
**LISTADO DE ARTÍCULOS CIENTÍFICOS
(desde 2000 a 2023)**

*LIST OF SCIENTIFIC PAPERS
(from 2000 to 2023)*

- 1) Moravčíková N, Kasarda R., Židek R, McEwan JC, Brauning R, Landete-Castillejos T, Chonco L, Ciberej J, Pokorádi J. 2023. Traces of Human-Mediated Selection in the Gene Pool of Red Deer Populations. *Animals*, 13: 2525.
- 2) Perez Barberia FJ, Gomez JA, Gordon IJ, 2023. Legislative hurdles to using traditional domestic livestock in rewilding programmes in Europe. *Ambio* 52: 585-597
- 3) Perez Barberia FJ, Gordon IJ. 2023. Assessing social perceptions of rewilding approaches in Spain using traditional domestic livestock. *Journal of Wildlife Management* 87: e22425
- 4) Volodin Ilya A., Gogoleva Svetlana S., Garcia Andrés J., Landete-Castillejos Tomás, Volodina Elena V. 2023. Nocturnal chats of farmed animals: non-rutting vocalisations of male Iberian red deer, *Cervus elaphus hispanicus*. *Animal Production Science*, 63: 1687-1696.
- 5) Wang D. and Landete-Castillejos, T. 2023. Stem cells drive antler regeneration. Understanding the rapid growth of deer antlers could have applications in medicine. *Science*, 379: 757-758
- 6) Landete-Castillejos T, Rossetti A, Garcia AJ, de Cabo C, Festuccia C, Luna S, and Chonco L (2022). From a general anti-cancer treatment to antioxidant or deer osteoporosis: the consequences of antler as the fastest growing tissue. *Animal Production Science* (Q2, IF:1.719). Accepted. doi.org/10.1071/AN22176.
- 7) Gómez JA, Pérez-Barbería J, García AJ, Cappelli J, Chonco L, Ceacero F, Pérez Serrano M, and Landete-Castillejos T (2022). Factors affecting antler growth period and casting date in red deer. *Journal of Mammalogy* (Q1, 2,416). 103(1):169-177. doi.org/10.1093/jmammal/gyab097.
- 8) Chonco L., Landete-Castillejos T., Serrano-Heras G., Pérez-Serrano M., Pérez-Barbería F.J., González-Armesto C., García A., de Cabo C., Lorenzo J.M., Li C., Segura T. 2021. Anti-tumour activity of deer growing antlers and its potential applications in the treatment of malignant gliomas. *Scientific Reports*, 11 (article 42).
- 9) Gordon IJ, Perez-Barberia FJ and Manning AD. 2021. Rewilding Lite: Using Traditional Domestic Livestock to Achieve Rewilding Outcome. *Sustainability* 13: 3347
- 10) López-Pedrouso, M.; Lorenzo, J.M.; Landete-Castillejos, T.; Chonco, L.; Pérez-Barbería, F.J.; García, A.; López-Garrido, M.-P, Franco, D. 2021. SWATH-MS Quantitative Proteomic Analysis of Deer Antler from Two Regenerating and Mineralizing Sections. *Biology*, 10:679
- 11) Pérez-Barbería, FJ, Arroyo-González, I., García, A. J. , Serrano, M. P., Gallego, L. & Landete- Castillejos. T. 2021. Water sprinkling as a tool for heat stress abatement in farmed Iberian red deer: effects on calf growth and behaviour. *PLoS ONE*, 16: e0249540
- 12) Pérez-Barbería, FJ, Garcia, AJ, Lopez-Quintanilla, M., Landete-Castillejos T. 2021. Pelt Biting as a Practical Indicator of Social and Environment Stress in Farmed Red Deer. *Animals* 11: 3134

- 13) Capelli, J., F. Ceacero, T. Landete-Castillejos, L. Gallego, A. García. 2020. Smaller does not mean worse: variation of roe deer (*Capreolus capreolus*) antlers from two distant populations in their mechanical and structural properties and mineral profile. **Journal of Zoology**.311: 66- 75
- 14) Capelli, J., I. Frasca, A.J. García, T. Landete-Castillejos, S. Luccarini, L. Gallego, F. Morimando, P. Varuzza, M. Zaccaroni. 2020. Roe deer as a bioindicator: preliminary data on the impact of the geothermal power plants on the mineral profile in internal and bone tissues in Tuscany (Italy). **Environmental Science and Pollution Research**.27: 36121-36131.
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- 17) Ny V, Kotrba R, Cappelli J, Bureš D, Clar MA, García AJ, Landete-Castillejos T, Barto? L, Ceacero F. 2020. Effects of Lysine and Methionine supplementation on first antler growth in fallow deer (*Dama dama*). **Small Ruminant Research**. 187:106119. <https://doi.org/10.1016/j.smallrumres.2020.106119>.
- 18) Pérez-Barbería FJ, García A, Cappelli J, Landete-Castillejos T, Serrano MP, Gallego L. 2020. Heat stress reduces growth rate of red deer calf: climate warming implications. **PlosOne**. 15:e0233809.
- 19) Perez-Barberia FJ, Mayes RW, Giraldez J, Sanchez-Perez D. (2020). Ericaceous species reduce methane emissions in sheep and red deer: Respiration chamber measurements and predictions at the scale of European heathlands. **Science of the Total Environment** 714: e136738.
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- 22) Serrano M.P., García A.J., Landete-Castillejos T., Cappelli J., Gómez J.Á., Hidalgo F., Gallego L.. 2020. Parenteral Cu Supplementation of Late-Gestating and Lactating Iberian Red Deer Hinds Fed a Balanced Diet Reduces Somatic Cell Count and Modifies Mineral Profile of Milk. **Animals**. 10(83):1-14.
- 23) Serrano, M. P., Maggiolino, A., Landete-Castillejos, T., Pateiro, M., Pérez Barbería J., Fierro, Y., Domínguez, R., Gallego, L., García, A., De Palo, P. y Lorenzo Rodríguez, J.M. 2020. Quality of main types of hunted red deer meat obtained in Spain compared to farmed venison from New Zealand. **Scientific Reports**. 10: 12157. <https://doi.org/10.1038/s41598-020-69071-2> .
- 24) Ceacero F., Villagrán M., Gambín P.,García A., Cappelli J., Ungerfeld R. 2019. Better antlers when surrounded by females? The social contest influence antler mineralization in pampas deer (*Ozotozeros bezoarticus*) bony horncore of the common eland (*Taurotragus oryx*): composition and mechanical properties of a spiral fighting structure. **Ethology Ecology &**

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- 28) Lorenzo, J.M., Maggiolino, A., Gallego, L., Pateiro, M., Pérez Serrano, M., Domínguez, R., Díaz, A., Landete-Castillejos, T. y De Palo, P. 2019. Effect of age on nutritional properties of Iberian wild red deer meat. **Journal of The Science of Food and Agriculture** 99: 1561-1567. DOI: 10.1002/jsfa.9334.
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- 34) de la Vara JA, Berruga MI, Cappelli J, Landete-Castillejos T, Carmona M, Gallego L, Molina A. 2018. Some aspects of the ethanol stability of red deer milk (*Cervus elaphus hispanicus*): A comparison with other dairy species. **International Dairy Journal** 86:103-109.
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