

Listă de lucrări – Stroe (Dudu) Andreea

Articole în reviste cotate ISI, ca autor principal (prim autor, autor corespondent, ultim autor)

1. **Dudu A.**, Georgescu S. E. Exploring the multifaceted potential of endangered sturgeon: Caviar, meat and by-product benefits, 2024. *Animals*, 14(16), 2425. (FI = 2.7; AIS = 0.547)
2. Dumitru M, Lefter NA, Habeanu M, Ciurescu G, Vodnar DC, Elemer S, Sorescu I, Georgescu SE, **Dudu A.** Evaluation of Lactic Acid Bacteria Isolated from Piglets Tract and Encapsulation of Selected Probiotic Cells. *Agriculture*. 2023; 13(5):1098. <https://doi.org/10.3390/agriculture13051098> (FI = 3.6; AIS = 0.468)
3. **Dudu A.**, Samu M., Maoreanu M., Georgescu S.E.*, 2022. A Multistep DNA-Based Methodology for Accurate Authentication of Sturgeon Species, *Foods* vol. 11(7), 1007:1-18. (FI = 5.2; AIS = 0.651)
4. Dumitru M., Vodnar D.C., Elemer S., Ciurescu G., Habeanu M., Sorescu I., Georgescu S.E., **Dudu A.**, 2021. Evaluation of Non-Encapsulated and Microencapsulated Lactic Acid Bacteria, *Applied Sciences-Basel* vol. 11(21), ID 9867:1-15. (FI = 2.679; AIS = 0.409)
5. **Dudu A.**, Popa G.O., Ghita E., Pelmus R., Lazar C., Costache M., Georgescu S.E., 2020. Assessment of genetic diversity in main local sheep breeds from Romania using microsatellite markers, *Archives Animal Breeding* vol. 63(1), 53-59. (FI= 1.724; AIS = 0.559).
6. Popa G.O., **Dudu A.**, Bănăduc D., Curtean-Bănăduc A., Burcea A., Ureche D., Nechifor R., Georgescu S.E.*, Costache M., 2019. Genetic analysis of populations of brown trout (*Salmo trutta* L.) from the Romanian Carpathians, *Aquatic Living Resources* vol. 32, article ID 23, 1-10. (FI = 1.026; AIS = 0.559)
7. Florescu I.E., Burcea A., Popa G.O., **Dudu A.***, Georgescu S.E., Costache M., 2019. Genetic diversity analysis of aquaculture strains of *Acipenser stellatus* (Pallas, 1771) using DNA markers, *Iranian Journal of Fisheries Sciences* vol. 18(3), 405-417. (FI = 0.495; AIS = 0.559)
8. Popa G.O., **Dudu A.**, Bănăduc D., Curtean-Bănăduc A., Barbălată T., Burcea A., (Gune) Florescu I.E., Georgescu S.E, Costache M., 2017. Use of DNA barcoding in the assignment of commercially valuable fish species from Romania. *Aquatic Living Resources*, vol. 30, article ID 20, 1-12. (FI = 0.525; AIS = 0.340)
9. Burcea A., Popa G.O., Florescu I.E., **Dudu A.***, Georgescu S.E., Costache M. 2017. Genetic profile analysis of aquaculture Russian sturgeon (*Acipenser gueldenstaedtii*) – implications for restocking measures, *Acta Zoologica Academiae Scientiarum Hungaricae*, vol. 63(3), 361–376. (FI =0.846; AIS = 0.202)
10. **Dudu A.**, Ghiță E., Costache M., Georgescu S.E., 2016. Origin and genetic diversity of Romanian Racka sheep using mitochondrial markers. *Small Ruminant Research*, vol 144, 276-282. (FI = 0.947; AIS = 0.286).

