

# Gerardo Caja

## List of Publications by Year in descending order

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115  
papers

2,882  
citations

186209

28  
h-index

223716

46  
g-index

121  
all docs

121  
docs citations

121  
times ranked

2281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Responses to melatonin of 2 breeds of dairy ewes in early lactation under autumn photoperiod conditions. <i>Journal of Dairy Science</i> , 2022, 105, 2587-2596.	1.4	4
2	Heat stress affects some physiological and productive variables and alters metabolism in dairy ewes. <i>Journal of Dairy Science</i> , 2021, 104, 1099-1110.	1.4	20
3	Effect of Soybean Oil Supplementation on Milk Production, Digestibility, and Metabolism in Dairy Goats under Thermoneutral and Heat Stress Conditions. <i>Animals</i> , 2021, 11, 350.	1.0	3
4	Metabolic and behavior responses of lactating goats under heat stress. <i>Small Ruminant Research</i> , 2021, 203, 106496.	0.6	6
5	A novel in vivo 433MHz radio channel indoor study targeting on power saving for ruminal health monitoring boluses. <i>Computers and Electronics in Agriculture</i> , 2021, 190, 106419.	3.7	0
6	Sensing solutions for improving the performance, health and wellbeing of small ruminants. <i>Journal of Dairy Research</i> , 2020, 87, 34-46.	0.7	21
7	The application of omics in ruminant production: a review in the tropical and sub-tropical animal production context. <i>Journal of Proteomics</i> , 2020, 227, 103905.	1.2	23
8	Effects of Cold Exposure on Some Physiological, Productive, and Metabolic Variables in Lactating Dairy Goats. <i>Animals</i> , 2020, 10, 2383.	1.0	8
9	Milk Production and Energetic Metabolism of Heat-Stressed Dairy Goats Supplemented with Propylene Glycol. <i>Animals</i> , 2020, 10, 2449.	1.0	6
10	Milk yield, milk composition, and milk metabolomics of dairy goats intramammary-challenged with lipopolysaccharide under heat stress conditions. <i>Scientific Reports</i> , 2020, 10, 5055.	1.6	19
11	Prenatal heat stress effects on gestation and postnatal behavior in kid goats. <i>PLoS ONE</i> , 2020, 15, e0220221.	1.1	8
12	Suppression of prolactin and reduction of milk secretion by effect of cabergoline in lactating dairy ewes. <i>Journal of Dairy Science</i> , 2020, 103, 12033-12044.	1.4	3
13	Lactational Responses of Heat-Stressed Dairy Goats to Dietary L-Carnitine Supplementation. <i>Animals</i> , 2019, 9, 567.	1.0	12
14	Heat stress modifies the lactational performances and the urinary metabolomic profile related to gastrointestinal microbiota of dairy goats. <i>PLoS ONE</i> , 2019, 14, e0202457.	1.1	34
15	Effects of shearing 2 breeds of dairy ewes during lactation under mild winter conditions. <i>Journal of Dairy Science</i> , 2019, 102, 1712-1724.	1.4	3
16	Influence of management type and stage of lactation on the performance and milk fatty acid profile of dairy camels ( <i>Camelus dromedaries</i> ). <i>Journal of Agricultural Science</i> , 2018, 156, 1111-1122.	0.6	9
17	Effects of chronic heat stress on lactational performance and the transcriptomic profile of blood cells in lactating dairy goats. <i>Journal of Dairy Research</i> , 2018, 85, 423-430.	0.7	24
18	Invited review: Current production trends, farm structures, and economics of the dairy sheep and goat sectors. <i>Journal of Dairy Science</i> , 2018, 101, 6715-6729.	1.4	272

