

ELENCO DEI PRODOTTI
DELLA RICERCA

PUBBLICAZIONI SU RIVISTE PEER REVIEW E ACCREDITATE DI ISSN:

1. Piccione, G., Arfuso, F., **Fiore, E.**, Giudice, E., Morgante, M., Giambelluca, S., Giancesella, M. Detection of digital and interdigital dermatitis in Holstein Frisian dairy cows by means of infrared Thermography (2019) *Journal of Veterinary Science (Suwon-si, Korea)*
2. Saha, S., Gallo, L., Bittante, G., Schiavon, L., Giancesella, M., **Fiore, E.** A study on the effects of rumen acidity on rumination time and yield, composition, and technological properties of milk from early lactating holstein cows (2019) *Animals*, 9 (2),66
3. **Fiore, E.**, Perillo, L., Marchesini, G., Piccione, G., Giudice, E., Zumbo, A., Armato, L., Fabbri, G., Giancesella, M. Effect of parity on claw horn lesions in Holstein dairy cows: Clinical and radiological study (2019) *Annals of Animal Science*, 19 (1) 145–156.
4. Faillace, V., **Fiore, E.**, Coppola, L.M. Tracheal collapse in a belgian blue calf: radiographic and endoscopic findings (2018) *Large Animal Review*, 24, 241-242.
5. **Fiore, E.**, Perillo, L., Morgante, M., Giudice, E., Contiero, B., Curone, G., Manuali, E., Pavone, S., Piccione, G., Giancesella, M. Ultrasonographic measurement of liver, portal vein, hepatic vein and perivisceral adipose tissue in high-yielding dairy cows with fatty liver during the transition period (2018) *Journal of Dairy Research*, pp.1-8
6. Giancesella, M., Arfuso, F., **Fiore, E.**, Giambelluca, S., Giudice, E., Armato, L., Piccione, G. Infrared thermography as a rapid and non-invasive diagnostic tool to detect inflammatory foot diseases in dairy cows (2018) *Polish Journal of Veterinary Science*, 21 (2), pp. 299-305.
7. Giancesella, M., Perillo, L., **Fiore, E.**, Giudice, E., Zumbo, A., Morgante, M., Piccione, G. Transition period in healthy and diseased dairy cows: evaluation of metabolic modifications (2018) *Large Animal Review*, 24 (3), pp. 107-111.
8. Magrin, L., Gottardo, F., **Fiore, E.**, Giancesella, M., Martin, B., Chevaux, E., Cozzi, G. Use of a live yeast strain of *Saccharomyces cerevisiae* in a high-concentrate diet fed to finishing Charolais bulls: effects on growth, slaughter performance, behavior, and rumen environment (2018) *Animal Feed Science and Technology*, 241, pp. 84-93.
9. **Fiore, E.**, Arfuso, F., Giancesella, M., Vecchio, D., Morgante, M., Mazzotta, E., Badon, T., Rossi, P., Bedin, S., Piccione, G. Metabolic and hormonal adaptation in *Bubalus bubalis* around calving and early lactation (2018) *PlosOne*, 13 (4), art. no. e0193803.
10. Bobbo, T., **Fiore, E.**, Giancesella, M., Morgante, M., Gallo, L., Ruegg, P.L., Bittante, G., Cecchinato, A. Variation in blood serum proteins and association with somatic cell count in dairy cattle from multi-breed herds (2017) *Animal*, 11 (12), pp. 2309-2319.
11. Bobbo, T., Ruegg, P.L., **Fiore, E.**, Giancesella, M., Morgante, M., Pasotto, D., Gallo, L., Bittante, G., Cecchinato, A. Short communication: Association between udder health status and blood serum proteins in dairy cows (2017) *Journal of Dairy Science*, 100 (12), pp. 9775-9780.
12. **Fiore, E.**, Giambelluca, S., Morgante, M., Contiero, B., Mazzotta, E., Vecchio, D., Vazzana, I., Rossi, P., Arfuso, F., Piccione, G., Giancesella, M. Changes in some blood parameters, milk composition and yield of buffaloes (*Bubalus bubalis*) during the transition period (2017) *Animal Science Journal*, 88 (12), pp. 2025-2032.