11. **Dudu A.**, Georgescu S.E.*, Costache M. 2014. Molecular analysis of phylogeographic subspecies in three Ponto-Caspian sturgeon species. *Genetics and Molecular Biology*, vol. 37(3), 587-597. (FI = 0.655; AIS = 0.295).
12. **Dudu A.**, Georgescu S.E., Berrebi P., Costache M. 2012. Site heteroplasmy in the mitochondrial cytochrome b gene of the sterlet sturgeon *Acipenser ruthenus*, *Genetics and Molecular Biology*, vol. 35(4), 886-891. (FI = 0.697; AIS = 0.225)
13. **Dudu A.**, Suci R., Paraschiv M., Georgescu S.E., Costache M., Berrebi P. 2011. Nuclear Markers of Danube Sturgeons Hybridization, *International Journal of Molecular Sciences*, vol. 12(10), 6796-6809. (FI = 2.598; AIS = 0.537)
14. **Dudu A.**, Georgescu S.E.*, Popa O., Dinischiotu A. Costache M. 2011. Mitochondrial 16s and 12s rRNA sequence analysis in four salmonid species from Romania. *Acta Zoologica Academiae Scientiarum Hungaricae*, vol. 57(3), 233-246. (FI = 0.684; AIS = 0.152)
15. **Dudu A.**, Georgescu S.E.*, Dinischiotu A., Costache M. 2009. Four new polymorphisms of the mitochondrial gene cytochrome b in the beluga sturgeon (*Huso huso*) from the Black Sea. *Romanian Biotechnological Letters*, vol. 14(3), 4418-4422. (FI = 0,152, AIS =0)
16. **Dudu, A.**, Georgescu, S.E., Suci, R., Dinischiotu, A., Costache, M. 2008. Microsatellite DNA variation in the Black Sea beluga sturgeon (*Huso huso*). *Romanian Biotechnological Letters*, 2008, 13(3). (FI = 0, AIS=0)

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1. Popescu R.G., Dinischiotu A., **Stroe A.-A.**, Georgescu S.E., Marinescu, G.C., 2025. Proteomic Changes in the Cytoplasmatic Fraction of Weaned Piglets' Liver and Kidney Under Antioxidant and Mycotoxin Diets. *Antioxidants*, 14, 1216. <https://doi.org/10.3390/antiox14101216>. (FI = 6.6; 1.187)
2. Găitănar E.-C., Popescu R.G., **Stroe A.-A.**, Georgescu S.E., Marinescu, G.C., 2025. Exploring Epigenetic Ageing Using Direct Methylome Sequencing. *Epigenomes*, 9, 25. <https://doi.org/10.3390/epigenomes9030025> (FI = 3.5 ; AIS = 0.877)
3. Florescu (Gune) I.E., Georgescu S.E.*, **Dudu A.**, Balaş M., Voicu S., Grecu I., Dediu L., Dinischiotu A., Costache M., 2021. Oxidative Stress and Antioxidant Defense Mechanisms in Response to Starvation and Refeeding in the Intestine of Stellate Sturgeon (*Acipenser stellatus*) Juveniles from Aquaculture, *Animals* vol. 11, ID 76:1-21. (FI = 3; AIS = 0.459)
4. Florescu (Gune) I.E., Burcea A., Popa G.O., **Dudu A.**, Georgescu S.E.*, Balas M., Dinescu S., Voicu S., Grecu I., Dediu L., Dinischiotu A., Costache M., 2019. Effects of starvation and refeeding on growth performance and stress defense mechanisms of stellate sturgeon *Acipenser stellatus* juveniles from aquaculture, *Acta Biochimica Polonica* vol. 66(1), 47-59. (FI = 1.59; AIS = 0.559)
5. Burcea A., Popa G.O., Florescu (Gune) I.E., Maereanu M., **Dudu A.**, Georgescu S.E.*, Costache M., 2018. Expression Characterization of Six Genes Possibly Involved in Gonad Development for

