

Lista completă a lucrărilor publicate

A. lista celor 10 lucrări relevante pentru realizările profesionale proprii, care sunt incluse în format electronic în dosar.

1. **Sandra Antonia Mihailov**, Nicoleta Adela Mihoc, D. Lalescu, A. Grozea – *Polyculture of the pikeperch (*Sander lucioperca*) fingerlings into recirculating aquaculture system, with sterlet (*Acipenser ruthenus*) or european catfish (*Silurus glanis*) – a preliminary study*, Research Journal of Agricultural Science, 49(4), 2017.
2. **Sandra Mihailov**, Georgia Stroescu, Dacian Lalescu, Adrian Grozea – *Correlations and Interdependencies of the Main Morphological Traits in 6 to 7.5-Months-old Pikeperch (*Sander lucioperca*), Reared in Recirculating Aquaculture System*, Scientific Papers: Animal Science and Biotechnologies, 51(1), 2018.
3. **Sandra Mihailov**, Nicoleta Mihoc, Dacian Lalescu, Adrian Grozea – *Correlations and Interdependencies of the Main Morphological Traits in Sterlet (*Acipenser ruthenus*) Fingerlings, Reared in Recirculating Aquaculture System*, Scientific Papers: Animal Science and Biotechnologies, 51(2), 2018.
4. **Sandra Mihailov**, Nicoleta Mihoc, Dacian Lalescu, Romeo Cristina, Sorin Voia, Adrian Grozea – *Could sterlet (*Acipenser ruthenus*) as polyculture species to positively influence the pikeperch (*Sander lucioperca*) farming in recirculating aquaculture systems?*, Scientific Papers. Series D. Animal Science, Vol. LXIII, No. 2, 2020.
5. **Sandra Mihailov**, Nicoleta Mihoc, Eliza Simiz, Ligia Berzava, Ludovic Cziszer, Adrian Grozea – *The Polyculture of Sterlet (*Acipenser ruthenus*) and Carp (*Cyprinus carpio*) in Recirculating Aquaculture Systems. The Effects on Fish Growth Dynamic and Production*, Scientific Papers: Animal Science and Biotechnologies, 53(2), 2020.
6. Nicoleta Mihoc, **Sandra Mihailov**, Dacian Lalescu, Adrian Grozea – *Study On The Effects of Polyculture of the Sterlet (*Acipenser ruthenus*) Fingerlings and European Catfish (*Silurus glanis*) on Bioproductive Performances of These Species in Recirculating Aquaculture Systems*, Scientific Papers: Animal Science and Biotechnologies, 54(1), 2021.
7. **Sandra Mihailov**, Silvia Pătruică, Adrian Grozea – *Integrated Multi-Trophic Aquaculture in Freshwater Systems in the Context of the Circular Economy – a Review*, Scientific Papers: Animal Science and Biotechnologies, 58(2), 2025, pp. 157–173.

8. Dragoș Moraru, Violeta Igna, Adrian Grozea, **Sandra Antonia Mihailov**, Ana Codruța Chiș, Silvia Pătruică – *The Effect of Apilarnil Administration on Spermiation and Semen Quality in Sterlet (Acipenser ruthenus)*, Applied Sciences, 2026, 16, 896. DOI: <https://doi.org/10.3390/app16020896>.

9. Dragos Moraru, Ersilia Alexa, Adrian Grozea, Violeta Igna, **Sandra Antonia Mihailov**, Christine Neagu, Silvia Pătruică – *Royal Jelly as a Natural Endocrine Modulator of Serum Estradiol Levels in Juvenile Sterlets (Acipenser ruthenus)*, Molecules, 2026, 31, 1210. DOI: <https://doi.org/10.3390/molecules31071210>

10. Dragoș Moraru, Adrian Grozea, Violeta Igna, **Sandra Antonia Mihailov**, Christine Neagu, Silvia Pătruică – *Evaluation of Propolis Efficacy in Wound Healing After Minimally Invasive Sex Determination in Sturgeon*, Applied Sciences, 2026, 16, 4852. DOI: <https://doi.org/10.3390/app16104852>.

B. Teza de doctorat.

1. **Corman S.Ș. Sandra-Antonia**, Dezvoltarea unor variante de policultură în cadrul sistemelor recirculante de acvacultură în vederea îmbunătățirii performanțelor productive ale șalăului (*Sander lucioperca*) și a cegii (*Acipenser ruthenus*), Teză de doctorat, 2021, Conducator științific Prof.dr.ing. Grozea Adrian, domeniul zootehnie, Seria J nr. 0048099.