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19	Using long-term averted goats for selective grazing in olive groves. <i>Animal</i> , 2017, 11, 1832-1838.	1.3	0
20	Monitoring and Registering of Rumen Movement in Ruminants. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	0
21	048 Milk composition and synthesis in dairy goats and sheep. <i>Journal of Animal Science</i> , 2016, 94, 22-22.	0.2	0
22	Environmental temperature changes as stress stimulus. , 2016, , .		0
23	Engineering to support wellbeing of dairy animals. <i>Journal of Dairy Research</i> , 2016, 83, 136-147.	0.7	76
24	Comparison of visual and electronic devices for individual identification of dromedary camels under different farming conditions. <i>Journal of Animal Science</i> , 2016, 94, 3561-3571.	0.2	7
25	How to Create Conditioned Taste Aversion for Grazing Ground Covers in Woody Crops with Small Ruminants. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	1
26	A proposal of linear assessment scheme for the udder of dairy camels ( <i>Camelus dromedarius</i> L.). <i>Tropical Animal Health and Production</i> , 2016, 48, 927-933.	0.5	14
27	Effect of milking interval on milk partitioning between udder compartments, milk yield and milk composition in Maghrebi dairy camels. <i>Small Ruminant Research</i> , 2016, 136, 214-220.	0.6	4
28	Evaluating coagulation properties of milk from dairy sheep with subclinical intramammary infection using near infrared light scatter. A preliminary study. <i>Journal of Food Engineering</i> , 2016, 168, 180-190.	2.7	17
29	Kinetics of lithium as a lithium chloride dose suitable for conditioned taste aversion in lactating goats and dry sheep <sup>1</sup> . <i>Journal of Animal Science</i> , 2015, 93, 562-569.	0.2	7
30	Effect of subclinical intramammary infection on milk quality in dairy sheep: II. Matured-pressed cheese (Manchego) produced from milk of uninfected and infected glands and from their blends. <i>Small Ruminant Research</i> , 2015, 126, 59-67.	0.6	26
31	Effect of subclinical intramammary infection on milk quality in dairy sheep: I. Fresh-soft cheese produced from milk of uninfected and infected glands and from their blends. <i>Small Ruminant Research</i> , 2015, 125, 127-136.	0.6	25
32	Using wireless rumen sensors for evaluating the effects of diet and ambient temperature in nonlactating dairy goats. <i>Journal of Dairy Science</i> , 2015, 98, 4646-4658.	1.4	32
33	Fetal programming by co-twin rivalry in sheep <sup>1</sup> . <i>Journal of Animal Science</i> , 2014, 92, 64-71.	0.2	12
34	Implementing electronic identification for performance recording in sheep: II. Cost-benefit analysis in meat and dairy farms. <i>Journal of Dairy Science</i> , 2014, 97, 7515-7524.	1.4	2
35	Implementing electronic identification for performance recording in sheep: I. Manual versus semiautomatic and automatic recording systems in dairy and meat farms. <i>Journal of Dairy Science</i> , 2014, 97, 7505-7514.	1.4	11
36	Thermographic variation of the udder of dairy ewes in early lactation and following an <i>Escherichia coli</i> endotoxin intramammary challenge in late lactation. <i>Journal of Dairy Science</i> , 2014, 97, 1377-1387.	1.4	19

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37	Effect of breed and lithium chloride dose on the conditioned aversion to olive tree leaves ( <i>Olea</i> ) Tj ETQq1 1 0.784314 rgBT /O6lock 10	0.8	6
38	Identifying the major bacteria causing intramammary infections in individual milk samples of sheep and goats using traditional bacteria culturing and real-time polymerase chain reaction. <i>Journal of Dairy Science</i> , 2014, 97, 5393-5400.	1.4	23
39	Cost structure and profitability of Assaf dairy sheep farms in Spain. <i>Journal of Dairy Science</i> , 2014, 97, 5239-5249.	1.4	16
40	Different levels of response to heat stress in dairy goats. <i>Small Ruminant Research</i> , 2014, 121, 73-79.	0.6	122
41	State-of-the-art of electronic identification techniques and applications in goats. <i>Small Ruminant Research</i> , 2014, 121, 42-50.	0.6	13
42	Physiological responses and lactational performances of late-lactation dairy goats under heat stress conditions. <i>Journal of Dairy Science</i> , 2013, 96, 6355-6365.	1.4	131
43	Determining the optimal age for recording the retinal vascular pattern image of lambs1. <i>Journal of Animal Science</i> , 2012, 90, 1040-1046.	0.2	3
44	Effect of malate and starch source on digestibility and nutrient balance of growing-fattening lambs. <i>Animal Feed Science and Technology</i> , 2012, 174, 154-162.	1.1	11
45	A bivariate model for retinal image identification in lambs. <i>Computers and Electronics in Agriculture</i> , 2012, 87, 108-112.	3.7	11
46	Modeling the retention of rumen boluses for the electronic identification of goats. <i>Journal of Dairy Science</i> , 2011, 94, 716-726.	1.4	9
47	Structure and performance of Awassi and Assaf dairy sheep farms in northwestern Spain. <i>Journal of Dairy Science</i> , 2011, 94, 771-784.	1.4	47
48	Retinal image recognition for verifying the identity of fattening and replacement lambs1. <i>Journal of Animal Science</i> , 2011, 89, 2603-2613.	0.2	9
49	THE EFFECT OF FEEDING DATE PALM BY-PRODUCTS ON EWES AND LAMB INTAKE AND PERFORMANCES. <i>Acta Horticulturae</i> , 2010, , 659-663.	0.1	2
50	Conditioned aversion to olive tree leaves ( <i>Olea europaea</i> L.) in goats and sheep. <i>Applied Animal Behaviour Science</i> , 2010, 128, 45-49.	0.8	7
51	<i>In vitro</i> fermentative characteristics of ruminant diets supplemented with fibrolytic enzymes and ranges of optimal endo- $\beta$ -1,4-glucanase activity. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2010, 94, 250-263.	1.0	4
52	Suitability of electronic mini-boluses for the early identification of goat kids and effects on growth performance and development of the reticulorumen12. <i>Journal of Animal Science</i> , 2010, 88, 3464-3469.	0.2	4
53	Accounting for additive genetic mutations on litter size in Ripollesa sheep1. <i>Journal of Animal Science</i> , 2010, 88, 1248-1255.	0.2	7
54	Readability of visual and electronic leg tags versus rumen boluses and electronic ear tags for the permanent identification of dairy goats. <i>Journal of Dairy Science</i> , 2010, 93, 5157-5166.	1.4	13