- Stellate Sturgeon Individuals (*Acipenser stellatus*, Pallas 1771). International Journal of Genomics, vol. 2018, article ID 7835637, 1-10. (FI=1.904; AIS = 0.585)
6. Burcea A., Popa G.O., Florescu (Gune) I.E., Gharbia S., Gaina G., **Dudu A.**, Maereanu M., Hermenean A., Georgescu S.E.*, Costache M., 2018. Gene expression involved in the sexual development of Best Beluga hybrid sturgeons. Journal of Fish Biology, vol. 93(5), 1021-1026. (FI = 1.702; AIS = 0.555)
 7. Imre K., Sala C., Morar A., Imre M., Ciontu C., Chisăliță I., **Dudu A.**, Matei M., Dărăbuș G. 2017. Occurrence and first molecular characterization of *Sarcocystis* spp. in wild boars (*Sus scrofa*) and domestic pigs (*Sus scrofa domesticus*) in Romania: Public health significance of the isolates. Acta Trop., 167:191-195, doi: 10.1016/j.actatropica.2016.12.038. (FI = 2.509; AIS = 0.677)
 8. Popa G.O., Curtean-Bănăduc A., Bănăduc D., Florescu I.E., Burcea A., **Dudu A.**, Georgescu S.E.*, Costache M., 2016. Molecular Markers Reveal Reduced Genetic Diversity in Romanian Populations of Brown Trout, *Salmo trutta* L., 1758 (Salmonidae). Acta Zoologica Bulgarica, vol. 68(3), 399-406. (FI = 0.413; AIS = 0.114)
 9. M. Imre, **A. Dudu**, M.S. Ilie, S. Morariu, K. Imre, G. Dărăbuș, 2015. Molecular Survey of Hepatozoon canis in Red Foxes (*Vulpes vulpes*) from Romania, Journal of Parasitology, 101(4): 490-491. (FI = 1.394; AIS=0.418)
 10. Georgescu S.E., Manea M.A., **Dudu A.**, Costache M. 2012. Phylogenetic Relationships of the Mangalitsa Swine Breed Inferred from Mitochondrial DNA Variation. International Journal of Molecular Sciences, vol. 13(7), 8467-8481. (FI = 2.589, AIS = 0.666)
 11. Georgescu S.E., Manea M.A., **Dudu A.**, Costache M. 2011. Phylogenetic relationships of the Hucul horse from Romania inferred from mitochondrial D-loop variation. Genetics and Molecular Research, vol. 10(4), 4104–4113. (FI=1.184, AIS = 0,281)
 12. Otelea, M.R.; Zaulet, M.; Dudu, A.; Otelea, F.; Baraitareanu, S.; Danes, D., 2011. The scrapie genetic susceptibility of some sheep breeds in southeast Romanian area and genotype profiles of sheep scrapie infected. Romanian Biotechnological Letters, 16 (4), 6419-6429. (FI = 0.349, AIS = 0)

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1. **A. Dudu**, S.E. Georgescu, M. Costache, 2011. PCR-RFLP Method to Identify Salmonid Species of Economic Importance, Scientific Papers: Animal Science and Biotechnologies, 44(1):193–196.
2. **A. Dudu**, S.E. Georgescu, A. Burcea, I. Florescu, M. Costache, 2013. Microsatellites variation in sterlet sturgeon, *Acipenser ruthenus* from the Lower Danube, Scientific Papers: Animal Science and Biotechnologies, 46(1):90-94.
3. S.E. Georgescu, O. Canareica, G.O. Popa, **A. Dudu**, M. Costache, 2013. Characterization of five microsatellites in the Siberian sturgeon *Acipenser baerii* from aquaculture, Scientific Papers: Animal Science and Biotechnologies, 46(1):95-98.

