

# Cesar Alberto Meza-Herrera

## List of Publications by Citations

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110  
papers

823  
citations

14  
h-index

21  
g-index

118  
ext. papers

995  
ext. citations

2.4  
avg, IF

3.91  
L-index

#	Paper	IF	Citations
110	Dairy goat production systems: status quo, perspectives and challenges. <i>Tropical Animal Health and Production</i> , <b>2013</b> , 45, 17-34	1.7	64
109	Effects of seasonal ambient heat stress (spring vs. summer) on physiological and metabolic variables in hair sheep located in an arid region. <i>International Journal of Biometeorology</i> , <b>2016</b> , 60, 1279-86	3.7	35
108	Body condition and protein supplementation positively affect periovulatory ovarian activity by non LH-mediated pathways in goats. <i>Animal Reproduction Science</i> , <b>2008</b> , 106, 412-20	2.1	33
107	Effect of parity and progesterone priming on induction of reproductive function in Saanen goats by buck exposure. <i>Livestock Science</i> , <b>2009</b> , 125, 261-265	1.7	25
106	Influence of sexually inactive bucks subjected to long photoperiod or testosterone on the induction of estrus in anovulatory goats. <i>Tropical Animal Health and Production</i> , <b>2012</b> , 44, 71-5	1.7	21
105	Effects of body condition and protein supplementation on LH secretion and luteal function in sheep. <i>Reproduction in Domestic Animals</i> , <b>2007</b> , 42, 461-5	1.6	21
104	Effect of lactation number, year, and season of initiation of lactation on milk yield of cows hormonally induced into lactation and treated with recombinant bovine somatotropin. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 4524-30	4	20
103	The kiss-1-kisspeptin-gpr54 complex: a critical modulator of GnRH neurons during pubertal activation. <i>Journal of Applied Biomedicine</i> , <b>2010</b> , 8, 1-9	0.6	19
102	Reproductive outcomes of Alpine goats primed with progesterone and treated with human chorionic gonadotropin during the anestrus-to-estrus transition season. <i>Animal Reproduction Science</i> , <b>2016</b> , 167, 133-8	2.1	18
101	Effects of free ferulic acid on productive performance, blood metabolites, and carcass characteristics of feedlot finishing ewe lambs. <i>Journal of Animal Science</i> , <b>2014</b> , 92, 5762-8	0.7	18
100	Short-term intake of beta-carotene-supplemented diets enhances ovarian function and progesterone synthesis in goats. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2009</b> , 93, 710-5	2.6	17
99	Relative roles of photoperiodic and nutritional cues in modulating ovarian activity in goats. <i>Reproductive Biology</i> , <b>2009</b> , 9, 283-94	2.3	17
98	Risk factors associated with dairy goats stayability. <i>Livestock Science</i> , <b>2004</b> , 89, 139-146		17
97	Glutamate supply positively affects serum release of triiodothyronine and insulin across time without increases of glucose during the onset of puberty in female goats. <i>Animal Reproduction Science</i> , <b>2011</b> , 125, 74-80	2.1	14
96	Neuroendocrine, Metabolic and Genomic Cues Signalling the Onset of Puberty in Females. <i>Reproduction in Domestic Animals</i> , <b>2010</b> , 45, e495-e502	1.6	14
95	Influence of season and environment on fertility of goats in a hot-arid environment. <i>Journal of Agricultural Science</i> , <b>2002</b> , 138, 97-102	1	14
94	Influence of nutritional and socio-sexual cues upon reproductive efficiency of goats exposed to the male effect under extensive conditions. <i>Animal Production Science</i> , <b>2010</b> , 50, 897	1.4	13

