybrid *Huso huso* × *Acipenser ruthenus* in a Recirculating Aquaculture System*. Journal of Environmental Protection and Ecology, 12(3A), 1078-1082. Retrieved from [www.scopus.com](http://www.scopus.com)
7. Zhang Jia; Zhang Xiaoshuan; **Dediu Lorena**; Victor, Cristea, 2011. *Review of the current application of fingerprinting allowing detection of food adulteration and fraud in China*. FOOD CONTROL, 22 (8), pp. 1126-1135.
8. **L. Dediu**, V. Cristea, A. Docan, I. Grecu, M. Maereanu. 2011. *Preliminary Results Regarding the Effect of Density on Rainbow Trout (*Oncorhynchus mykiss* Walbaum, 1792) Performance in a Biosecure Recirculating System*. Journal of Environmental Protection and Ecology (JEPE). Vol. 12, No 4, pp. 1904 -1910.
9. Mihalache, L. Oprea, **L. Dediu**, V. Cristea, A. Docan, C. Sion (Badalan), I. Enache, 2011. *Growth Performance of the Japanese Ornamental Carp (*Cyprinus carpio* L i n n a e u s, 1758) Fry, Reared in a Recirculating Aquaculture System*. Journal of Environmental Protection and Ecology (JEPE).Vol 12, No 3, pp.1078-1089
10. Docan, A., Cristea, V., **Dediu, L.**, & Grecu, I. 2011. *Hematological parameters as indicators of toxic stress produced by mycotoxin food contamination in the european catfish (*silurus glanis* L.)*. Journal of Environmental Protection and Ecology, 12(4), 1898-1903. Retrieved from [www.scopus.com](http://www.scopus.com)

#### **[C2] Articole publicate in reviste indexate in baze de date internationale**

---

1. Antache Alina, Cristea Victor, **Dediu, Lorena**, Grecu Iulia, Petrea Stefan M., Bandi Alexandru C . 2015. *The biochemical evaluation of aquaculture nile tilapia muscle tissue, in condition of some phytobiotics administered in feed*. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Animal Science and Biotechnologies – Vol. 72, No.1.
2. Dorojan Oana G Varlan, Cristea Victor, Crețu Mirela, **Dediu Lorena**, Docan Angelica, Coadă Marian. 2015. *The effect of thyme (*Thymus vulgaris*) and vitamin E on the *Acipenser stellatus* juvenile welfare, reared in a recirculating aquaculture*. Aquaculture, Aquarium, Conservation & Legislation-International Journal of the Bioflux Society (AAFL Bioflux)– Vol 8, No.2.
3. Dorojan Oana G Varlan, Cristea Victor, Crețu Mirela, Coadă Marian, **Dediu Lorena**, Grecu Iulia, Plăcintă Sandita. 2015. *Effect of thyme (*Thymus vulgaris*) and vitamin E on growth performance and body composition of *Acipenser stellatus* juveniles*. Aquaculture, Aquarium, Conservation & Legislation-International Journal of the Bioflux Society (AAFL Bioflux)- Vol 8, No.2.

4. Dorojan Oana Georgiana, Cristea, Victor, Crețu Mirela, **Dediu Lorena**, Grecu Iulia, Plăcintă Săndița. 2015. *Effect of sea buckthorn and vitamin E on growth performance of Acipenser stellatus (Pallas 1771) juveniles*. Scientific Papers Animal Science and Biotechnologies, Vol. 48, No 1, pp. 239-244,.
5. Mocanu Mihai, Vanghelie Tiberiu, Sandu Petronela, **Dediu Lorena**, Oprea Lucian. 2015. The effect of supplementary feeds quality on growth performance and production of common carp (*Cyprinus carpio* L.) at one summer of age, in ponds aquaculture systems. *Aquaculture, Aquarium, Conservation & Legislation-International Journal of the Bioflux Society (AAFL Bioflux)*, Vol. 8, No 4, pp 602-610.
6. Oprea Lucian, Mocanu Mihai, Vanghelie Tiberiu, Sandu Petronela, **Dediu Lorena**. 2015. The influence of stocking density on growth performance, feed intake and production of common carp, *Cyprinus carpio* L., at one summer of age, in ponds aquaculture systems. *Aquaculture, Aquarium, Conservation & Legislation-International Journal of the Bioflux Society (AAFL Bioflux)*, Vol. 8, No 5.
7. Antache Alina , Cristea Victor, Grecu Iulia, **Dediu Lorena**, Cretu Mirela, Petrea Stefan Mihai. 2014. *The Influence of Some Phytobiotics on Haematological and Some Biochemical Indices at Oreochromis Niloticus–Linnaeus, 1758*. Scientific Papers Animal Science and Biotechnologies, Vol 47, No 1, pp 192-199.
8. Cretu Mirela, Victor Cristea, **Lorena Dediu**, Mihai Petrea Stefan . 2014. *The influence of different stocking densities on biochemical composition of rainbow trout meat reared in a recirculating aquaculture system*. Scientific Papers Animal Science and Biotechnologies, Vol 47, No 1, pp 200-204.
9. Petrea, Stefan Mihai; Cristea, Victor; **Dediu, Lorena**; Contoman, Maria; Cretu, Mirela; Antache, Alina; Coada, Marian; Bandi, Alexandru Cristian; „A Study of Phosphorus and Calcium Dynamics in an Integrated Rainbow Trout and Spinach (Nores variety) Aquaponic System with Different Crop Densities,Scientific Papers Animal Science and Biotechnologies,47,2,196-206,2014,
10. Petrea, Stefan Mihai; Cristea, Victor; **Dediu, Lorena**; Feng, Liu; Lupoae, Paul; Antache, Alina; Bandi, Alexandru Cristian; Coada, Marian Tiberiu. 2014. *The nitrate and nitrite levels from both spinach and stellate sturgeon meat in an aquaponic integrated system*. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Animal Science and Biotechnologies Vol 71, No 2, pp 227-235.
11. Petrea Stefan Mihai, Cristea Victor, **Dediu Lorena**, Feng Liu, Contoman Maria, Lupoae Paul, Antache Alina, Bandi Alexandru Cristian. 2014. *Study of nitrogen dynamics in an integrated stellate sturgeon and spinach aquaponic system with different crop densities*. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Animal Science and Biotechnologies, Vol 71, No 2, pp 218-226.
12. Antache Alina, Cristea Victor, Grecu Iulia, **Dediu Lorena**, Cretu Mirela, Bocioc Elena, Petrea Stefan Mihai. 2014. *Effects of dietary supplementation at nile tilapia with Thymus vulgaris, Trigonella foenum graecum and Azadirachta indica on welfare status*". Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Animal Science and Biotechnologies, Vol 71, No 2, pp 115-122.