4. S.E. Georgescu, O. Canareica, **A. Dudu**, M. Costache, 2013. Analysis of the microsatellite variation in the common hybrid between Russian sturgeon (*Acipenser gueldenstaedtii*) and Siberian sturgeon (*Acipenser baerii*) from aquaculture, *Transylvanian Review of Systematical and Ecological Research*, 15(2):117-124.
5. G.O. Popa, M. Khalaf, **A. Dudu**, A. Curtean-Bănăduc, D. Bănăduc, S.E. Georgescu, M. Costache, 2013. Brown trout's populations genetic diversity using mitochondrial markers in relatively similar geographical and ecological conditions – A Carpathian case study, *Transylvanian Review of Systematical and Ecological Research*, 15(2):125-132.
6. A. Burcea, I.E. Florescu, **A. Dudu**, S.E. Georgescu, M. Costache, 2014. Molecular methods for detection of natural hybrids in sturgeon population, *Transylvanian Review of Systematical and Ecological Research*, 16(1):65-72.
7. **A. Dudu**, S.E. Georgescu, A. Burcea, I. Florescu, M. Costache, 2014. Analysis of genetic diversity in beluga sturgeon, *Huso huso* (Linnaeus, 1758) from the Lower Danube River using DNA markers, *Scientific Papers: Animal Science and Biotechnologies*, 47(1):64-68.
8. S.E. Georgescu, A. Burcea, I. Florescu, G.O. Popa, **A. Dudu**, M. Costache, 2014. Microsatellite variation in Russian sturgeon (*Acipenser gueldenstaedtii*) from aquaculture, *Scientific Papers: Animal Science and Biotechnologies*, 47(1):73-76.
9. M. Khalaf, G.O. Popa, S.E. Georgescu, **A. Dudu**, M. Costache, 2014. Phylogeny of Salmonidae family inferred from D-loop mitochondrial marker, *Scientific Papers: Animal Science and Biotechnologies*, 47(1):77-81.
10. **Dudu A.**, Macarie R.D., Burcea A., Georgescu S.E.*, Costache M., 2015. Identification of Bester hybrid and its parental species (*Huso huso* Linnaeus, 1758 and *Acipenser ruthenus* Linnaeus, 1758) by nuclear markers, *Scientific Papers: Animal Science and Biotechnologies*, 48(1):81-85.
11. Khalaf M., Popa G.O., **Dudu A.**, Georgescu S.E.*, Bănăduc D., Costache M., 2015. Microsatellites variation in two different populations of Brown trout (*Salmo trutta*, morpho fario, Linnaeus, 1758) from Făgăraș Mountains, *Scientific Papers: Animal Science and Biotechnologies*, 48(1):86-89.
12. S.E. Georgescu, A. Ene, **A. Dudu**, E. Ghiță, M. Costache, 2016. Genetic polymorphisms of β -lactoglobulin and α -s1-casein genes in Romanian Racka sheep, *Scientific Papers: Animal Science and Biotechnologies*, 49(1):50-53.
13. **A. Dudu**, T. Barbălată, G.O. Popa, S.E. Georgescu, M. Costache, 2016. Advantages and Limitations of DNA Barcoding in Identifying Commercially-Exploited Fish Species, *Scientific Papers: Animal Science and Biotechnologies*, 49(1):45-49.
14. R. Nechifor, G.O. Popa, M. Samu, **A. Dudu**, D. Bănăduc, M. Costache, S.E. Georgescu, 2017. The Genetic Profiles of two Salmonid Populations from Romania Obtained through Nuclear Markers Analysis, *Scientific Papers: Animal Science and Biotechnologies*, 50(1):74-78.