13. **Fiore, E.**, Giambelluca, S., Morgante, M., Piccione, G., Vazzana, I., Contiero, B., Orefice, T., Arfuso, F., Giancesella, M. Changes in thyroid hormones levels and metabolism in dairy cows around calving (2017) *Acta Veterinaria*, 67 (3), pp. 318-330.
14. Bobbo, T., Ruegg, P.L., Stocco, G., **Fiore, E.**, Giancesella, M., Morgante, M., Pasotto, D., Bittante, G., Cecchinato, A. Associations between pathogen-specific cases of subclinical mastitis and milk yield, quality, protein composition, and cheese-making traits in dairy cows (2017) *Journal of Dairy Science*, 100 (6), pp. 4868-4883.
15. Levi, M., Dittmer, K.E., Gentile, A., Beltrame, A., Bolcato, M., Morgante, M., **Fiore, E.**, Benazzi, C. Growth Plate Lesions of Fattening Bulls (2017) *Veterinary Pathology*, 54 (3), pp. 437-444.
16. **Fiore, E.**, Piccione, G., Rizzo, M., Morgante, M., Barberio, A., Giudice, E., Giancesella, M. Adaptation of some energetic parameters during transition period in dairy cows (2017) *Journal of Applied Animal Research*, pp. 1-4.
17. **Fiore, E.**, Piccione, G., Arfuso, F., Zumbo, A., Giancesella, M. Metabolic changes in dairy cows at different lactation class during the transition period (2017) *Large Animal Review*, 23, pp. 45-48.
18. **Fiore, E.**, Piccione, G., Perillo, L., Barberio, A., Manuali, E., Morgante, M., Giancesella, M. Hepatic lipidosis in high-yielding dairy cows during the transition period: Haematochemical and histopathological findings (2017) *Animal Production Science*, 57 (1), pp. 74-80.
19. **Fiore, E.**, Arfuso, F., Colitti, M., Giancesella, M., Giudice, E., Piccione, G., Morgante, M. Expression of selected genes related to energy mobilization and insulin resistance in dairy cows (2017) *Animal Production Science*, 57 (6), pp. 1007-1013.
20. Schrank, M., Bonsembiante, F., **Fiore, E.**, Bellini, L., Zamboni, C., Zappulli, V., Stelletta, C., Mollo, A. Diagnostic approach to fibrocystic mastopathy in a goat: thermographic, ultrasonographic, and histological findings [Approccio diagnostico alla mastopatia fibrocistica in una capra: rilievi termografici, ecografici ed isto-patologici] (2017) *Large Animal Review*, 23, pp. 33-37.
21. Giambelluca, S., **Fiore, E.**, Sadocco, A., Giancesella, M., Vazzana, I., Orefice, T., Morgante, M. Evaluation of venous blood gas levels, blood chemistry and haemocytometric parameters in milk fed veal calves at different periods of livestock cycle (2016) *Polish Journal of Veterinary Sciences*, 19 (4), pp. 745-752.
22. **Fiore, E.**, Perillo, L., Piccione, G., Giancesella, M., Bedin, S., Armato, L., Giudice, E., Morgante, M. Effect of combined acetylmethionine, cyanocobalamin and α -lipoic acid on hepatic metabolism in high-yielding dairy cow (2016) *Journal of Dairy Research*, 83 (4), pp. 438-441.
23. Banzato, T., **Fiore, E.**, Morgante, M., Manuali, E., Zotti, A. Texture analysis of B-mode ultrasound images to stage hepatic lipidosis in the dairy cow: A methodological study (2016) *Research in Veterinary Science*, 108, pp. 71-75.
24. Alberghina, D., **Fiore, E.**, Piccione, G., Marafioti, S., Morgante, M., Giancesella, M. Evaluation of hepatic markers and body weight gain in growing and finishing steers (2016) *Comparative Clinical Pathology*, 25 (4), pp. 721-725.
25. Armato, L., Giancesella, M., Morgante, M., **Fiore, E.**, Rizzo, M., Giudice, E., Piccione, G. Rumen volatile fatty acids \times dietary supplementation with live yeast and yeast cell wall in feedlot beef cattle (2016) *Acta Agriculturae Scandinavica A: Animal*