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55	Analysis of founder-specific inbreeding depression on birth weight in Ripollesa lambs <sup>1</sup> . Journal of Animal Science, 2009, 87, 72-79.	0.2	61
56	Extended field test on the use of visual ear tags and electronic boluses for the identification of different goat breeds in the United States <sup>1</sup> . Journal of Animal Science, 2009, 87, 2419-2427.	0.2	17
57	Effects of milking interval and cisternal udder evaluation in Tunisian Maghrebi dairy dromedaries (Camelus dromedarius L.). Journal of Dairy Science, 2009, 92, 1452-1459.	1.4	36
58	Long-term performance of visual and electronic identification devices in dairy goats. Journal of Dairy Science, 2009, 92, 1500-1511.	1.4	19
59	Long- and short-term effects of omitting two weekend milkings on the lactational performance and mammary tight junction permeability of dairy ewes. Journal of Dairy Science, 2009, 92, 3684-3695.	1.4	16
60	Effects of the frequency of milking and lactation stage on milk fractions and milk composition in Tinerfe <sup>1</sup> dairy goats. Small Ruminant Research, 2008, 75, 252-255.	0.6	11
61	Changes in Alveolar and Cisternal Compartments Induced by Milking Interval in the Udder of Dairy Ewes. Journal of Dairy Science, 2008, 91, 3403-3411.	1.4	25
62	Response to Lactation Induction Differs by Season of Year and Breed of Dairy Ewes. Journal of Dairy Science, 2008, 91, 2299-2306.	1.4	13
63	Feeding Soybean Oil to Dairy Goats Increases Conjugated Linoleic Acid in Milk. Journal of Dairy Science, 2008, 91, 2399-2407.	1.4	72
64	Short Communication: Comparison of Manual Versus Semiautomatic Milk Recording Systems in Dairy Goats. Journal of Dairy Science, 2008, 91, 1438-1442.	1.4	12
65	Effect of Milking Interval on Milk Secretion and Mammary Tight Junction Permeability in Dairy Ewes. Journal of Dairy Science, 2008, 91, 2610-2619.	1.4	42
66	Evaluation of Udder Cisterns and Effects on Milk Yield of Dairy Ewes. Journal of Dairy Science, 2008, 91, 4622-4629.	1.4	42
67	Performance of dairy ewes fed diets with a fibrolytic enzyme product included in the concentrate during the suckling period. Animal, 2008, 2, 962-968.	1.3	11
68	Lactational effects of adding a fibrolytic enzyme complex to the concentrate of lactating dairy goats. Journal of Animal and Feed Sciences, 2008, 17, 344-351.	0.4	3
69	<i>In vivo</i> digestibility and <i>in vitro</i> gas production of diets supplemented with fibrolytic enzymes in dairy goats. Journal of Animal and Feed Sciences, 2008, 17, 530-537.	0.4	1
70	Comparison of visual and electronic identification devices in pigs: Slaughterhouse performance <sup>1,2</sup> . Journal of Animal Science, 2007, 85, 497-502.	0.2	5
71	Genetic determinism for within-litter birth weight variation and its relationship with litter weight and litter size in the Ripollesa ewe breed. Animal, 2007, 1, 637-644.	1.3	10
72	Mammogenesis and Induced Lactation With or Without Reserpine in Nulliparous Dairy Goats. Journal of Dairy Science, 2007, 90, 3751-3757.	1.4	8