93	Circannual Identification and Quantification of Constitutive Heat Shock Proteins (HSP 70) in Goats. <i>Journal of Applied Animal Research</i> , <b>2006</b> , 29, 9-12	1.7	13
92	Effect of breed and some environmental factors on body weights till weaning and litter size in five goat breeds in Mexico. <i>Small Ruminant Research</i> , <b>2014</b> , 121, 215-219	1.7	12
91	Nutritional and metabolic modulation of the male effect on the resumption of ovulatory activity in goats. <i>Animal Production Science</i> , <b>2011</b> , 51, 115	1.4	12
90	The effect of flushing and stimulus of estrogenized does on reproductive performance of anovulatory-range goats. <i>Tropical Animal Health and Production</i> , <b>2011</b> , 43, 1595-600	1.7	12
89	High periconceptional protein intake modifies uterine and embryonic relationships increasing early pregnancy losses and embryo growth retardation in sheep. <i>Reproduction in Domestic Animals</i> , <b>2010</b> , 45, 723-8	1.6	12
88	Diet composition, intake, plasma metabolites, reproductive and metabolic hormones during pregnancy in goats under semi-arid grazing conditions. <i>Journal of Agricultural Science</i> , <b>2004</b> , 142, 697-704	1.4	12
87	To beef or not to beef: Unveiling the economic environmental impact generated by the intensive beef cattle industry in an arid region. <i>Journal of Cleaner Production</i> , <b>2019</b> , 231, 1027-1035	10.3	11
86	Use of molecular markers and major genes in the genetic improvement of livestock. <i>Electronic Journal of Biotechnology</i> , <b>1998</b> , 1, 83-89	3.1	11
85	Effects of summer heat stress on physiological variables, ovulation and progesterone secretion in Pelibuey ewes under natural outdoor conditions in an arid region. <i>Animal Science Journal</i> , <b>2016</b> , 87, 354-60	1.8	11
84	Heat stress, divergent nutrition level, and late pregnancy in hair sheep: effects upon cotyledon development and litter weight at birth. <i>Tropical Animal Health and Production</i> , <b>2015</b> , 47, 819-24	1.7	10
83	Vitamin E supplementation of undernourished ewes pre- and post-lambing reduces weight loss of ewes and increases weight of lambs. <i>Tropical Animal Health and Production</i> , <b>2016</b> , 48, 613-8	1.7	10
82	Reproductive outcomes of anestrus goats supplemented with spineless <i>Opuntia megacantha</i> Salm-Dyck protein-enriched cladodes and exposed to the male effect. <i>Tropical Animal Health and Production</i> , <b>2017</b> , 49, 1511-1516	1.7	10
81	Relationship between litter birthweight and litter size in five goat genotypes. <i>Animal Production Science</i> , <b>2011</b> , 51, 144	1.4	10
80	Long-term betacarotene-supplementation enhances serum insulin concentrations without effect on the onset of puberty in the female goat. <i>Reproductive Biology</i> , <b>2011</b> , 11, 236-49	2.3	9
79	Prediction of rectal temperature using non-invasive physiologic variable measurements in hair pregnant ewes subjected to natural conditions of heat stress. <i>Journal of Thermal Biology</i> , <b>2016</b> , 55, 1-6	2.9	9
78	Physicochemical characterization of goat milk produced in the Comarca Lagunera, Mexico. <i>Animal Science Journal</i> , <b>2019</b> , 90, 563-573	1.8	8
77	Influence of sexual behavior of Dorper rams treated with glutamate and/or testosterone on reproductive performance of anovulatory ewes. <i>Theriogenology</i> , <b>2018</b> , 106, 79-86	2.8	8
76	Estrus induction in anestrus mixed-breed goats using the "female-to-female effect". <i>Tropical Animal Health and Production</i> , <b>2013</b> , 45, 911-5	1.7	8