15. G.O. Popa, **A. Dudu**, L.O. Popa, M. Maereanu, M. Costache, S.E. Georgescu, 2017. DNA-Based Methods for the Identification of Huchen (*Hucho hucho*, Linnaeus, 1758), *Scientific Papers: Animal Science and Biotechnologies*, 50(1):90-94.
16. Popa G.O., Samu M., Nechifor R., **Dudu A.**, Georgescu S.E., 2018. RP1S7 – A Possible Marker for Sturgeon Hybrids Identification, *Scientific Papers: Animal Science and Biotechnologies*, 51(1):102-105.
17. Burcea A., Florescu (Gune) I.E., Popa G.O., Maereanu M., **Dudu A.**, Costache M., Georgescu S.E., 2018. Dmrt1 and Cyp17a1 Protein Detection and Relative Quantification in Best Beluga Hybrid Sturgeon Gonads, *Scientific Papers: Animal Science and Biotechnologies*, 51(1):78-81.
18. Popa G.O., Nechifor R., Burcea A., Samu M., **Dudu A.**, Costache M., Maereanu M., Georgescu S.E., 2018. SaMSTNb23 and SaMSTNb33: emerging markers for growth traits in huchen (*Hucho hucho*, Linnaeus, 1758), *Scientific Papers: Animal Science and Biotechnologies*, 51(2):61-65.

Abstracte publicate în volumele unor conferințe internaționale din țară și din străinătate

1. S. Dinescu, A. Dudu, S. Georgescu, S. Ignat, E. Radu, M. Costache – “The impact of tumor microenvironment and PRP on human adipose-derived stem cells genomic instability and regeneration capacity”, EMBO Conference Advances in Stem Cells and Regenerative Medicine, Heidelberg, Germany, May 23-26, 2017, p. 111.
2. A. Dudu, A. Burcea, I.E. Florescu, G.O. Popa, M. Costache, S.E. Georgescu – “The assessment of genetic diversity in sturgeons aiming at aquaculture stocks improvement”, Book of abstract of “The 68th Annual meeting of the European Federation of Animal Science – Patterns of Livestock Production in the Development of Bioeconomy”, Tallinn, Estonia, 28 August – 01 September 2017, p. 317.
3. I.E. Florescu (Gune), M. Balas, A. Dudu, L. Dediu, A. Dinischiotu, M. Costache, S.E. Georgescu - “The effects of starving-refeeding diet on oxidative stress in sturgeons under aquaculture conditions”, Book of abstract of “The 68th Annual meeting of the European Federation of Animal Science – Patterns of Livestock Production in the Development of Bioeconomy”, Tallinn, Estonia, 28 August – 01 September 2017, p. 391.
4. A. Dudu, S.E. Georgescu, M. Maereanu, M. Costache, New approaches in sturgeon conservation and aquaculture by using genetic and biochemical markers, Book of abstracts, The 8th International Zoological Congress of "Grigore Antipa" Museum, Bucharest, 16-19 November 2016, p. 81.
5. I. Gune, A. Burcea, O. Popa, A. Dudu, S. Georgescu, S. Dinescu, I. Grecu, L. Dediu, A. Docan, M. Costache, The effects of starving and refeeding on Hsp genes transcription in *Acipenser stellatus* (Pallas, 1771) under aquaculture conditions, Book of abstracts, The 8th International Zoological Congress of "Grigore Antipa" Museum, Bucharest, 16-19 November 2016, p. 153.
6. G.O. Popa, A. Burcea, I.E. Gune, A. Curtean-Bănăduc, D. Bănăduc, A. Dudu, S.E. Georgescu, M. Costache - Two new D-loop control region haplotypes identified for Romanian brown trout

(*Salmo trutta* Linnaeus, 1758), Book of abstracts, The 8th International Zoological Congress of "Grigore Antipa" Museum, Bucharest, 16-19 November 2016, p. 156.

7. Burcea A., Popa G.O., Florescu (Gune) I.E., Dudu A., Georgescu S.E., Costache M. - Genetic diversity of five aquaculture strains of Russian sturgeon from Romania, Book of abstracts, Deltas and Wetlands, the 25th Scientific Symposium, Tulcea, 18-21 May 2017, p. 13.