- Sciences, 66 (2), pp. 119-124.
26. Perazzi, A., Iacopetti, I., Stelletta, C., **Fiore, E.** Bilateral glaucoma in a Tibetan goat: Clinical and thermographic findings [Glaucoma bilaterale in una capra tibetana: Rilievi clinici e termografici] (2016) *Large Animal Review*, 22, pp. 281-283.
 27. **Fiore, E.**, Armato, L., Morgante, M., Muraro, M., Boso, M., Giancesella, M. Methaphylactic effect of tulathromycin treatment on rumen fluid parameters in feedlot beef cattle (2016) *Canadian Journal of Veterinary Research*, 80 (1), pp. 60-65.
 28. **Fiore, E.**, Levi, M., Giancesella, M., Benazzi, C., Morgante, M., Beltrame, A., Vaccaro, C., Gentile, A. Epiphysitis in fattening bulls: Radiological and pathologic findings [Epifisiti nei bovini da carne: reperti radiologici ed anatomopatologici] (2016) *Large Animal Review*, 22 (1), pp. 43-45.
 29. Armato, L., Giancesella, M., **Fiore, E.**, Arfuso, F., Rizzo, M., Zumbo, A., Giudice, E., Piccione, G., Morgante, M. Effect of live yeast & yeast cell wall *Saccharomyces cerevisiae* diet supplementation on faeces, chemical composition and growth performance in growing and finishing beef steers (2016) *Large Animal Review*, 22, pp. 203-210.
 30. **Fiore, E.**, Piccione, G., Giancesella, M., Praticò, V., Vazzana, I., Dara, S., Morgante, M. Serum thyroid hormone evaluation during transition periods in dairy cows (2015) *Archives Animal Breeding*, 58 (2), pp. 403-406.
 31. Bortolami, A., **Fiore, E.**, Giancesella, M., Corrà, M., Catania, S., Morgante, M. Evaluation of the udder health status in subclinical mastitis affected dairy cows through bacteriological culture, Somatic Cell Count and thermographic imaging (2015) *Polish Journal of Veterinary Sciences*, 18 (4), pp. 799-805.
 32. **Fiore, E.**, Barberio, A., Morgante, M., Rizzo, M., Giudice, E., Piccione, G., Lora, M., Giancesella, M. Glucose infusion response to some biochemical parameters in dairy cows during the transition period (2015) *Animal Science Papers and Reports*, 33 (2), pp. 129-136.
 33. **Fiore, E.**, Giancesella, M., Arfuso, F., Giudice, E., Piccione, G., Lora, M., Stefani, A., Morgante, M. Glucose infusion response on some metabolic parameters in dairy cows during transition period (2014) *Archiv Tierzucht*, 57 (1), pp. 1-9.
 34. **Fiore, E.**, Bortolami, A., Pozza, L., Badon, T., Armato, L. Clinical cases: Chronic copper poisoning in a goat [I casi della clinica] (2014) *Large Animal Review*, 20, pp. 269-270.
 35. **Fiore, E.**, Stelletta, C., Vencato, J. Purulent pericarditis from *Arcanobacterium pyogenes* in a bull [Pericardite purulenta da *arcanobacterium pyogenes* in un toro] (2013) *Large Animal Review*, 19 (3), p. 148.
 36. Vencato, J., **Fiore, E.**, Morgante, M., Stelletta, C. Gastric ulcers in South American camelids [Le ulcere gastriche nei camelidi Sudamericani] (2012) *Large Animal Review*, 18 (3), pp. 123-127.

