

LISTA DE PUBLICAȚII

1. Deac, A.M., Muscă, A.S., Aipătioaie, M.G., Coșier, V.; Zăhan, M. (2022). Methods of Improving Reproductive Parameters in Sheep and The Major Genes Associated with Prolificacy: A Review. Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Animal Science & Biotechnologies, 79(1), 7-27.
2. Deac, A.M., Musca, A.S., Mesesan, S.D., Aipatioaie, M.G., Ionascu, A., Cosier, V., Zahan, M. (2023). Single-Nucleotide Polymorphisms Identified within Exon 2 of Fertility- Associated Bone Morphogenetic Protein (BMP15) Gene in Three Romanian Sheep Breeds. Agriculture, 13(5), 996.
3. Deac, A.M., Aipatioaie, M.G., Musca, A.S., Mesesan, S.D., Miclea, I., Ladosi, I., Zahan, M. (2023). Including Natural and Synthetic PGF2 α in a 11-day FGA-Based Estrus Synchronization Protocol in Sheep: an Efficacy Comparison of Dinoprost and Cloprostenol. Scientific Papers: Animal Science and Biotechnologies, 56(1), 17-22.
4. Deac, A.M., POP, D., Aipătioaie, M.G., Muscă, A.S., Meseșan, S.D., Miclea, I., Ladoși, I., Zăhan, M. (2024). Estrus synchronization protocols for fixed-time artificial insemination (FTAI) during non-breeding season in ewes. Journal of Central European Agriculture, 25(1), 13-21.
5. Vârban, D., Zăhan, M., Pop, C.R., Socoli, S., Ștefan, R., Crișan, I., Vârban, R. (2022). Physicochemical Characterization and Prospecting Biological Activity of Some Authentic Transylvanian Essential Oils: Lavender, Sage and Basil. Metabolites, 12(10), 962.
6. Aipătioaie, M.G.; Tritean, N.; Russu, F.; Urdă, C.; Deac, A.M.; Muscă, A.S.; Miclea, I.; Zăhan, M. (2022). Fatty Acids Profile from Longissimus Dorsi Muscle in Local Swine Breeds Bazna and Mangalitsa. Scientific Papers: Animal Science & Biotechnologies, 55(1), 240-245.
7. Ladoși, I., Deac, A.M., Savin, R., Ladoși, D., Zăhan, M. (2024). Effects of nursery and finishing pen shape on pig performance and welfare. Journal of Central European Agriculture, 25(1), 35-46.
8. Ladoși, I., Deac, A.M., Miclea, I., Ladoși, D., Zăhan, M. (2024). THE IMPACT OF PRODUCTION SCALE ON PIGLET BIRTHWEIGHT AND SURVIVAL UNTIL WEANING: INSIGHTS FROM A ROMANIAN FIELD TRIAL. Scientific Papers. Series D. Animal Science.
9. Musca, A.S., Deac, A.M., Baci, G.M., Miclea, I., Coldea, S.D., Zahan, M. (2024). Influence of Food on Reproductive Behavior in *Drosophila melanogaster*. Scientific Papers Animal Science and Biotechnologies, 57 (1), 93-99.
10. Musca, A.S., Ionascu, A., Constantin, N.D., Ratiu, A.C., Deac, A.M., Coldea, S.D., Miclea, I., Pihotovschi, A.I., Zahan, M. (2025). The analysis of several factors influencing *Drosophila melanogaster* embryo laying rates. Animal Biology & Animal Husbandry, 17(1), 6.
11. Roman, I.C., Deac, A.M., Ladoși, I., Miclea, I., Zăhan, M. (2025). From microscopes to models: The quest for early markers in oocyte selection. Animal Biology & Animal Husbandry, 17(1), 44-63.