8. R. Nechifor, G.O. Popa, M. Samu, A. Dudu, D. Bănăduc, M. Costache, S.E. Georgescu, The Genetic Profiles of two Salmonid Populations from Romania Obtained through Nuclear Markers Analysis, Book of Abstracts International Scientific Symposium "Bioengineering of Animal Resources", Timișoara, 25-26 May 2017, p. 16.

9. G.O. Popa, A. Dudu, L. Popa, M. Maereanu, M. Costache, S.E. Georgescu, DNA-Based Methods for the Identification of Huchen (*Hucho hucho*, Linnaeus, 1758), Book of Abstracts International Scientific Symposium "Bioengineering of Animal Resources", Timișoara, 25-26 May 2017, p. 11.

10. A. Burcea, G.O. Popa, I.E. Florescu, A. Dudu, S.E. Georgescu, M. Costache, The expression of sexual development genes in Best beluga hybrid individuals, Proceedings of the 6th Aquatic Biodiversity International Conference, Sibiu, 27-30 September 2017, p. 9.

11. G.O. Popa, A. Burcea, I.E. (Gune) Florescu, A. Dudu, D. Bănăduc, A. Curtean-Bănăduc, T. Barbălată, S.E. Georgescu, M. Costache, The applications of DNA barcoding in the assignment of commercially valuable salmonids, Proceedings of the 6th Aquatic Biodiversity International Conference, Sibiu, 27-30 September 2017, p. 22.

12. G.O. Popa, D. Ureche, A. Burcea, I.E. Florescu (Gune), A. Dudu, S.E. Georgescu, M. Costache, The genetic diversity of some salmonids from Uz and Oituz Rivers, Book of abstracts of Symposium „Ecology and protection of ecosystems”, The XIIth Edition, Bacău, 2-4 November 2017, p. 53-54.

13. A. Burcea, G.O. Popa, S. Gharbia, I.E. Florescu (Gune), A. Dudu, S.E. Georgescu, A. Hermenean, M. Costache, Insight in the gonad development of best beluga sturgeon hybrid individuals through histology and immunohistochemistry, Book of abstracts of Symposium „Ecology and protection of ecosystems”, The XIIth Edition, Bacău, 2-4 November 2017, p. 127.

14. M. Samu, R. Nechifor, G.O. Popa, S.E. Georgescu, M. Costache, A. Dudu, Identification of sturgeon species and interspecies hybrids using RP1S7 nuclear marker, Book of abstracts, The 9th International Zoological Congress of "Grigore Antipa" Museum, Bucharest, 22-25 November 2017, p. 164.

15. I.E. (Gune) Florescu, A. Burcea, G.O. Popa, A. Dudu, S.E. Georgescu, M. Balaș, S. Voicu, I. Grecu, L. Dediu, A. Docan, A. Dinischiotu, M. Costache, The effects of starvation and refeeding on Hsp protein level in *Acipenser stellatus* (Pallas, 1771) under aquaculture conditions, Book of abstracts, The 9th International Zoological Congress of "Grigore Antipa" Museum, Bucharest, 22-25 November 2017, p. 166.

16. G.O. Popa, A. Dudu, D. Bănăduc, A. Burcea, I.E. (Gune) Florescu, A. Curtean-Bănăduc, T. Barbălată, S.E. Georgescu, M. Costache, The applications of DNA barcoding in the assignment of

commercially valuable salmonids and acipenserids from Romania, Book of abstracts, The 9th International Zoological Congress of "Grigore Antipa" Museum, Bucharest, 22-25 November 2017, p. 169.

17. A. Burcea, G.O. Popa, S. Gharbia, I.E. Florescu (Gune), A. Dudu, S.E. Georgescu, A. Hermenean, M. Costache, The qPCR expression of genes possibly involved in the sexual development of individuals from two sturgeon species, Book of abstracts, The 9th International Zoological Congress of "Grigore Antipa" Museum, Bucharest, 22-25 November 2017, p. 85.