13. Aurelia Nica, **Dediu Lorena**. 2014. *Aspects regarding the ornamental japanese carp rearing into recirculating systems conditions*. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Animal Science and Biotechnologies, Vol 71, No 2, pp 305-306.
14. Antache Alina, Cristea V., Grecu Iulia, **Dediu Lorena**, Angela Docan, Mirela (Crețu) Mocanu, Sândița (Ion) Plăcintă, M.T. Coadă. 2013. *The influence of some phytobiotics on oxidative stress at Oreochromis niloticus grown in an intensive recirculating aquaculture system*. Revista "Lucrări științifice. Seria Zootehnie" - Vol. 59 (18)
15. Antache Alina, Cristea Victor, Grecu Iulia, **Dediu Lorena**, Mocanu (Cretu) Mirela, Ion (Placinta) Sandita, Petrea Stefan Mihai. 2013. *The effects of some phytobiotics on biochemical composition of Oreochromis niloticus meat reared in a recirculating aquaculture system*. Scientific Papers. Animal Science and Biotechnologies - Vol. 46, No 1.
16. Dicu M.D. (Stroe), Cristea V., Docan A., Iulia Grecu R., **Dediu L.**, Coadă M.T. 2013. *The influence of feeding frequency on the haematological profile of A. stellatus (Pallas 1771), reared in a recirculating aquaculture system*. Revista "Lucrări științifice. Seria Zootehnie" - Vol. 59 (18),
17. Mocanu Mirela (Cretu), V. Cristea, **Lorena Dediu**, Elena Bocioc, Rodica Iulia Grecu, Sândița (Ion) Plăcintă, I. Vasilean. 2013. *The effect of probiotic diet on growth and hematology parameters of rainbow trout (Oncorhynchus mykiss, Walbaum 1792)*. Revista "Lucrări științifice. Seria Zootehnie" - Vol. 59 (18),
18. Cristea V., Mocanu, (Crețu), M., Antache, A., Docan, A., **Dediu, L.**, Ion (Placinta), S., Coadă, M. T., 2012. *Effect of Stocking Density on Leucocyte Reaction of Oncorhynchus mykiss (Walbaum, 1792)*. Scientific Papers: Animal Science and Biotechnologies, 2012, 45 (2): 31 – 36.
19. Dicu M.D., Cristea Victor, Dediu Lorena, Mocanu Mirela (Crețu), Petrea Ștefan Mihai, Popescu Adina. 2012. *Preliminary Results about Growth Performance and Food Conversion Ratio of Acipenser stellatus juvenils, Fed with Different Dietary Protein Levels*. Scientific Papers: Animal Science and Biotechnologies, 2012, 45 (2): 37 – 42.
20. Cristea V., Dicu M.D., **Dediu L.**, Măereanu M., Coadă T. 2012. *The influence of feeding intensity on growth performance of Acipenser stellatus (Pallas 1771) juvenils*. Lucrări Științifice - Seria Zootehnie, Vol. 58 (1): 219-224.
21. Cristea, V., Antache, A., Grecu, I., Docan, A., **Dediu, L.**, (Crețu) Mocanu, M. 2012. *The use of phytobiotics in aquaculture*. Lucrări Științifice - Seria Zootehnie, Vol. 57 (1): 250 – 255.
22. Docan A., Cristea V., **Dediu L.**, Nica A., 2012. *Control of Aeromonas salmonicida infection in rainbow trout (Oncorhynchus mykiss) reared in recirculating aquaculture system*. Lucrări Științifice - Seria Zootehnie, Vol. 57 (1): 159 – 163.
23. Enache (Bancu), I., Cristea, V., Ionescu, T., **Dediu, L.**, Docan, A., 2012. *The influence of light intensity on the growth performance of common carp in a recirculating aquaculture system condition*. Lucrări Științifice - Seria Zootehnie, Vol. 58:234-240.

24. Mocanu (Crețu), M., V. Cristea, **Dediu, L.**, Docan, A., (Ion) Plăcintă, S., Antache, A., Coadă, M.T. 2012. *The biochemical evaluation of aquaculture rainbow trout meat, in condition of probiotics administration*. *Lucrări Științifice - Seria Zootehnie*, Vol. 57 (1): 154 – 158.
25. Vasilean, I., Cristea V., **Dediu, L.**, 2012. *Researches regarding the argulosis treatment to *Huso huso* juveniles with NaCl*, *University of agricultural sciences and veterinary medicine „Ion Ionescu de la Brad” Iasi*. Faculty of Animal Sciences. Volume 53(15). Print ISSN 1454-7368; Electronic ISSN 2067-2330.
26. **Dediu L.**, Cristea V., Docan A., Vasilean I., 2011. *Evaluation of condition and technological performance of hybrid bester reared in standard and aquaponic system*. *AACL Bioflux* 4(4):490-498.
27. **Dediu L.**, Marilena Măereanu Măereanu, Victor Cristea, Dumitru Măereanu, 2011. *Effect of Formulated Diet versus Live Food on Growth and Survival of Russian Sturgeon (*Acipenser guldenstaedti*) Larvae Starting Exogenous Feeding*. *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Animal Science and Biotechnologies*, Vol 68, No 1-2 [conferinta cotata ISI, WoS]
28. **Dediu, L.**, Cristea, V., Mocanu, M., Dicu, D., Docan, A., & Grecu, I. 2011. *The effect of feeding frequency on growth performance of rainbow trout fingerlings reared in recirculating system*. *AACL Bioflux*, 4(2), 141-145. Retrieved from [www.scopus.com](http://www.scopus.com)
29. Docan Angelica, V. Cristea, **Dediu Lorena**, 2011. *Influence of thermal stress on the hematological profile of *Oncorhynchus mykiss* held in different stocking densities in recirculating aquaculture system*. *Lucrări Științifice, Seria Zootehnie*. Vol Vol. 55 (16)
30. Docan, A., **Dediu, L.**, Cristea, V. 2011. *Effect of feeding with different dietary protein level on hematological indices of juvenile siberian sturgeon, *Acipenser baeri* reared under recirculating systems condition*. *AACL Bioflux*, 4(2), 180-186. Retrieved from [www.scopus.com](http://www.scopus.com)
31. Enache I. (Bancu), Cristea V., **Dediu L.**, Ionescu T., Sion C. (Badalan), Călin Petronela G.(Sandu), Oprea L., Gheorghe D. 2011. *The influence of genetic variability on the growth performance of common carp in a recirculating aquaculture system*. *Lucrări Științifice, Seria Zootehnie*. Vol. 56 (16)
32. Mocanu Mirela (Crețu), V. Cristea, **Lorena Dediu**, D. Desimira, Angelica Docan, T. Ionescu, 2011. *The influence of different stocking densities on growth performances of *Oncorhynchus mykiss* (Walbaum, 1792) in a recirculating aquaculture system*. *Lucrări Științifice, Seria Zootehnie*. Vol Vol. 56 (16)
33. Popescu, A., Fetecău, M., **Dediu, L.**, Cristea, V. 2011. *Structural changes of gonadotropic lobe in relation with gonads development of silver carp (*Hypophthalmichthys molitrix*) during maturation and ovulation*. *AACL Bioflux*, 4(2), 187-192. Retrieved from [www.scopus.com](http://www.scopus.com)
34. Docan A., Cristea V., **Dediu L.**, Grecu I., 2010. *Studies of European catfish (*Silurus glanis* L.) leukocytes reaction in the condition of rearing in "flow-through" aquaculture systems*. *Lucrări Științifice - Seria Zootehnie* Vol 53, Nr. 15, Iași.