PROCEEDINGS IN ATTI DI CONVEGNI NAZIONALI ED INTERNAZIONALI, E PUBBLICAZIONI DI ARTICOLI SCIENTIFICI SU RIVISTE NON ACCREDITATE DI ISSN:

1. Fabbri G., **Fiore E.**, Arfuso F., Piccione G., Vecchio D., Morgante M., Mazzotta E., Rossi P., Giancesella M. Serum haptoglobin and protein electrophoretic fractions modification in buffaloes (*bubalus bubalis*) around calving and during early lactation. (2018) *Proceeding of SIB (Società Italiana di Buiatria)*, Bologna, Italia, pp.135
2. **Fiore E.**, Fabbri G., Gallo L., Morgante M., Boso M., Muraro M., Giancesella M. Detection of intramuscular fat using texture analysis of b-mode ultrasound Images in living beef cattle. (2018) *Proceeding of SIB (Società Italiana di Buiatria)*, Bologna, Italia, pp.136
3. **Fiore, E.**, Arfuso, F., Fabbri, G., Piccione, G., Vecchio, D., Morgante, M., Mazzotta, E., Rossi, P., Giancesella, M. Calving and early lactation effect on metabolic and hormonal parameters in *bubalus bubalis*. (2018) *Proceedings of SISVET (Società Italiana delle Scienze Veterinarie)*, Torino, Italia, pp. 216
4. Fabbri, G., **Fiore, E.**, Morgante, M., Armato, L., Bonato, O., Giancesella, M. Ultrasonographic evaluation of digital lesions in holstein dairy cows. (2018) *Proceedings of SISVET (Società Italiana delle Scienze Veterinarie)*, Torino, Italia, pp. 213
5. Fabbri, G., Arfuso, F., **Fiore, E.**, Morgante, M., Piccione, G., Armato, L., Giudice, E., Bonato, O., Giancesella, M. Use of infrared thermography to detect inflammatory foot diseases in dairy cows as a rapid and non-invasive diagnostic tool. (2017) *Proceedings of SISVET (Società Italiana delle Scienze Veterinarie)*, Napoli, Italia, pp. 98
6. Fabbri, G., Arfuso, F., **Fiore, E.**, Morgante, M., Piccione, G., Armato, L., Giudice, E., Bonato, O., Giancesella, M. Infrared thermography as a rapid and non-invasive diagnostic tool for the detection of digital and interdigital dermatitis in holstein frisian dairy cows. (2017) *Proceedings of SISVET (Società Italiana delle Scienze Veterinarie)*, Napoli, Italia, pp. 104
7. Levi, M., Dittmer, K., Gentile, A., Beltrame, A., Morgante, M., **Fiore, E.**, Bolcato, M., Benazzi, C. Growth plate lesions of 62 fattening bulls at the abattoir in the north - east of Italy. (2016) *Proceedings of the European College of Veterinary Pathologists*, pp. 127
8. **Fiore, E.**, Armato, L., Morgante, M., Giambelluca, S., Giancesella, M. Ultrasonography of the rumen wall as a potential diagnostic tool to diagnose of Subacute Rumen Acidosis (SARA) in fattening bulls. (2016) *Proceedings of the World Buiatrics Congress 2016, Dublin, Ireland*, pp. 148-149 (Oral Presentation)
9. **Fiore, E.**, Morgante, M., Bolcato, M., Giancesella, M., Benazzi, C., Levi, M., Giambelluca, S., Beltrame, A., Gentile, A. Radiographic examination of Epiphysitis in fattening bulls and corresponding pathological aspects. (2016) *Proceedings of the World Buiatrics Congress 2016, Dublin, Ireland*, pp. 340-341 (Oral Presentation)
10. **Fiore, E.**, Giambelluca, S., Giancesella, M., Armato, L., Morgante, M. Monitoring Ketosis in dairy cattle: effect of two different therapeutic procedures on some metabolic parameters. (2016) *Proceedings of the World Buiatrics Congress 2016, Dublin, Ireland*, pp. 493.
11. **Fiore, E.** (2015) Attività, risultati e considerazioni e per un uso consapevole del farmaco. EXPO Milano, Sala congressuale AQUA (Ve). (Oral Presentation)
12. **Fiore, E.**, Morgante, M., Schiavon, E. Vaccinazioni e malattie respiratorie, incidenza e costi. Sperimentazione Sanibeeff: i risultati ci sono. (2015) Ed. *Informatore Agrario S.r.l.* pp. 3-7
13. Giambelluca, S., Sadocco, A., **Fiore, E.**, Armato, L., Giudice, E., Morgante, M. Evaluation of venous blood gas analysis in milk fed calves at different period of livestock cycle. (2015) *Proceeding of XXII International Congress of Mediterranean Federation for Health and Production of Ruminants Sassari, Italy*, pp. 82-86. (Oral Presentation)
14. Rizzo, M., Arfuso, F., Marafioti, S., Saoca, C., Congiu, F., **Fiore, E.**, Piccione, G. Daily rhythm of total activity/rest pattern in goat and sheep. (2015) *Proceeding of XXII International Congress of Mediterranean Federation for Health and Production of*