C. Cărți și capitole în cărți

1. **Mihailov Sandra-Antonia**, Grozea Adrian, *Policultura unor specii de pești în cadrul sistemelor recirculante de acvacultură*, Editura EUROBIT, ISBN 978-973-132-715-0, 2021, 131 pagini.

D. Articole/studii in extenso, publicate în reviste cotate ISI cu factor de impact

1. Cristina R.T., Baroga M., Grozea A., **Mihailov S.A.**, Sîrb N.M., Dumitrescu E., Muselin F. – *An Early Embryo Model of Sterlet (Acipenser ruthenus) for the Assessment of Lead Effects*, Applied Ecology and Environmental Research, 17(1), 2019, pp. 917–929. DOI: https://doi.org/10.15666/aeer/1701_917929

2. Dragoș Moraru, Violeta Igna, Adrian Grozea, **Sandra Antonia Mihailov**, Ana Codruța Chiș, Silvia Pătruică – *The Effect of Apilarnil Administration on Spermiation and Semen Quality in Sterlet (Acipenser ruthenus)*, Applied Sciences, 2026, 16, 896. DOI: <https://doi.org/10.3390/app16020896>.

3. Dragoș Moraru, Ersilia Alexa, Adrian Grozea, Violeta Igna, **Sandra Antonia Mihailov**, Christine Neagu, Silvia Pătruică – *Royal Jelly as a Natural Endocrine Modulator of Serum Estradiol Levels in Juvenile Sterlets (Acipenser ruthenus)*, Molecules, 2026, 31, 1210. DOI: <https://doi.org/10.3390/molecules31071210>

4. Dragoș Moraru, Adrian Grozea, Violeta Igna, **Sandra Antonia Mihailov**, Christine Neagu, Silvia Pătruică – *Evaluation of Propolis Efficacy in Wound Healing After Minimally Invasive Sex Determination in Sturgeon*, Applied Sciences, 2026, 16, 4852. DOI: <https://doi.org/10.3390/app16104852>.

E. Articole/studii in extenso, publicate în reviste indexate BDI

1. Popescu I., Drinceanu D., Grigoriu E., Luca I., Popescu Andreea, **Corman Sandra** – *Mathematical Model Of Analysis Of The Functional Dependence Corporal Growth Function On Energy, Protein, Lysine, Metionine+Cistine At The Broilers*, Lucrări Științifice Zootehnie și Biotehnologii, Vol. XXXVI (2003), Timișoara, pp. 107–111.

2. Popescu I., Drinceanu D., Grigoriu E., Luca I., Popescu Andreea, **Corman Sandra** – *Mathematical model of analysis of the functional dependence corporal growth function on the combined fodder consumption at the broilers*, Lucrări Științifice Zootehnie și Biotehnologii, Vol. XXXVI (2003), Timișoara, pp. 102–106.

3. Popescu I., Drinceanu D., Grigoriu E., Luca I., Popescu Andreea, **Corman Sandra** – *Mathematical model of analyzing the dependence of the corporal mass (G) in function of lysine (L) and methionine + cystine (M) at broilers*, Lucrări Științifice Zootehnie și Biotehnologii, Vol. XXXVII (2004), Timișoara, pp. 117–120.

4. Popescu I., Drinceanu D., Grigoriu E., Luca I., Popescu Andreea, **Corman Sandra** – *Mathematical model of studying the dependence of energy (E) in function of protein (P) and methionine + cystine (M) at broilers*, Lucrări Științifice Zootehnie și Biotehnologii, Vol. XXXVII (2004), Timișoara, pp. 121–124.

5. S. Furdean, D. Lalescu, **Sandra Antonia Mihailov**, A. Grozea – *Growth dynamic of the main morphological traits in a sterlet (Acipenser ruthenus) population reared*

into recirculating aquaculture system, from 2 to 6 months old, Research Journal of Agricultural Science, 49(4), 2017.

6. **Sandra Antonia Mihailov**, Nicoleta Adela Mihoc, D. Lalescu, A. Grozea – *Polyculture of the pikeperch (Sander lucioperca) fingerlings into recirculating aquaculture system, with sterlet (Acipenser ruthenus) or european catfish (Silurus glanis) – a preliminary study*, Research Journal of Agricultural Science, 49(4), 2017.

7. **Sandra Mihailov**, Georgia Stroescu, Dacian Lalescu, Adrian Grozea – *Correlations and Interdependencies of the Main Morphological Traits in 6 to 7.5-Months-old Pikeperch (Sander lucioperca), Reared in Recirculating Aquaculture System*, Scientific Papers: Animal Science and Biotechnologies, 51(1), 2018.