35. **Dediu L.**, Docan A., Cristea V., Grecu I., 2010. *Considerations regarding rearing of european catfish, *Silurus glanis* L. in a flow-through production aquaculture system.* Lucrări Științifice - Seria Zootehnie, Vol. 53, Nr.15, Iași.
36. Vasilean, I., Cristea V., **Dediu, L.**, 2010. Research on quality of sturgeon meat from recirculating aquaculture systems. University of agricultural sciences and veterinary medicine „Ion Ionescu de la Brad” Iasi. Faculty of animal sciences. Volume 53(15). Print ISSN 1454-7368; Electronic ISSN 2067-2330.
37. Docan A., Cristea V., Grecu I., **Dediu L.**, 2010. *Hematologic response of European catfish, *Silurus glanis* reared in different density in „flow-through” production system.* - Archiva Zootehnica Vol. 13, No. 2.
38. Vasilean I., Cristea V., **Dediu L.**, 2009. *Influence of stocking density and water parameters on growth of juvenile beluga sturgeon (*Huso huso*, Linnaeus, 1758) .* Lucrarile Stiintifice ale USAMV Iasi, Seria Zootehnie, Vol. 52, ISSN 1454-7368, pp. 666-671
39. Docan A., I. Grecu, L. **Sfetcu, L.**, Vasilean, V. Cristea, 2008. *Studies regarding the presence of the pathogens bacteria into a recirculating system of beluga sturgeon intensive rearing.* Lucrările stiintifice Zootehnie si Biotehnologii, Timisoara, vol. 41 (2): 148-154.).
40. **Sfetcu L.**, Cristea V., Oprea L., 2008. *Dinamica nutrientilor intr-un sistem recirculant acvaponic pentru producerea sturionilor si a salatei de cultura (*Lactuca sativa*)-* Lucrările stiintifice Zootehnie si Biotehnologii, Timisoara, vol. 41 (2): 137-143.
41. Ștefan G., Cristea V., Mihalache A., Grecu I., Vasilean I., **Sfetcu L.**, Gheorghe D., Docan A., 2008. *Researches regarding the technological performances of carp rearing during winter period in the conditions of a recirculating aquaculture system.* Lucrările științifice Zootehnie și Biotehnologii Timișoara, vol. 41 (2): 41-45).

#### **D. ARTICOLE/STUDII PUBLICATE ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE INTERNAȚIONALE RECUNOSCUTE DIN ȚARĂ ȘI DIN STRĂINĂTATE (CU ISSN SAU ISBN)**

##### **[D1] Studii publicate în volumele unor manifestări științifice internaționale organizate de institutii din strainatate**

---

1. Docan A., Cristea V., **Dediu L.**, Effects of dietary aflatoxin on haematological profile of European catfish AQUACULTURE EUROPE 2011 Conference and Exposition, October 18-21, 2011, Rodos, Greece, pg. 69
1. **Dediu L.**, Cristea V., Docan A., Reducing the environmental impact of recirculating aquaculture through aquaponic. AQUACULTURE EUROPE 2011 Conference and Exposition, October 18-21, 2011, Rodos, Greece, pg. 68

2. Cristea V., **Dediu L.**, Docan A., Grecu I., Cristea I., Influence of stocking density, size and feeding regime on technological indicators and survival of rainbow trout fingerlings. AQUACULTURE EUROPE 2011 Conference and Exposition, October 18-21, 2011, Rodos, Greece, pg. 68
3. Cristea V., **Dediu L.**, Docan A., Grecu I., Ionescu T. I. Vasilean, M. Maoreanu. 2010. Preliminary results regarding growth performances of rainbow trout (*Oncorhynchus mykiss*, Walbaum, 1792) In A Biosecure Recirculating Aquaculture System. *In: Book of Abstracts of International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”*, Galati, Romania, May 26 th -28th, 2010, pg. 67
4. Cristea V., I. Grecu, **L. Dediu**, A. Docan, E. Bocioc. 2010. The State Of Probiotics Use In Romanian Aquaculture. *In: Book of Abstracts of International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”*, Galati, Romania, May 26 th -28th, 2010, pg. 136
5. Mihalache A., L. Oprea, **L. Dediu**, V. Cristea, A. Docan. 2010. The Growth Performance Of Japanese Ornamental Carp (*Cyprinus Carpio* L., 1758) Fry Reared In A Recirculating Aquaculture System. *In: Book of Abstracts of International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”*, Galati, Romania, May 26 th - 28th, 2010, pg. 61
6. Bocăneală V., V. Cristea, I. Grecu, A. Docan, **L. Dediu**. 2010. Preliminary observations on some hematological parameters of *Tinca tinca* L, 1758 Exposed To Environmental Changes. *In: Book of Abstracts of International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”*, Galati, Romania, May 26 th - 28th, 2010, pg.69
7. Docan A., V. Cristea, I. Grecu, **L. Dediu**. 2010. Hematological parameters as indicator of toxic stress produced by mycotoxin food contamination in european catfish (*Silurus glanis* L., 1758). *In: Book of Abstracts of International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”*, Galati, Romania, May 26 th - 28th, 2010, pg. 72
8. **Dediu L.**, V. Cristea, A. Docan, I. Vasilean. 2010. Assessment of technological performance of the hybrid bester under recirculating aquaculture system conditions. *In: Book of Abstracts of International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”*, Galati, Romania, May 26 th -28th, 2010, pg. 76
9. **Dediu L.**, V. Cristea, S. Placinta, I. Grecu, A. Docan, T. Ionescu. 2010. Diurnal dynamics of water quality parameters in an aquaculture recirculating system. *In: Book of Abstracts of International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”*, Galati, Romania, May 26 th -28th, 2010, pg. 77
10. Vasilean I., A. Docan, V. Cristea, **L. Dediu**. 2010. Researches regarding the argulosis treatment to *Huso huso* juveniles With NaCl. *In: Book of Abstracts of International Conference on Fishery and*

Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th -28th, 2010, pg. 75

11. Docan A., V. Cristea, **L. Dediu**, I. Grecu. 2010. Sensitivity Of European Catfish (*Silurus glanis* L., 1758) Leucocytes To Mycotoxin. *In: Book of Abstracts of International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th -28th, 2010, pg. 73*
12. Cristea V., **L. Dediu**, I. Vasilean. 2010. Comparative study regarding larval development of *Huso huso* and hybrid *Huso huso X Acipenser ruthenus* in a recirculating aquaculture system. *In: Book of Abstracts of International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th -28th, 2010, pg. 74*
13. Grecu I., Cristea V., Bocioc E., Docan A., **Dediu L.** 2010. Studies on the intestinal microbiota of *Silurus glanis* L.. *In: Book of Abstracts of International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th -28th, 2010, pg. 145*
14. Cristea V., M. Contoman, **L. Dediu**, L. Florea, A. Docan, I. Grecu, A. Popescu (Sârbu), A. Mihalache, D. Gheorghe, I. Vasilean. 2010. The Sustainable Development Of Aquatic Bioresources Through The Use Of Zeolites In A Recirculating Superintensive Breeding System. *In: Book of Abstracts of International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th -28th, 2010, pg.146*

#### **[D2] Studii publicate în volumele unor manifestări științifice internaționale recunoscute organizate de institutii nationale**

---

1. Docan A., **Sfetcu L.**, Ciolac A., 2003. Some biometrics data on Danube shade (*Alosa pontica*) caught in Danube River from 1990 to 2003– Sesiunea Stiintifica de comunicari “Ecologia si protectia ecosistemelor acvatice”-Bacau 2003, publicata in Volumul Studii si Cercetari Stiintifice, biologie 8, ISSN: 1224 919 X, pp 154-157.
2. **Sfetcu L.**, Oprea L., Docan A., 2003. Growth of freshwater algae in Algal Turf Scrubber (ATS) based on wastewater aquaculture recirculation systems– Sesiunea Stiintifica de comunicari “ Ecologia si protectia ecosistemelor acvatice” - Bacau , publicata in Volumul Studii si Cercetari Stiintifice, biologie 8, ISSN: 1224 919 X, pp 55-60.
3. **Sfetcu L.**, V.Sereti, M. Verdegem, 2003. Controlul calității apei în sistemele recirculante folosind un reactor algal (ATS) –Simpozionul International “Euro-aliment:”publicata in volumul simpozionului ISBN: 973-86-316-65-8, pp 804-814.
4. Grigoraș G., Sfetcu L., 2004. Aspecte privind adaptarea, întreținerea și conservarea unor specii de pești reofili într-un sistem închis: studiu de caz la acvaiul C.M.S.N. Galați– Simpozionul national de



Ihtiologie, Arad publicata in volumul Studia Universitatis Vasile Goldis Arad, Seria Stiintele Vietii 14/2004, ISSN: 1584-2363, pp 119-129.

5. Docan A., Sfetcu L., Grigoras G., 2004. Studii parazitologice asupra unor specii de ciprinide din Delta Dunarii– Simpozionul national de Ihtiologie, Arad 2004, publicata in volumul Studia Universitatis Vasile Goldis Arad, Seria Stiintele Vietii 14/2004, ISSN: 1584-2363, pp 129-135.
6. **Sfetcu L.**, V. Cristea, L. Oprea, 2004. Sistem recirculant integrat cu *Lemna minor* pentru filtrarea biologica a metabolitilor din acvacultura – Sesiunea Internationala de Comunicari Stiintifice – Universitatea de Stiinte Agricole si Medicina Veterinara, Lucr. științifice USAMV București, Seria C, vol. XLVI-XLVII.
7. Cristea V., **L. Sfetcu**, G.Iordache, I.Grecu, A. Sarbu, 2004. Studii preliminare privind cresterea puietului de crap intr-un sistem recirculant – Sesiunea Internationala de Comunicari Stiintifice – Universitatea de Stiinte Agricole si Medicina Veterinara, Lucr. științifice USAMV București, Seria C, vol. XLVI-XLVII.
8. **Sfetcu L.**, L. Oprea., 2004. Studii privind eficienta sistemelor recirculante integrate cu perifiton in managementul calitatii apei – Sesiunea Internationala de Comunicari Stiintifice – Universitatea de Stiinte Agricole si Medicina Veterinara, Lucr. științifice USAMV București, Seria C, vol. XLVI-XLVII.
9. **Sfetcu L.**, Cristea V., Oprea L, Grigoras G., 2005. Research regarding water quality management in an integrated recirculating system (-) Simpozionul International „Cresterea animalelor in contextul integrarii europene”, Timisoara, Editura Agroprint Timisoara, ISSN 1221-5287, pp.561-567.
10. Grecu I., Cristea V., **Sfetcu L.**, Iodache G., 2005. Growth performances of the stellate sturgeon (*Acipenser stellatus*) and carp (*Cyprinus carpio*) juveniles reared into a recirculating system Simpozionul International „Cresterea animalelor in contextul integrarii europene”, Timisoara 2005, Editura Agroprint Timisoara, ISSN 1221-5287, pp.506-512.
11. Cristea V., Patriche N., **Sfetcu L.**, 2005. Romanian aquaculture sector overview. Simpozionul International “Euro-aliment- 2005 Univ. „Dunărea de Jos” Galați, Ed. Academica.
12. Cristea V., **Sfetcu L.**, Grecu I., Mihalache A., Vasilean I., 2005. Rearing of different fish species in an experimental recirculating system. Simpozion Internațional “Perspective ale Agriculturii Mileniului III”, Cluj-Napoca, 2005 Buletinul USAMV-ISSN 1454-2382.
13. **Sfetcu L.**, Paltanea E., Cristea V., Oprea L., Docan A., 2005. Data regarding biochemical composition of carp fingerlings (*Cyprinus carpio*, Linne, 1758) reared in a recirculating system, Simpozionul „Realizari si perspective europene in cresterea animalelor” Iasi 2005, , Lucrarii Stiintifice -Seria Zootehnie, ISSN 1454 – 7368, Vol. 48, pp. 622-629..