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73	Survival analysis from birth to slaughter of Ripollesa lambs under semi-intensive management <sup>1</sup> . Journal of Animal Science, 2007, 85, 512-517.	0.2	33
74	Analysis of litter size and days to lambing in the Ripollesa ewe. II. Estimation of variance components and response to phenotypic selection on litter size <sup>1</sup> . Journal of Animal Science, 2007, 85, 625-631.	0.2	9
75	Association analyses between the prion protein locus and reproductive and lamb weight traits in Ripollesa sheep <sup>1</sup> . Journal of Animal Science, 2007, 85, 592-597.	0.2	24
76	Traceability of extensively produced Iberian pigs using visual and electronic identification devices from farm to slaughter <sup>1</sup> . Journal of Animal Science, 2007, 85, 2746-2752.	0.2	14
77	Analysis of litter size and days to lambing in the Ripollesa ewe. I. Comparison of models with linear and threshold approaches <sup>1</sup> . Journal of Animal Science, 2007, 85, 618-624.	0.2	14
78	Suitability of electronic mini-boluses for early identification of lambs <sup>2</sup> . Journal of Animal Science, 2007, 85, 248-257.	0.2	13
79	Short Communication: Correlations Between Udder Morphology, Milk Yield, and Milking Ability with Different Milking Frequencies in Dairy Goats. Journal of Dairy Science, 2006, 89, 2076-2079.	1.4	28
80	Omitting the Dry-Off Period Negatively Affects Colostrum and Milk Yield in Dairy Goats. Journal of Dairy Science, 2006, 89, 4220-4228.	1.4	44
81	Response of lactating dairy ewes to various levels of dietary calcium soaps of fatty acids. Animal Feed Science and Technology, 2006, 131, 312-332.	1.1	19
82	Evaluation of the retention of electronic identification boluses in the forestomachs of cattle <sup>1,2</sup> . Journal of Animal Science, 2006, 84, 2260-2268.	0.2	13
83	Retention of different sizes of electronic identification boluses in the forestomachs of sheep <sup>1,2</sup> . Journal of Animal Science, 2006, 84, 2865-2872.	0.2	19
84	Lactational evaluation of effects of calcium soap of fatty acids on dairy ewes. Small Ruminant Research, 2006, 66, 1-10.	0.6	24
85	Comparison of visual and electronic identification devices in pigs: On-farm performances <sup>1,2</sup> . Journal of Animal Science, 2006, 84, 2575-2581.	0.2	16
86	Performance and effects of small ruminal boluses for the electronic identification of fattening lambs. Livestock Science, 2005, 92, 47-58.	1.2	17
87	Effect of Pregnancy and Extended Lactation on Milk Production in Dairy Goats Milked Once Daily. Journal of Dairy Science, 2005, 88, 3894-3904.	1.4	39
88	Changes in Cisternal Udder Compartment Induced by Milking Interval in Dairy Goats Milked Once or Twice Daily. Journal of Dairy Science, 2004, 87, 1181-1187.	1.4	50
89	Changes in Cisternal Compartment Based on Stage of Lactation and Time Since Milk Ejection in the Udder of Dairy Cows. Journal of Dairy Science, 2004, 87, 2409-2415.	1.4	39
90	Effect of different milking intervals on the composition of cisternal and alveolar milk in dairy cows. Journal of Dairy Research, 2004, 71, 304-310.	0.7	31

