

Luigi Gallo

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

659
citations

687363

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642732

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48
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times ranked

770
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Influence of Slaughter Weight and Sex on Growth Performance, Carcass Characteristics and Ham Traits of Heavy Pigs Fed Ad-Libitum. <i>Animals</i> , 2022, 12, 215. | 2.3 | 3 |
| 2 | Impact of Rearing Strategies on the Metabolizable Energy and SID Lysine Partitioning in Pigs Growing from 90 to 200 kg in Body Weight. <i>Animals</i> , 2022, 12, 689. | 2.3 | 2 |
| 3 | Real-time milk analysis integrated with stacking ensemble learning as a tool for the daily prediction of cheese-making traits in Holstein cattle. <i>Journal of Dairy Science</i> , 2022, 105, 4237-4255. | 3.4 | 10 |
| 4 | Added Value of Local Sheep Breeds in Alpine Agroecosystems. <i>Sustainability</i> , 2022, 14, 4698. | 3.2 | 3 |
| 5 | Associations between Milk Fatty Acid Profile and Body Condition Score, Ultrasound Hepatic Measurements and Blood Metabolites in Holstein Cows. <i>Animals</i> , 2022, 12, 1202. | 2.3 | 5 |
| 6 | In-line near-infrared analysis of milk coupled with machine learning methods for the daily prediction of blood metabolic profile in dairy cattle. <i>Scientific Reports</i> , 2022, 12, 8058. | 3.3 | 10 |
| 7 | The History of the School of Animal Science at the University of Padova (Padua) and the Evolution of Animal Science in Italy. <i>Agriculture (Switzerland)</i> , 2022, 12, 902. | 3.1 | 1 |
| 8 | Impact of somatic cell count combined with differential somatic cell count on milk protein fractions in Holstein cattle. <i>Journal of Dairy Science</i> , 2022, 105, 6447-6459. | 3.4 | 10 |
| 9 | Macro- and micromineral composition of milk from purebred Holsteins and four generations of three-breed rotational crossbred cows from Viking Red, MontbÃ©liarde and Holstein sires. <i>Italian Journal of Animal Science</i> , 2021, 20, 447-452. | 1.9 | 2 |
| 10 | Application of Ultrasound Images Texture Analysis for the Estimation of Intramuscular Fat Content in the Longissimus Thoracis Muscle of Beef Cattle after Slaughter: A Methodological Study. <i>Animals</i> , 2021, 11, 1117. | 2.3 | 7 |
| 11 | Associations between differential somatic cell count and milk yield, quality, and technological characteristics in Holstein cows. <i>Journal of Dairy Science</i> , 2021, 104, 4822-4836. | 3.4 | 22 |
| 12 | The Implications of Changing Age and Weight at Slaughter of Heavy Pigs on Carcass and Green Ham Quality Traits. <i>Animals</i> , 2021, 11, 2447. | 2.3 | 6 |
| 13 | Associations between ultrasound measurements and hematochemical parameters for the assessment of liver metabolic status in Holsteinâ€™Friesian cows. <i>Scientific Reports</i> , 2021, 11, 16314. | 3.3 | 13 |
| 14 | Genetic parameters of differential somatic cell count, milk composition, and cheese-making traits measured and predicted using spectral data in Holstein cows. <i>Journal of Dairy Science</i> , 2021, 104, 10934-10949. | 3.4 | 14 |
| 15 | Animal Welfare and Farmers' Satisfaction in Small-Scale Dairy Farms in the Eastern Alps: A â€™One Welfareâ€™ Approach. <i>Frontiers in Veterinary Science</i> , 2021, 8, 741497. | 2.2 | 3 |
| 16 | Rapid Profiling of the Volatilome of Cooked Meat by PTR-ToF-MS: Characterization of Chicken, Turkey, Pork, Veal and Beef Meat. <i>Foods</i> , 2020, 9, 1776. | 4.3 | 7 |
| 17 | Rapid Profiling of the Volatilome of Cooked Meat by PTR-ToF-MS: Underlying Latent Explanatory Factors. <i>Foods</i> , 2020, 9, 1738. | 4.3 | 5 |
| 18 | A Short Period of Darkness after Mixing of Growing Pigs Intended for PDO Hams Production Reduces Skin Lesions. <i>Animals</i> , 2020, 10, 1729. | 2.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Effect of Feeding Adaptation of Italian Simmental Cows before Summer Grazing on Animal Behavior and Milk Characteristics. <i>Animals</i> , 2020, 10, 829. | 2.3 | 3 |
| 20 | Application of texture analysis of b-mode ultrasound images for the quantification and prediction of intramuscular fat in living beef cattle: A methodological study. <i>Research in Veterinary Science</i> , 2020, 131, 254-258. | 1.9 | 8 |
| 21 | Milk coagulation traits and cheese yields of purebred Holsteins and 4 generations of 3-breed rotational crossbred cows from Viking Red, MontbÃ©liarde, and Holstein bulls. <i>Journal of Dairy Science</i> , 2020, 103, 3349-3362. | 3.4 | 15 |
| 22 | Shift in the cow milk microbiota during alpine pasture as analyzed by culture dependent and high-throughput sequencing techniques. <i>Food Microbiology</i> , 2020, 91, 103504. | 4.2 | 15 |
| 23 | Responses of Pigs of Different Genotypes to a Variation in the Dietary Indispensable Amino Acid Content in Terms of Their Growth and Carcass and Meat Quality Traits. <i>Animals</i> , 2019, 9, 508. | 2.3 | 6 |
| 24 | Effects of Summer Transhumance of Dairy Cows to Alpine Pastures on Body Condition, Milk Yield and Composition, and Cheese Making Efficiency. <i>Animals</i> , 2019, 9, 192. | 2.3 | 13 |
| 25 | A Study on the Effects of Rumen Acidity on Rumination Time and Yield, Composition, and Technological Properties of Milk from Early Lactating Holstein Cows. <i>Animals</i> , 2019, 9, 66. | 2.3 | 6 |
| 26 | Influence of dietary protein content on the chemico-physical profile of dry-cured hams produced by pigs of two breeds. <i>Scientific Reports</i> , 2019, 9, 19068. | 3.3 | 11 |
| 27 | Influence of mild feed restriction and mild reduction in dietary amino acid content on feeding behaviour of group-housed growing pigs. <i>Applied Animal Behaviour Science</i> , 2018, 198, 27-35. | 1.9 | 16 |
| 28 | Genetic variation in serum protein pattern and blood β -hydroxybutyrate and their relationships with udder health traits, protein profile, and cheese-making properties in Holstein cows. <i>Journal of Dairy Science</i> , 2018, 101, 11108-11119. | 3.4 | 23 |
| 29 | The influence of feeding behaviour on growth performance, carcass and meat characteristics of growing pigs. <i>PLoS ONE</i> , 2018, 13, e0205572. | 2.5 | 27 |
| 30 | Effects of feed allowance and indispensable amino acid reduction on feed intake, growth performance and carcass characteristics of growing pigs. <i>PLoS ONE</i> , 2018, 13, e0195645. | 2.5 | 38 |
| 31 | Sources of variation of the environmental impact of cereal-based intensive beef finishing herds. <i>Italian Journal of Animal Science</i> , 2018, 17, 767-776. | 1.9 | 7 |
| 32 | Environmental footprint of the integrated Franceâ€™Italy beef production system assessed through a multi-indicator approach. <i>Agricultural Systems</i> , 2017, 155, 33-42. | 6.1 | 26 |
| 33 | Effect of growth rate on live performance, carcass and green thigh traits of finishing Italian heavy pigs. <i>Italian Journal of Animal Science</i> , 2017, 16, 652-658. | 1.9 | 5 |
| 34 | Effect of progressive reduction in crude protein and lysine of heavy pigs diets on some technological properties of green hams destined for PDO dry-cured ham production. <i>Meat Science</i> , 2016, 121, 135-140. | 5.5 | 7 |
| 35 | Growth performance, carcass traits and meat quality of growing pigs on different feeding regimes slaughtered at 145â€™kg BW. <i>Italian Journal of Animal Science</i> , 2016, 15, 419-427. | 1.9 | 8 |
| 36 | Environmental impact of a cereal-based intensive beef fattening system according to a partial Life Cycle Assessment approach. <i>Livestock Science</i> , 2016, 190, 81-88. | 1.6 | 9 |