## **E. STUDII COMUNICATE IN CADRUL UNOR MANIFESTĂRI ȘTIINȚIFICE INTERNAȚIONALE RECUNOSCUTE DIN ȚARĂ ȘI DIN STRĂINĂTATE**

[E1] **Lucrări științifice prezentate oral sau poster la m.s. internațională organizate de institutii/asociații din strainatate**

---

1. Participare la Conferința Internațională "Scientific and Technical Innovation in the Blue Economic Zone", 18-19 Mai, 2012, Yantai China cu lucrarea invitată: Industrial recirculating systems and strategies for waste valorization and improving environmental management. Autor: **Lorena Dediu**
2. Angela Docan, Victor Cristea, **Lorena Dediu**, 2012. Incidence of fish disorders in RAS aquaculture. In: Proceedings of the International Conference Scientific and Technical Innovation in the Blue Economic Zone . Editura Didactică și Pedagogică, București, 2012 ISBN 978-973-30-3305-9
3. Yuan Ji, Feng Liu, **Lorena Dediu**, Yanju Hao, Yongqin Li, Chune Liu. 2012. Treatment Technology and System of Aquaculture Discharge Water. In: Proceedings of the International Conference Scientific and Technical Innovation in the Blue Economic Zone . Editura Didactică și Pedagogică, București, 2012 ISBN 978-973-30-3305-9
4. Feng Liu, **Lorena Dediu**, Xingzuo Li, Chune Liu, Yanju Hao, Dongwei Lv . 2012. The development and discussion of undergraduate aquaculture programs in China. In: Proceedings of the International Conference Scientific and Technical Innovation in the Blue Economic Zone . Editura Didactică și Pedagogică, București, 2012 ISBN 978-973-30-3305-9
5. Docan A., Cristea V., **Dediu L.**, Effects of dietary aflatoxin on haematological profile of European catfish AQUACULTURE EUROPE 2011 Conference and Exposition, October 18-21, 2011, Rodos, Greece. Prezentare poster.
6. **Dediu L.**, Cristea V., Docan A., Reducing the environmental impact of recirculating aquaculture through aquaponic. AQUACULTURE EUROPE 2011 Conference and Exposition, October 18-21, 2011, Rodos, Greece. Prezentare poster.
7. Cristea V., **Dediu L.**, Docan A., Grecu I., Cristea I., Influence of stocking density, size and feeding regime on technological indicators and survival of rainbow trout fingerlings. AQUACULTURE EUROPE 2011 Conference and Exposition, October 18-21, 2011, Rodos, Greece. Prezentare poster.
8. Cristea V., **Dediu L.**, Docan A., Grecu I., Ionescu T. I. Vasilean, M. Maoreanu. 2010. Preliminary results regarding growth performances of rainbow trout (*Oncorhynchus mykiss*, Walbaum, 1792) In A Biosecure Recirculating Aquaculture System. International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th -28th, 2010. Prezentare poster.
9. Cristea V., I. Grecu, **L. Dediu**, A. Docan, E. Bocioc. 2010. The State Of Probiotics Use In Romanian Aquaculture. International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th - 28th, 2010. Prezentare oral.

10. Mihalache A., L. Oprea, **L. Dediu**, V. Cristea, A. Docan. 2010. The Growth Performance Of Japanese Ornamental Carp (*Cyprinus Carpio* L., 1758) Fry Reared In A Recirculating Aquaculture System. International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th -28th, 2010. Prezentare poster.
11. Bocăneală V., V. Cristea, I. Grecu, A. Docan, **L. Dediu**. 2010. Preliminary observations on some hematological parameters of *Tinca tinca* L, 1758 Exposed To Environmental Changes. International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th -28th, 2010. Prezentare poster.
12. Docan A., V. Cristea, I. Grecu, **L. Dediu**. 2010. Hematological parameters as indicator of toxic stress produced by mycotoxin food contamination in european catfish (*Silurus glanis* L., 1758). International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th -28th, 2010. Prezentare poster.
13. **Dediu L.**, V. Cristea, A. Docan, I. Vasilean. 2010. Assessment of technological performance of the hybrid bester under recirculating aquaculture system conditions. International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th -28th, 2010. Prezentare poster.
14. **Dediu L.**, V. Cristea, S. Placinta, I. Grecu, A. Docan, T. Ionescu. 2010. Diurnal dynamics of water quality parameters in an aquaculture recirculating system. International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th -28th, 2010. Prezentare poster.
15. Vasilean I., A. Docan, V. Cristea, **L. Dediu**. 2010. Researches regarding the argulosis treatment to *Huso huso* juveniles With NaCl. International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th -28th, 2010. Prezentare poster.
16. Docan A., V. Cristea, **L. Dediu**, I. Grecu. 2010. Sensitivity Of European Catfish (*Silurus glanis* L., 1758) Leucocytes To Mycotoxin. International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th -28th, 2010. Prezentare poster.
17. Cristea V., **L. Dediu**, I. Vasilean. 2010. Comparative study regarding larval development of *Huso huso* and hybrid *Huso huso* X *Acipenser ruthenus* in a recirculating aquaculture system. International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th -28th, 2010. Prezentare poster.
18. Grecu I., Cristea V., Bocioc E., Docan A., **Dediu L.** 2010. Studies on the intestinal microbiota of *Silurus glanis* L. International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th -28th, 2010. Prezentare poster.