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91	Economic profitability and typology of Ripollesa breed sheep farms in Spain. <i>Small Ruminant Research</i> , 2003, 49, 97-105.	0.6	54
92	Effects of Once Versus Twice Daily Milking Throughout Lactation on Milk Yield and Milk Composition in Dairy Goats. <i>Journal of Dairy Science</i> , 2003, 86, 1673-1680.	1.4	69
93	Effect of Omitting One Milking Weekly on Lactational Performances and Morphological Udder Changes in Dairy Cows. <i>Journal of Dairy Science</i> , 2003, 86, 2352-2358.	1.4	28
94	Use of ultrasonography to estimate cistern size and milk storage at different milking intervals in the udder of dairy cows. <i>Journal of Dairy Research</i> , 2003, 70, 1-7.	0.7	63
95	Effects of dietary supplements of zinc-methionine on milk production, udder health and zinc metabolism in dairy goats. <i>Journal of Dairy Research</i> , 2003, 70, 9-17.	0.7	68
96	Determination of Fat, Protein, Casein, Total Solids, and Somatic Cell Count in Goat's Milk by Near-Infrared Reflectance Spectroscopy. <i>Journal of AOAC INTERNATIONAL</i> , 2003, 86, 746-752.	0.7	26
97	Effects of small ruminal boluses used for electronic identification of lambs on the growth and development of the reticulorumen <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2003, 81, 879-884.	0.2	21
98	Effects of adding a mixture of malate and yeast culture ( <i>Saccharomyces cerevisiae</i> ) on milk production of Murciano-Granadina dairy goats. <i>Animal Research</i> , 2002, 51, 295-303.	0.6	28
99	The use of passive injectable transponders in fattening lambs from birth to slaughter: effects of injection position, age, and breed <sup>2</sup> . <i>Journal of Animal Science</i> , 2002, 80, 919-925.	0.2	25
100	Comparison of voluntary food intake, apparent digestibility, digesta kinetics and digestive tract content in Manchega and Lacaune dairy sheep in late pregnancy and early and mid lactation. <i>Animal Science</i> , 2001, 72, 209-221.	1.3	22
101	Effects of injection position and transponder size on the performances of passive injectable transponders used for the electronic identification of cattle.. <i>Journal of Animal Science</i> , 2000, 78, 3001.	0.2	28
102	Determination of Fat, Protein, and Total Solids in Ovine Milk by Near-Infrared Spectroscopy. <i>Journal of AOAC INTERNATIONAL</i> , 1999, 82, 753-758.	0.7	32
103	Development of a ceramic bolus for the permanent electronic identification of sheep, goat and cattle. <i>Computers and Electronics in Agriculture</i> , 1999, 24, 45-63.	3.7	61
104	Using markers to estimate apparent dry matter digestibility, faecal output and dry matter intake in dairy ewes fed Italian ryegrass hay or alfalfa hay. <i>Small Ruminant Research</i> , 1999, 33, 145-152.	0.6	87
105	Relationships between udder and milking traits in Murciano-Granadina dairy goats. <i>Small Ruminant Research</i> , 1999, 33, 171-179.	0.6	23
106	Effects of calcium soaps and rumen undegradable protein on the milk production and composition of dairy ewes. <i>Journal of Dairy Research</i> , 1999, 66, 177-191.	0.7	40
107	Evaluation of migratory distance of passive transponders injected in different body sites of adult sheep for electronic identification. <i>Livestock Science</i> , 1998, 55, 279-289.	1.2	20
108	Voluntary dry-matter intake and digesta kinetics of twin- or single-bearing Manchega ewes given Italian ryegrass hay or alfalfa hay in late pregnancy. <i>Animal Science</i> , 1998, 67, 559-566.	1.3	4

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109	Influence of Kid Rearing Systems on Milk Composition and Yield of Murciano-Granadina Dairy Goats. <i>Journal of Dairy Science</i> , 1997, 80, 3249-3255.	1.4	32
110	Milkability of Murciano-Granadina dairy goats. Milk partitioning and flow rate during machine milking according to parity, prolificacy and mode of suckling. <i>Journal of Dairy Research</i> , 1996, 63, 1-9.	0.7	28
111	CHARACTERIZATION OF CAROB FRUITS ( <i>Ceratonia siliqua</i> L.), CULTIVATED IN SPAIN FOR AGROINDUSTRIAL USE. <i>Forests, Trees and Livelihoods</i> , 1996, 9, 1-9.	0.2	21
112	Effects of Ruminal Versus Duodenal Dosing of Fish Meal on Ruminal Fermentation and Milk Composition. <i>Journal of Dairy Science</i> , 1995, 78, 1999-2007.	1.4	20
113	Ultrasound mammography in the lactating ewe and its correspondence to anatomical section. <i>Small Ruminant Research</i> , 1994, 13, 199-204.	0.6	33
114	Determination of chemical composition of carob pods by near-infrared reflectance spectroscopy. <i>Journal of the Science of Food and Agriculture</i> , 1993, 63, 309-312.	1.7	8
115	Inhibition of ruminal deamination in vitro by formaldehyde treatment of sunflower-seed, soya bean and fish meals: Response curves to protective treatment. <i>Animal Feed Science and Technology</i> , 1977, 2, 267-275.	1.1	1