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|----|--|-----|-----------|
| 37 | Nitrogen and Energy Partitioning in Two Genetic Groups of Pigs Fed Low-Protein Diets at 130 kg Body Weight. <i>Italian Journal of Animal Science</i> , 2015, 14, 4012. | 1.9 | 9 |
| 38 | Influence of N shortage and conjugated linoleic acid supplementation on some productive, digestive, and metabolic parameters of lactating cows. <i>Animal Feed Science and Technology</i> , 2015, 208, 86-97. | 2.2 | 18 |
| 39 | A Survey on Feedlot Performance of Purebred and Crossbred European Young Bulls and Heifers Managed Under Intensive Conditions in Veneto, Northeast Italy. <i>Italian Journal of Animal Science</i> , 2014, 13, 3285. | 1.9 | 29 |
| 40 | Is the abandonment of traditional livestock farming systems the main driver of mountain landscape change in Alpine areas?. <i>Land Use Policy</i> , 2012, 29, 878-886. | 5.6 | 130 |
| 41 | Livestock systems and farming styles in Eastern Italian Alps: an on-farm survey. <i>Italian Journal of Animal Science</i> , 2009, 8, 541-554. | 1.9 | 37 |
| 42 | Retrospective analysis of dry period length in Italian Holstein cows. <i>Italian Journal of Animal Science</i> , 2008, 7, 65-76. | 1.9 | 8 |
| 43 | Relations between different objective milking speed recording systems. <i>Italian Journal of Animal Science</i> , 2007, 6, 195-203. | 1.9 | 1 |
| 44 | Use of simple body measurements and allometry to predict the chemical growth and feed intake in pigs. <i>Italian Journal of Animal Science</i> , 2007, 6, 27-44. | 1.9 | 5 |
| 45 | Prevalence and genetic parameters for hip dysplasia in Italian population of purebred dogs. <i>Italian Journal of Animal Science</i> , 2006, 5, 107-116. | 1.9 | 6 |
| 46 | Nitrogen excretion in dairy cow, beef and veal cattle, pig, and rabbit farms in Northern Italy. <i>Italian Journal of Animal Science</i> , 2005, 4, 103-111. | 1.9 | 41 |
| 47 | Results from an explorative screening program for elbow dysplasia in some breeds of dogs in Italy. <i>Italian Journal of Animal Science</i> , 2005, 4, 233-240. | 1.9 | 3 |
| 48 | Health disorders and their association with production and functional traits in Holstein Friesian cows. <i>Italian Journal of Animal Science</i> , 2002, 1, 197-210. | 1.9 | 3 |