19. Cristea V., M. Contoman, **L. Dediu**, L. Florea, A. Docan, I. Grecu, A. Popescu (Sârbu), A. Mihalache, D. Gheorghe, I. Vasilean. 2010. The Sustainable Development Of Aquatic Bioresources Through The Use Of Zeolites In A Recirculating Superintensive Breeding System. International Conference on Fishery and Aquaculture „A View Point Upon The Sustainable Management of the Water Resources in the Balkan Area”, Galati, Romania, May 26 th -28th, 2010. Prezentare poster.
20. Cristea V., **Sfetcu L.**, Grecu I., Vasilean I., Docan A. *Bioremediation of recirculating systems effluents as a method to obtain high quality aquaculture products*. Lucrare prezentată poster la Workshopul Internațional U.A.B.- B.En.A, organizat de Balkan Environmental Asociation si Universitatea 1 decembrie 1918 din Alba Iulia, 6-7 mai, 2009
21. Cristea V., Grecu I., **Sfetcu L.**, Docan A., Gheorghe D. *Effluent quality control from a pilot recirculating aquaculture system for european catfish juveniles rearing*, lucrare prezentată poster la Workshopul Internațional U.A.B.- B.En.A, organizat de Balkan Environmental Asociation si Universitatea 1 decembrie 1918 din Alba Iulia, 6-7 mai, 2009
22. Cristea V., Grecu I., **Sfetcu L.**, Docan A., Talpes M. „*Considerations regarding growth performances of Silurus glanis under aquaculture recirculating system conditions*”, lucrare prezentată oral la Workshopul bilateral „Development of modern recirculation systems: freshwater versus saltwater technology”, 21-25 August 2008, University of Dubrovnik, Croatia.
23. Cristea,V, **Sfetcu, L.**, Vasilean, I., Grecu, I., Docan, A.,“*The effect of initial stocking density on growth and survival of beluga sturgeon (Huso huso)*”. Lucrare prezentată oral la Workshopul bilateral „Development of modern recirculation systems: freshwater versus saltwater technology”, 21-25 August 2008, University of Dubrovnik, Croatia.

**[E2] Lucrări stiintifice prezentate oral sau poster la m.s. internațională organizate de institutii/asociatii naționale**

1. Participare la Simpozionul, internațional "Protecția și gestionarea durabilă a ecosistemului Mării Negre, imperativ al mileniului trei, ediția a V-a, organizat de Institutul Național de Cercetare - Dezvoltare Marină "Grigore Antipa", Constanta 29 - 30 septembrie 2011, cu lucrarea : „Influence of N:P ratio on nutrients uptake an growth of marin macroalgae, Ulva lactuca”.
2. Feng LIU, Yanju HAO, **Dediu Lorena**, Moga Liliana Mihaela, Xiaoshuan Zhang, Zetian Fu - „Developing Environmentally Friendly Marine Aquaculture for the Blue Economic Zone in Shandong Peninsula”. Lucrarea prezentata in cadrul simpozionului international „Protecția și managementul durabil al ecosistemului Mării Negre, Imperativ al mileniului trei” organizat de Institutul Național de Cercetare Dezvoltare Marină “Grigore Antipa”, in octombrie 2011, Constanta.
3. Catalina Mirea (Ciortan), Victor Cristea, Rodica Iulia Grecu, **Lorena Dediu**, Ion Vasilean, Hematological Characterization of Nile Tilapia (*Oreochromis niloticus*, Linnaeus, 1758) Reared Intensively in A Recirculating Aquaculture System in Relation to Water Temperature, Scientific

Papers. Animal Science and Biotechnologies - Vol.46, USAMVBT Timișoara, Facultatea de Zootehnie și Biotehnologii.

4. Catalina Mirea (Ciortan), Victor Cristea, Rodica Iulia Grecu, **Lorena Dediu**, Adina Sirbu, Results Regarding Growth Performance of Nile Tilapia (*Oreochromis niloticus*, Linnaeus,1758) Fed with an Additive Feed, Vitamin C, in A Recirculating Aquaculture System,(2013), Scientific Papers. Animal Science and Biotechnologies - Vol.46, USAMVBT Timișoara, Facultatea de Zootehnie și Biotehnologii.
5. Antache Alina, Cristea V., **Dediu Lorena**, Grecu Iulia, Docan Angela, Vasilean I., Mocanu (Crețu) Mirela, Petrea Șt.M., The influence of some probiotics on growth performance at *Oreochromis niloticus* reared in an intensive recirculating aquaculture system (2013 International Scientific Symposium: "Modern Animal Husbandry – Strategies, Opportunities and Performance", 25<sup>th</sup>-26<sup>th</sup> April 2013, Iasi –Romania, Book of abstracts, pg 87. Oral presentation.
6. Cătălina Mirea (Ciortan), V. Cristea, **Lorena Dediu**, Mirela (Cretu) Mocanu, Desimira Maria(Stroe), Dicu, Șt.M.Petrea- *Determining the potential of compensatory growth of Nile Tilapia (Oreochromis niloticus, Linnaeus, 1758) in a recirculating Aquaculture system*. International Scientific Symposium: "Modern Animal Husbandry – Strategies, Opportunities and Performance", 25<sup>th</sup>-26<sup>th</sup> April 2013, Iasi –Romania, Book of abstracts, pg 85. Oral presentation.
7. Alina Antache, Victor Cristea, Iulia Grecu, **Lorena Dediu**, Mirela (Cretu) Mocanu, Săndita (Plăcintă) Ion, Ștefan Mihai Petrea- The Effects of Some Probiotics on Biochemical Composition of *Oreochromis Niloticus* Meat Reared in a Recirculating Aquaculture System.International Scientific Symposium "Bioengineering of animal resources 2013", 30-31 May ,Timisoara 2013, Book of abstracts , pg 229.oral presentation.
8. Antache Alina, Cristea Victor, Grecu Iulia, **Dediu Lorena**, Mocanu (Cretu) Mirela, Ion (Placinta) Sandita, Petrea Stefan Mihai. 2013. *The effects of some probiotics on biochemical composition of Oreochromis niloticus meat reared in a recirculating aquaculture system*. Lucrare prezentata oral la "The 11th International Symposium- Prospects for the 3rd Millennium Agriculture", Cluj Napoca, 27-29 septembrie 2012.
9. Cristea V., Mocanu, (Crețu), M., Antache, A., Docan, A., **Dediu, L.**, Ion (Placinta), S., Coadă, M. T., 2012. *Effect of Stocking Density on Leucocyte Reaction of Oncorhynchus mykiss (Walbaum, 1792)*. Lucrare prezentata oral la "The 11th International Symposium- Prospects for the 3rd Millennium Agriculture", Cluj Napoca, 27-29 septembrie 2012.
10. Dicu M.D., Cristea Victor, Dediu Lorena, Mocanu Mirela (Crețu), Petrea Ștefan Mihai, Popescu Adina. 2012. Preliminary Results about Growth Performance and Food Conversion Ratio of *Acipenser stellatus* juvenils, Fed with Different Dietary Protein Levels. Lucrare prezentata oral la "The 11th International Symposium- Prospects for the 3rd Millennium Agriculture", Cluj Napoca, 27-29 septembrie 2012.
11. **Dediu L.**, Marilena Măoreanu Măoreanu, Victor Cristea, Dumitru Măoreanu, 2011. *Effect of Formulated Diet versus Live Food on Growth and Survival of Russian Sturgeon (Acipenser*