75	Thermoregulation of nutrient-restricted hair ewes subjected to heat stress during late pregnancy. <i>Journal of Thermal Biology</i> , <b>2013</b> , 38, 1-9	2.9	8
74	A note on the effect of air temperature during gestation on birth weight and neonatal mortality of kids. <i>Journal of Agricultural Science</i> , <b>2000</b> , 135, 91-94	1	8
73	Thermoregulatory response to outdoor heat stress of hair sheep females at different physiological state. <i>International Journal of Biometeorology</i> , <b>2018</b> , 62, 2151-2160	3.7	8
72	Not all ruminants were created equal: Environmental and socio-economic sustainability of goats under a marginal-extensive production system. <i>Journal of Cleaner Production</i> , <b>2020</b> , 255, 120237	10.3	7
71	Effect of nutritional supplementation upon pregnancy rates of goats under semiarid rangelands and exposed to the male effect. <i>Tropical Animal Health and Production</i> , <b>2012</b> , 44, 1473-7	1.7	7
70	Response of sexually inactive French Alpine bucks to the stimulus of goats in oestrus. <i>Livestock Science</i> , <b>2011</b> , 141, 202-206	1.7	7
69	Circannual Fluctuations in Serum Cortisol and Glucose Concentrations and Hair Coat Growth in Goats. <i>Journal of Applied Animal Research</i> , <b>2007</b> , 31, 79-82	1.7	7
68	Reproductive performance of seasonally anovular mixed-bred dairy goats induced to ovulate with a combination of progesterone and eCG or estradiol. <i>Animal Science Journal</i> , <b>2016</b> , 87, 750-5	1.8	7
67	Use of injectable progesterone and hCG for fixed-time artificial insemination during the non-breeding season in goats. <i>Theriogenology</i> , <b>2019</b> , 127, 21-25	2.8	7
66	Free ferulic acid supplementation of heat-stressed hair ewe lambs: Oxidative status, feedlot performance, carcass traits and meat quality. <i>Meat Science</i> , <b>2021</b> , 173, 108395	6.4	7
65	The Opuntia effect upon the out-of-season embryo implantation rate in goats: Corpus luteal number, corpus luteal diameter and serum progesterone concentrations. <i>Livestock Science</i> , <b>2019</b> , 228, 201-206	1.7	6
64	Economic evaluation of the environmental impact of a dairy cattle intensive production cluster under arid lands conditions. <i>Animal</i> , <b>2019</b> , 13, 2379-2387	3.1	6
63	Long-term betacarotene supplementation positively affects serum triiodothyronine concentrations around puberty onset in female goats. <i>Small Ruminant Research</i> , <b>2014</b> , 116, 176-182	1.7	6
62	Appetitive and Consummatory Sexual Behaviors of Rams Treated with Exogenous Testosterone and Exposed to Anestrus Dorper Ewes: Efficacy of the Male Effect. <i>Archives of Sexual Behavior</i> , <b>2017</b> , 46, 835-842	3.5	6
61	Short-term Betacarotene Supplementation Positively Affects Ovarian Follicular Development and Ovulation Rate in Goats. <i>Journal of Applied Animal Research</i> , <b>2007</b> , 32, 177-180	1.7	6
60	Pregnancy and Litter Size, But Not Lamb Sex, Affect Feed Intake and Wool Production by Merino-Type Ewes. <i>Animals</i> , <b>2019</b> , 9,	3.1	5
59	Estimates of genetic parameters and heterosis for birth weight, one-month weight and litter size at birth in five goat breeds. <i>Small Ruminant Research</i> , <b>2019</b> , 174, 19-25	1.7	5
58	Seminal characteristics, libido and serum testosterone concentrations in mixed-breed goat bucks receiving testosterone during the non-breeding period. <i>Journal of Applied Animal Research</i> , <b>2015</b> , 43, 457-461	1.7	5

57	Effect of two routes of administration of human chorionic gonadotropin upon oestrus induction and reproductive outcomes in adult acyclic mix-breed goats. <i>Journal of Applied Animal Research</i> , <b>2018</b> , 46, 190-194	1.7	5
56	The and the Reactivation of Ovarian Function and Blood Metabolite Concentrations of Anestrous Goats Exposed to Active Males. <i>Animals</i> , <b>2019</b> , 9,	3.1	5
55	Glutamate supply positively affects serum cholesterol concentrations without increases in total protein and urea around the onset of puberty in goats. <i>Animal Reproduction Science</i> , <b>2014</b> , 147, 106-11	2.1	5
54	Beta-carotene supplementation positively affects selected blood metabolites across time around the onset of puberty in goats. <i>Czech Journal of Animal Science</i> , <b>2017</b> , 62, 22-31	1.1	5
53	The Expression of Birth Weight is Modulated by the Breeding Season in a Goat Model. <i>Annals of Animal Science</i> , <b>2012</b> , 12, 237-245	2	5
52	Interactions between metabolic status, pre-breeding protein supplementation, uterine pH, and embryonic mortality in ewes: preliminary observations. <i>Tropical Animal Health and Production</i> , <b>2006</b> , 38, 407-13	1.7	5
51	Short-term beta-carotene-supplementation positively affects ovarian activity and serum insulin concentrations in a goat model. <i>Journal of Endocrinological Investigation</i> , <b>2013</b> , 36, 185-9	5.2	5
50	Relationships of body surface thermography with core temperature, birth weight and climatic variables in neonatal lambs born during early spring in an arid region. <i>Journal of Thermal Biology</i> , <b>2019</b> , 82, 142-149	2.9	4
49	Glutamate Supply Reactivates Ovarian Function while Increases Serum Insulin and Triiodothyronine Concentrations in Criollo x Saanen-Alpine Yearlings' Goats during the Anestrous Season. <i>Animals</i> , <b>2020</b> , 10,	3.1	4
48	Precision Betacarotene Supplementation Enhanced Ovarian Function and the LH Release Pattern in Yearling Crossbred Anestrous Goats. <i>Animals</i> , <b>2020</b> , 10,	3.1	4
47	Betacarotene supplementation increases ovulation rate without an increment in LH secretion in cyclic goats. <i>Reproductive Biology</i> , <b>2013</b> , 13, 51-7	2.3	4
46	Effects of supplementation during late gestation on goat performance and behavior under rangeland conditions. <i>Journal of Animal Science</i> , <b>2015</b> , 93, 4153-60	0.7	4
45	Conception rate of artificially inseminated Holstein cows affected by cloudy vaginal mucus, under intense heat conditions. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2015</b> , 50, 492-498	1.8	4
44	Effects of vitamin E supply during late gestation and early lactation upon colostrum composition, milk production and quality in nutritional restricted ewes. <i>Small Ruminant Research</i> , <b>2015</b> , 133, 77-81	1.7	4
43	General Microbiota of the Soft Tick Parasitizing the Bolson Tortoise () in the Mapimi Biosphere Reserve, Mexico. <i>Biology</i> , <b>2020</b> , 9,	4.9	4
42	Undernutrition pre- and post-mating affects serum levels of glucose, cholesterol and progesterone, but not the reproductive efficiency of crossbred hair ewes synchronized for estrus. <i>Livestock Science</i> , <b>2017</b> , 205, 64-69	1.7	3
41	Effect of different male-to-female ratios and testosterone administration upon the male sexual behavior and the out-of-season reproductive response of anestrous goats. <i>Small Ruminant Research</i> , <b>2015</b> , 133, 21-29	1.7	3
40	Intake of Spineless Cladodes of During Late Pregnancy Improves Progeny Performance in Underfed Sheep. <i>Animals</i> , <b>2020</b> , 10,	3.1	3