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15. Sadocco, A., Giambelluca, S., **Fiore, E.**, Vazzana, I., Orefice, T., Giudice, E., Dara, S., Morgante, M. Evaluation of blood chemistry and haemocytometric parameters in milk fed veal calves. (2015) Proceeding of XXII International Congress of Mediterranean Federation for Health and Production of Ruminants Sassari, Italy, pp. 262-266.
 16. **Fiore, E.** Utilizzo della diagnostica per immagini: approccio pratico ed esperienze di campo. Congresso Internazionale SIVAR, May 2015. (Oral Presentation)
 17. Bortolami, A., Mancin, M., Vencato, J., **Fiore, E.**, Morgante, M., Corrà, M. Infrared thermography as a diagnostic tool for early detection of subclinical mastitis in dairy cows. (2014) Proceedings of XXVII World Buiatrics Congress, Cairns, Australia, pp. 59.
 18. **Fiore, E.**, Lora, M., Bortolami, A., Armato, L., Morgante, M., Giancesella, M. Predictive indexes for risk of diseases in dairy cows during the transition period (Second Part). (2014) Ruminantia On-Line.
 19. **Fiore, E.**, Lora, M., Bortolami, A., Armato, L., Morgante, M., Giancesella, M. Predictive indexes for risk of diseases in dairy cows during the transition period (First Part). (2014) Ruminantia On-Line.
 20. **Fiore, E.**, Zambelli, F., Lora, M., Van Saun, R.J., Stefani, A., Bortolami, A., Giancesella, M., Morgante, M. (2013) Effect of Glucose Tolerance Test (GTT) in the energy metabolism of dairy cows. Proceedings of Buiatrics 2013, August 27-30, Bern, pp. 98
 21. **Fiore, E.**, Lora, M., Van Saun, R.J., Stefani, A., Giancesella, M., Armato, L., Morgante, M. (2013) Metabolic Profiles in dairy cows affected by Ketosis and Retained Placenta. Proceedings of ICPD 2013, June 22-27, Uppsala, pp. 106
 22. Riuzzi, S., **Fiore, E.**, Giancesella, M., Morgante, M. Correlation between glucose tolerance test (GTT) in Transition dairy cows and BHB, glycemia and diseases incidence detected in a field trial. (2012) Proceedings of XXVII World Buiatrics Congress 2012. June 03-08, Lisbon, pp. 96
 23. Giancesella, M., Vazzana, I., **Fiore, E.**, Di Marco, V., Dara, S., Morgante, M. Seasonal differences on the metabolism of some health parameters in Italian dairy cow. (2012) Proceedings of XXVII World Buiatrics Congress 2012. June 03-08, Lisbon, pp. 164
 24. **Fiore, E.**, Lora, M., Giancesella, M., Cimmieri, D., Morgante, M. Field application of ultrasound-guided biopsy of liver and perivisceral adipose tissue sampling in high production dairy cow. (2012) Proceedings of XXVII World Buiatrics Congress 2012. June 3-08, Lisbon, pp. 164
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STESURA CAPITOLI IN LIBRI DI TESTO:

1. Stelletta, C., Giancesella, M., Vencato, J., **Fiore, E.**, Morgante, M. Thermographic applications in veterinary medicine. In "Infrared Thermography". Ed. InTech. Open Access Publisher, December 2012
 2. Stelletta, C., Vencato, J., **Fiore, E.**, Giancesella, M. Infrared thermography in reproduction. In "Thermography – Current status and advances in livestock animals and in Veterinary Medicine". Ed. Fondazione Iniziative Zooprofilattiche e Zootecniche - Brescia, March 2013
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PREMI SCIENTIFICI RICEVUTI:

1. ECBHM Awards: Best Research in Poster or Oral Presentation Session at the World Buiatrics Congress 2016, Dublin, Ireland.
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