*guldendaedti) Larvae Starting Exogenous Feeding*. Lucrare prezentata oral la "The 10th International Symposium- Prospects for the 3rd Millennium Agriculture", Cluj Napoca, 27-29 septembrie 2012.

12. Ionica (Bancu) Enache, Victor Cristea, Tudor Ionescu, **Lorena Dediu**, Angelica Docan. (2012). The influence of light intensity on the growth performance of common carp in a recirculating aquaculture system condition, International Scientific Symposium: "Modern Zootechny, Factor of sustainable Development" International Scientific Symposium, Iasi, 26<sup>th</sup>-27<sup>th</sup> 2012, pagina 175-176
13. V.Cristea, Maria Desimira Dicu, **Lorena Dediu**, Marilena Maereanu, M.T. Coadă- The influence of feeding intensity on growth performance of *Acipenser stellatus* (Pallas 1771) juvenils- International Conference „Modern Zootechny - Factor Of Sustainable Development", Iasi April 26<sup>th</sup> - 27<sup>th</sup>, 2012, Book Abstract, page 157
14. Victor Cristea, Mirela (Cretu) Mocanu, Alina Antache, Angela Docan, **Lorena Dediu**, Săndița (Ion) Plăcintă, Marian Tiberiu Coadă - The effect of stocking density on leucocyte reaction of *Oncorhynchus mykiss* (Walbaum, 1792) - International simposium "Bioengineering Of Animal Resources", Faculty of Animal Science and Biotechnologies, Timisoara May 24<sup>th</sup> - 25<sup>th</sup> 2012, Book Abstract, page 31, Poster presentation.
15. Maria Desimira Dicu, Victor Cristea, **Lorena Dediu**, Mirela Mocanu (Cretu), Stefan Mihai Petrea, Adina Popescu- Preliminary Results about Growth Performance and Food Conversion Ratio of *Acipenser stellatus* juvenils, Fed with Different Dietary Protein Levels), BIOENGINEERING OF ANIMAL RESOURCES", Faculty of Animal Science and Biotechnologies, Timisoara May 24<sup>th</sup> - 25<sup>th</sup> 2012, Book Abstract, page 78, Poster presentation.
16. Ionica (Bancu) Enache, Cristea V., **Dediu L.**, Ionescu T., Sion (Badalan) Corina, Călin (Sandu) Georgiana Petronela, Oprea L., Gheorghe Daniela Cristina „*The influence of genetic variability on the growth performance of common carp in a recirculating aquaculture system*", Simpozion Științific Internațional „Tradiție, Performanță Și Eficiență În Creșterea Animalelor", 14-15 Aprilie 2011, Iasi-Romania,
17. M. Mocanu (Cretu), V. Cristea, **L. Dediu**, A. Docan, I.R. Grecu, E. Bocioc, I. Sandita (Placinta), (2011) "The effect of probiotic diet on growth and hematology parameters in rainbow trout (*Oncorhynchus mykiss*, Walbaum 1792)", International Conference „Environmental Capacity Building", București, România 11-12 November 2011, Book Abstract, pages 67, Poster Presentation
18. Mocanu (Cretu) Mirela, Cristea Victor, **Lorena Dediu**, Dicu Desimira, Angelica Docan, Tudor Ionescu (2011) „The influence of different stocking densities on growth performances of *Oncorhynchus mykiss* (Walbaum, 1792) in a recirculating aquaculture sistem", Simpozion Științific Internațional „Tradiție, Performanță Și Eficiență În Creșterea Animalelor", 14-15 Aprilie 2011, Iasi- Romania, Prezentare orală.
19. Docan, A., **Cristea, V.**, Dediu, L., Grecu, I., 2010. Studies of European catfish (*Silurus glanis* L.) leukocytes reaction in the condition of rearing in "flow-through" aquaculture systems. Simpozionul științific Internațional "Tradiție, performanța și eficiența în creșterea animalelor" Iasi 2010, Prezentare orală.

