

Списък на научни публикации

на гл. ас. д-р Димо Проданов Димов

приложени за участие в конкурс за академична длъжност доцент за нуждите на
Аграрен факултет, Тракийски университет

съгласно Приложение 8.1.

(Критерии за оценяване на кандидати за получаване на научни степени и длъжности,
Област 6. Аграрни науки и ветеринарна медицина, Професионално направление 6.3.
Животновъдство към 10.01.2022 г.)

I. Публикувана книга на база защитен дисертационен труд за присъждане на образователна и научна степен „доктор“.

1. Димов, Д. 2020. Комфорт при свободно боксово отглеждани крави за мляко. Книга на база дисертационен труд. Издателство „Алфа Визия“, Стара Загора, 81 стр. ISBN: 978-954-9483-95-6.

II. Статии и доклади, публикувани в научни издания, реферирани и индексирани в световноизвестни база данни с научна информация (в хронологичен ред).

II.1. Penev, T., I. Marinov, Zh. Gergovska, J.I Mitev, TCH. Miteva, **D. Dimov**, R. Binev. 2017. Linear type traits for feet and legs, their relation to health traits connected with them, and with productive and reproductive traits in dairy cows. Bulgarian Journal of Agricultural Science, 23 (No 3), 467–475. ISSN номер: 1310-0351 (print); ISSN: 2534-983X (online) **SJR – 0,262 (2017)**.

II.2. **Dimov, D.**, I. Marinov, T. Penev, Ch. Miteva, Zh. Gergovska. 2017. Influence of temperature-humidity index on comfort indices in dairy cows. Sylwan, 161 (6): 68-85. ISSN номер: 0039-7660 **IF – 0,623 (2017); SJR – 0,259 (2017)**.

II.3. **Dimov, D.**, Z. Gergovska, I. Marinov, Ch. Miteva, G. Kostadinova, T. Penev, R. Binev. 2017. Effect of stall surface temperature and bedding type on comfort indices in dairy cows. Sylwan, 161 (8): 2-16. ISSN номер: 0039-7660. **IF – 0,623 (2017); SJR – 0,259 (2017)**.

II.4. **Dimov, D.** 2019. Zoo-hygienic assessment of lighting in semi-open freestall barns for dairy cows. AGRICULTURAL SCIENCE AND TECHNOLOGY, VOL. 11, No 1, pp 67 – 73. ISSN номер: 1313-8820 (print); ISSN: 1314-412X (online)

II.5. **Dimov, D.**, Marinov, I., Penev, T., Miteva, Ch., & Gergovska, Zh. 2019. Animal hygienic assessment of air carbon dioxide concentration in semi-open freestall barns for dairy cows. Bulgarian Journal of Agricultural Science, 25(2), 354–362. ISSN номер: 1310-0351 (print); ISSN 2534-983X (online), **SJR – 0,191 (2019)**.

II.6. PENEV, T., MARINOV, I., **DIMOV, D.**, GERGOVSKA, ZH., MITEVA, CH., MITEV, J. 2019. Risk Factors for Hock Lesions Occurrence in Dairy Cows. Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis, 67(2): 415–423. ISSN номер: 12118516, **SJR – 0.167 (2019)**

