

# Luigi Gallo

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

659  
citations

687363

13  
h-index

642732

23  
g-index

48  
all docs

48  
docs citations

48  
times ranked

770  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	Genetic variation in serum protein pattern and blood $\beta$ -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
9	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
10	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
11	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
12	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
13	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
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	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	Retrospective analysis of dry period length in Italian Holstein cows. <i>Italian Journal of Animal Science</i> , 2008, 7, 65-76.	1.9	8
24	Growth performance, carcass traits and meat quality of growing pigs on different feeding regimes slaughtered at 145%kg BW. <i>Italian Journal of Animal Science</i> , 2016, 15, 419-427.	1.9	8
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	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
41	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
42	Animal Welfare and Farmers' Satisfaction in Small-Scale Dairy Farms in the Eastern Alps: A "One Welfare" Approach. <i>Frontiers in Veterinary Science</i> , 2021, 8, 741497.	2.2	3
43	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
44	Added Value of Local Sheep Breeds in Alpine Agroecosystems. <i>Sustainability</i> , 2022, 14, 4698.	3.2	3
45	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
46	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
47	Relations between different objective milking speed recording systems. <i>Italian Journal of Animal Science</i> , 2007, 6, 195-203.	1.9	1
48	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