20. **Dediu, L.**, Docan, A., Cristea, V., Grecu, I., 2010. Considerations regarding rearing of european catfish, *Silurus glanis* L. in a flow-through production aquaculture system. Simpozionul stiintific International "Traditie, performanta si eficienta in cresterea animalelor" Iasi 2010, Prezentare orală.
21. Angelica Docan, **Lorena Dediu**, Victor Cristea "Effect of feeding with different dietary protein level on hematological indices of juvenile Siberian sturgeon, *Acipenser baeri* reared under recirculating systems condition. Aquaculture Scientific Symposium "ACVAPEDIA - 2010", Third Edition *Networking waters of the world* 3-4 of December 2010, Cluj-Napoca, Prezentare orală.
22. **Lorena Dediu**, V. Cristea, I. Grecu, A. Docan, T. Ionescu, I. Cristea "Influence of feeding regime and stocking density on technological indicators of rainbow trout in flow-through intensive system" AQUACULTURE SCIENTIFIC SYMPOSIUM "ACVAPEDIA - 2010", Third Edition *Networking waters of the world* 3-4 of December 2010, Cluj-Napoca, Prezentare orală.
23. Iulia R. Grecu, Victor Cristea, Elena Bocioc, Angelica Docan, **Lorena Dediu**, Gabriela BAHIM "Perspectives of the probiotics use in Romanian aquaculture: benefits and limits" AQUACULTURE SCIENTIFIC SYMPOSIUM "ACVAPEDIA - 2010", Third Edition *Networking waters of the world* 3-4 of December 2010, Cluj-Napoca, Prezentare orală.
24. **Lorena Dediu**, V. Cristea, M. Mocanu, D. Dicu, A. Docan, Iulia Grecu "The effect of feeding frequency on growth performance of rainbow trout fingerlings" AQUACULTURE SCIENTIFIC SYMPOSIUM "ACVAPEDIA - 2010", Third Edition *Networking waters of the world* 3-4 of December 2010, Cluj-Napoca, Prezentare poster.
25. Vasilean I., Cristea V., **Sfetcu L.** Influence of stocking density and water parameters on growth of juvenile beluga sturgeon (*Huso huso*, [Linnaeus, 1758](#)). SIMPOZIONUL STIINTIFIC "ZOOTEHNIA MODERNĂ - ȘTIINȚĂ, CREATIVITATE ȘI INOVARE" IASI, April 9<sup>th</sup>-10<sup>th</sup>, 2009, Prezentare poster.
26. Docan A., Cristea V., Grecu I., **Dediu L.** Hematologic response of European catfish, *Silurus glanis* reared in different density in „flow-through” production system. 8<sup>th</sup> International Symposium of Animal Biology and Nutrition organized by the National Research Development Institute for Animal Biology and Nutrition, Balotesti 24-25 Septembrie 2009. Prezentare orală.
27. Maereanu M., Cristea V., Grecu I., **Sfetcu L.**, Docan A. "Preliminary results regarding the use of ultrasonography for gender and maturation stage determinations in Romanian sturgeons aquaculture" The XVII International Annual Symposium on Deltas and Wetlands, 18-20 September, 2008, Danube Delta National Institute for Research and Development, Tulcea, Romania. Prezentare orală.
28. Cristea, V., **Sfetcu, L.**, Oprea, L., Vasilean, I., 2005, "Metode de tratament a apelor reziduale din acvacultura superintensivă prin fitoremediere", A VI-a sesiune științifică de comunicări „Ecologia și protecția ecosistemelor”, 4-5 noiembrie, Universitatea din Bacău, Facultatea de Științe, Catedra de Biologie, Prezentare poster.

**[E3] Lucrare științifică prezentată oral sau poster la m.s. națională:**

1. Dorojan Oana Georgiana (Varlan), Victor Cristea, Iulia Grecu, Angela Docan, Lorena Dediu. The current state of knowledge regarding embryogenesis and the development of larvae stage at culture sturgeons. Lucrare prezentata oral si abstract publicat in BOOK of ABSTRACTS Scientific Conference of Doctoral Schools from UDJ Galati CSSD-UDJG 2013 First Edition, 16 - 17 mai 2013. [http://www.cssd-udjg.ugal.ro/Book\\_of\\_abstracts\\_CSSD\\_UDJG\\_Ed1.pdf](http://www.cssd-udjg.ugal.ro/Book_of_abstracts_CSSD_UDJG_Ed1.pdf)
2. Mirea (Ciortan) Catalina, Victor Cristea, Lorena Dediu, Rodica Iulia Grecu. Influence of feed protein content level, to assess growth performance of Nile tilapia (*Oreochromis niloticus*, Linnaeus, 1758) in terms of a recirculating system. Lucrare prezentata oral si abstract publicat in BOOK of ABSTRACTS Scientific Conference of Doctoral Schools from UDJ Galati CSSD-UDJG 2013 First Edition, 16 - 17 mai 2013. [http://www.cssd-udjg.ugal.ro/Book\\_of\\_abstracts\\_CSSD\\_UDJG\\_Ed1.pdf](http://www.cssd-udjg.ugal.ro/Book_of_abstracts_CSSD_UDJG_Ed1.pdf)
3. Cristea, V., Grecu I., **Dediu L.**, Docan, A. *Directii si facilitati de cercetare in acvacultura*. Conferința Națională de Ecologie –“Ecologie si Evoluționism: Origine, Dezvoltare și Perspective” Oct. 2009, Galati
4. Docan A., Cristea V., Grecu I., **Dediu L.** *Parasitological and haematological research in ornamental carp (Koi carp) of farm Malina*. Conferința Națională de Ecologie –“Ecologie si Evoluționism: Origine, Dezvoltare și Perspective” Oct. 2009, Galati
5. **L. Dediu** , Cristea V., Grecu I., Docan A. *Sistem recirculant pilot pentru promovarea si implementarea unor tehnologii moderne de acvacultura*. Conferința Națională de Ecologie –“Ecologie si Evoluționism: Origine, Dezvoltare și Perspective” Oct. 2009, Galati
6. Docan A., **Sfetcu L.**, Ciolac A., 2003. Some biometrics data on Danube shade (*Alosa pontica*) caught in Danube River from 1990 to 2003. Lucrare prezentata poster la Sesiunea Stiintifica de comunicari “Ecologia si protectia ecosistemelor acvatice”, Bacau 2003
7. **Sfetcu L.**, Oprea L., Docan A., 2003. Growth of freshwater algae in Algal Turf Scrubber (ATS) based on wastewater aquaculture recirculation systems. Lucrare prezentata poster la Sesiunea Stiintifica de comunicari “Ecologia si protectia ecosistemelor acvatice”, Bacau 2003
8. Grigoraș G., **Sfetcu L.**, 2004. Aspecte privind adaptarea, întreținerea și conservarea unor specii de pești reofili într-un sistem închis: studiu de caz la acvaiul C.M.S.N. Galați. Lucrare prezentata oral la Simpozionul national de Ihtiologie, Arad, 2004.
9. Docan A., Sfetcu L., Grigoras G., 2004. Studii parazitologice asupra unor specii de ciprinide din Delta Dunarii. Lucrare prezentata oral la Simpozionul national de Ihtiologie, Arad, 2004

Data: 15.10.2015

Conf. dr.ing. Lorena Dediu