- II.7. **DIMOV, D.** and MARINOV, I. 2019. Comfort Indicators in Free-Stall Housing of Dairy Cows. *Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis*, 67(4): 1099 – 1107. ISSN номер: 12118516, **SJR – 0.167 (2019)**
- II.8. Marinov, I., **Dimov, D.** & Penev, T. 2019. Influence of some environmental and paratypical factors on the somatic cells count in milk in black-and-white cows. *Bulg. J. Agric. Sci.*, 25 (Suppl. 3), 103–108. ISSN номер: 1310-0351 (print); ISSN 2534-983X (online), **SJR – 0.196 (2019)**.
- II.9. Penev, T., N. Naydenova, **D. Dimov**, I. Marinov. 2020. Influence of Heat Stress and Some Related Physiological Indicators on the Content of Long-Chain Fatty Acid in the Milk of Holstein-Friesian Cows. *Veterinarija ir zootechnika*; 77(99) 51-58. ISSN номер: 1392-2130 (Print); ISSN 2669-2511 (Online), **SJR – 0.146 (2020)**.
- II.10. Penev, T., Katcarov, V., Szostak, B., **Dimov, D.** 2020. Evaluation of hardness, size and weight load of hooves in wild boars, aboriginal and domestic swine. *SYLWAN*, 164 (3): 88-99. ISSN номер: 0039-7660. **IF – 0.281 (2020); SJR – 0.315 (2020)**.
- II.11. Marinov, I., Valchev, V., **Dimov, D.**, Penev, T. 2020. Relation between first lactation milk yield and functional traits in dairy cows. *Agronomy Research*, 18(3), pp. 2127–2137. ISSN номер: 1406-894X. **SJR – 0.369 (2020)**.
- II.12. **Dimov, D.**, Marinov, I. & Penev, T. 2020. Risk working conditions in dairy cattle farming- a review. *Bulg. J. Agric. Sci.*, 26 (Suppl. 1), 72-77. ISSN номер: 1310-0351 (print); ISSN 2534-983X (online), **SJR – 0.248 (2020)**
- II.13. **Dimov, D.**, Penev, T. & Marinov, I. 2020. Illumination levels in milking parlor in dairy cows freestall housing system. *Bulg. J. Agric. Sci.*, 26 (Suppl. 1), 78-82. ISSN номер: 1310-0351 (print); ISSN 2534-983X (online), **SJR – 0.248 (2020)**
- II.14. **Dimov, D.**, Toncho Penev and Ivaylo Marinov. 2020. Temperature-humidity index – an indicator for prediction of heat stress in dairy cows. *Veterinarija ir Zootechnika*; 78(100):74-9. ISSN номер: 1392-2130 (Print); ISSN 2669-2511 (Online), **SJR – 0.146 (2020)**.
- II.15. Penev, T., **D. Dimov**, N. Vasilev, J. Mitev, Tch. Miteva, I. Marinov, M. Stojnov. 2021. Influence of heat stress on reproductive performance in dairy cows and opportunities to reduce its effects – a review. *AGRICULTURAL SCIENCE AND TECHNOLOGY*, VOL. 13, No 1, pp 3-11. ISSN номер: 1313-8820 (print); ISSN: 1314-412X (online)
- II.16. **Dimov, D.** and Marinov, I. 2021. Factors determining the choice of bedding for freestall housing system in dairy cows farming - A review. *Journal of Central European Agriculture*, 22(1), p.1-13. DOI: /10.5513/JCEA01/22.1.2778. ISSN номер: 1332-9049, **SJR – 0.207 (2020)**.
- II.17. Penev, T., N. Naydenova, **D. Dimov** and I. Marinov. 2021. Influence of Heat Stress and Physiological Indicators Related to It on Health Lipid Indices in Milk of Holstein-Friesian Cows. *Journal of Oleo Science*, 70, (6) 745-755. doi: 10.5650/jos.ess20251. **IF – 1.601 (2020); SJR – 0.394 (2020)**. ISSN номер: 1345-8957 (PRINT); ISSN: 1347-3352 (ONLINE)
- II.18. Penev, T., **D. Dimov**, I. Marinov and T. Angelova. 2021. Study of influence of heat stress on some physiological and productive traits in Holstein-Friesian dairy cows. *Agronomy Research*, 19(1), pp. 210–223. <https://doi.org/10.15159/AR.21.014>, ISSN номер: 1406-894X. **SJR – 0.369 (2020)**.

II.19. Dimov, D., Marinov, I., & Penev, T. 2021. Thermal Work Limit Index in Cattle Farm. Acta Univ. Agric. Silvic. Mendel. Brun., 69(2), 199-202. doi: 10.11118/actaun.2021.016. ISSN номер: 12118516, *SJR – 0,179 (2020)*.

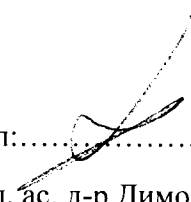
III. Резюмета на статии и доклади, публикувани в нереферирани списания с научно рецензиране или публикувани в редактирани колективни томове (в хронологичен ред).

III.1. Penev, T., V. Radev, T. Slavov, V. Kirov, **D. Dimov**, A. Atanasov, I. Marinov. 2014. Effect of lighting on the growth, development, behaviour, production and reproduction traits in dairy cows. International Journal of Current Microbiology and Applied Sciences (IJCMAS), 3, (11) 798-810. ISSN номер: 2319-7692 (Print); ISSN: 2319-7706 (Online)

Дата: 10. 01. 2022 г.

гр. Стара Загора

изготвил:.....


/гл. ас. д-р Димо Димов/