18. Popa G.O., Samu M., Nechifor R., Dudu A., Georgescu S.E., RP1S7 – A Possible Marker for Sturgeon Hybrids Identification, Book of abstracts, International Conference on Life Science „Bioengineering of Animal Resources”, Timișoara, 24-25 May 2018, p. 24.

19. Burcea A., Florescu (Gune) I.E., Popa G.O., Maoreanu M., Dudu A., Costache M., Georgescu S.E., 2018. Dmrt1 and Cyp17a1 Protein Detection and Relative Quantification in Best Beluga Hybrid Sturgeon Gonads, Book of abstracts, International Conference on Life Science „Bioengineering of Animal Resources”, Timișoara, 24-25 May 2018, p. 72.

20. Popa G.O., Nechifor R., Burcea A., Samu M., Dudu A., Costache M., Maoreanu M., Georgescu S.E., SaMSTNb23 and SaMSTNb33: Emerging Markers for Growth Traits in Huchen (Hucho hucho, Linnaeus, 1758), Book of abstracts, International Conference on Life Science „Bioengineering of Animal Resources”, Timișoara, 24-25 May 2018, p. 25.

Cărți publicate la edituri naționale

1. Evaluarea și caracterizarea genetică a salmonidelor din România, Georgescu Sergiu Emil, **Dudu Andreea**, Suci Radu, Vîrban Ionuț, Ionescu Ovidiu, Costache Marieta, 2011, Editura Universității din București, București, România, ISBN 978-606-16-0036-6, 136 p.

2. Tehnici de biologie moleculară - principii și aplicații practice, Sergiu Emil Georgescu, **Andreea Dudu**, Marieta Costache, 2016, Editura Universității din București, București, România, ISBN 978-606-16-0729, 250 p.

3. Lostrița, somonul Dunării – acvacultură și conservare, Sergiu Emil Georgescu, **Andreea Dudu**, Marilena Maoreanu, 2018, Editura Universității din București, București, România, ISBN 978-606-16-0968-0, 106 p.

Capitole de carte publicate la edituri internaționale

1. Lower Danube Sturgeon Identification Using DNA Markers, Marieta Costache, **Andreea Dudu**, Sergiu Emil Georgescu, p. 243-268, In „Analysis of Genetic Variation in Animals”, Editura InTech, Rijeka, Croatia, Februarie 2012, ISBN 978-953-51-0093-5.

2. Evaluation of genetic diversity in fish using molecular markers, **Andreea Dudu**, Sergiu Emil Georgescu, Marieta Costache, p. 163-193, In „Molecular Approaches to Genetic Diversity”, Editura InTech, Rijeka, Croatia, Aprilie 2015, ISBN 978-953-51-2042-1.

Capitole de carte publicate la edituri naționale

1. Biologia și genetica sturionilor, **Andreea Dudu**, Marilena Maereanu, Sergiu Emil Georgescu, p. 11-68, În “Biologia și genetica sturionilor de Dunăre: aplicații în acvacultură și conservare”, Editura Universității din București, București, România, 2017, ISBN 978-606-16-0857-7.
2. Filogenia și istoria evolutivă a sturionilor, **Andreea Dudu**, Marieta Costache, Sergiu Emil Georgescu, p. 69-92, În “Biologia și genetica sturionilor de Dunăre: aplicații în acvacultură și conservare”, Editura Universității din București, București, România, 2017, ISBN 978-606-16-0857-7.
3. Analize moleculare la speciile de sturioni din Dunăre, **Andreea Dudu**, Marieta Costache, Sergiu Emil Georgescu, p. 93-156, În “Biologia și genetica sturionilor de Dunăre: aplicații în acvacultură și conservare”, Editura Universității din București, București, România, 2017, ISBN 978-606-16-0857-7.

Teza de doctorat

Markeri moleculari la acipenseride, Coordonator Prof. univ. dr. Marieta Costache, susținută public la data de 23.09.2011; titlul de doctor acordat conform OMECTS 3639 din 27.03.2012.