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9. **Sandra Mihailov**, Nicoleta Mihoc, Dacian Lalescu, Romeo Cristina, Sorin Voia, Adrian Grozea – *Could sterlet (Acipenser ruthenus) as polyculture species to positively influence the pikeperch (Sander lucioperca) farming in recirculating aquaculture systems?*, Scientific Papers. Series D. Animal Science, Vol. LXIII, No. 2, 2020.

10. **Sandra Mihailov**, Nicoleta Mihoc, Eliza Simiz, Ligia Berzava, Ludovic Czisster, Adrian Grozea – *The Polyculture of Sterlet (Acipenser ruthenus) and Carp (Cyprinus carpio) in Recirculating Aquaculture Systems. The Effects on Fish Growth Dynamic and Production*, Scientific Papers: Animal Science and Biotechnologies, 53(2), 2020.

11. Nicoleta Mihoc, **Sandra Mihailov**, Dacian Lalescu, Adrian Grozea – *Study On The Effects of Polyculture of the Sterlet (Acipenser ruthenus) Fingerlings and European Catfish (Silurus glanis) on Bioproductive Performances of These Species in Recirculating Aquaculture Systems*, Scientific Papers: Animal Science and Biotechnologies, 54(1), 2021.

12. Petruța Gherescu, **Sandra Mihailov**, Adrian Grozea – *The Influence of Some Phyto-Additives on Bio-Productive Performances and the Health of the Farmed Fish – Review*, Scientific Papers: Animal Science and Biotechnologies, 56(1), 2023.

13. Petruța Gherescu, Gabi Dumitrescu, Silvia Pătruică, Lavinia Ștef, **Sandra Mihailov**, Miruna Copil, Adrian Grozea – *Study on the Influence of the Coriander (Coriandrum sativum) on the Chemical Composition of the Muscle in European Catfish (Silurus glanis)*, Scientific Papers: Animal Science and Biotechnologies, 56(2), 2023.

14. Hurjui Ramona, Popa Ioana, **Mihailov Sandra**, Grozea Adrian – *Study on Embryo Development in Sterlet (Acipenser ruthenus) Reared in a Recirculating Aquaculture System*, Scientific Papers: Animal Science and Biotechnologies, 58(1), 2025.
15. Ioana Popa, Ramona Hurjui, Gabi Dumitrescu, **Sandra Mihailov**, Adrian Grozea – *Quantitative Splanchnology study on European Catfish (Silurus glanis) Raised in Recirculating Aquaculture Systems*, Scientific Papers: Animal Science and Biotechnologies, 58(2), 2025, pp. 178–187.
16. **Sandra Mihailov**, Silvia Pătruică, Adrian Grozea – *Integrated Multi-Trophic Aquaculture in Freshwater Systems in the Context of the Circular Economy – a Review*, Scientific Papers: Animal Science and Biotechnologies, 58(2), 2025, pp. 157–173.
17. Phd. Ing. Dragoș Moraru, Prof. Univ. Dr. Ing. Adrian Grozea, Conf. Univ. Dr. Violeta Igna, Dr. Ing. **Sandra Antonia Mihailov**, Prof. Univ. Dr. Ing. Silvia Pătruică – *Influence of Royal Jelly Dietary Supplementation on Growth Dynamics in Sterlet (Acipenser ruthenus)*, 25th International Multidisciplinary Scientific GeoConference SGEM 2025, Section Biotechnology for Sustainable Solutions. Bioengineering, 2025, pp. 179–186. DOI: <https://doi.org/10.5593/sgem2025/6.1/s24.24>
18. Adrian Grozea, Petruța Gherescu, **Sandra Mihailov**, Ioana Grozea, Silvia Pătruică – *The Impact of Phytogenic Additives on Reproduction in Cultured Fish: A Review*, SGEM Vienna Green 2025 – “Green Sciences for Green Life”, Extended Scientific Sessions of the SGEM Earth & Planetary Sciences Conference, 2025.
19. Mădălina Andrei Cioba, Alexandru Dorian Micsescu, Adrian Filipescu, **Sandra Antonia Mihailov**, Adrian Grozea – *External Morphometric Assessment of a 1.5-Year-Old Sterlet (Acipenser ruthenus) Population Reared in a Recirculating Aquaculture System*, Scientific Papers: Animal Science and Biotechnologies, 59(1), 2026.
20. Adrian Filipescu, Mădălina Andrei-Cioabă, Alexandru-Dorian Micșescu-Benghia, **Sandra Antonia Mihailov**, Adrian Grozea – *Quantitative Splanchnological Study of Sterlet (Acipenser ruthenus) Reared in a Recirculating Aquaculture System*, Scientific Papers: Animal Science and Biotechnologies, 59(1), 2026.

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