39	The key role of targeted betacarotene supplementation on endocrine and reproductive outcomes in goats: Follicular development, ovulation rate and the GH-IGF-1 axis. <i>Small Ruminant Research</i> , <b>2018</b> , 163, 29-33	1.7	3
38	Effects of soybean oil inclusion in the pre-lambing diet on udder size, colostrum secretion, and offspring thermoregulation and growth in hair-breed ewes. <i>Livestock Science</i> , <b>2017</b> , 204, 7-15	1.7	3
37	Reproductive efficiency of Pelibuey and Romanov ewes; Pelibuey ewes synchronized with synthetic progesterone and low doses of PMSG under a hot environment. <i>Czech Journal of Animal Science</i> , <b>2013</b> , 58, 546-553	1.1	3
36	Effects of a Long Daily Photoperiod on Milk Yield and Ovarian Activity of Saanen Goats in Northern Mexico. <i>Journal of Applied Animal Research</i> , <b>2009</b> , 36, 287-290	1.7	3
35	Comportamiento productivo, consumo de nutrientes y productividad al parto de ovejas de pelo suplementadas con energía en el parto durante verano e invierno. <i>Archivos De Medicina Veterinaria</i> , <b>2015</b> , 47, 301-309		3
34	EVALUACIÓN PARTICIPATIVA DE TECNOLOGÍAS EN CAPRINOS EN EL SEMIÁRIDO DEL NORTE CENTRO DE MÉXICO. <i>Revista Chapingo, Serie Ciencias Forestales Y Del Ambiente</i> , <b>2011</b> , XVII, 225-234		3
33	Effect of Social Rank upon Estrus Induction and Some Reproductive Outcomes in Anestrus Goats Treated With Progesterone + eCG. <i>Animals</i> , <b>2020</b> , 10,	3.1	3
32	Exposure of sexually inactive males to estrogenized females increased the investigative and consummatory sexual behavior. <i>Animal Reproduction Science</i> , <b>2016</b> , 173, 97-103	2.1	3
31	Tillandsia recurvata and its chemical value as an alternative use for feeding ruminants in northern Mexico. <i>Journal of Applied Animal Research</i> , <b>2018</b> , 46, 295-300	1.7	3
30	Ovarian response is not affected by the stage of seasonal anestrus or breed of goats when using a progesterone injection plus human chorionic gonadotropin-based protocol. <i>Animal Reproduction Science</i> , <b>2019</b> , 204, 60-65	2.1	2
29	Use of Propylene-Glycol as a Cosolvent for GnRH in Synchronization of Estrus and Ovulation in Sheep. <i>Animals</i> , <b>2020</b> , 10,	3.1	2
28	The Effect Improves Dam-Kid Metabolic Markers, Augments Colostrum Quality and Enhances Kid-To-Dam Behavioral Interactions in Crossbred Goats and their Offspring under Semiarid-Rangeland Conditions. <i>Animals</i> , <b>2020</b> , 10,	3.1	2
27	Short-term glutamate administration positively affects the number of antral follicles and the ovulation rate in cyclic adult goats. <i>Reproductive Biology</i> , <b>2014</b> , 14, 298-301	2.3	2
26	Maternal undernutrition during the pre- and post-conception periods in twin-bearing hair sheep ewes: effects on fetal and placental development at mid-gestation. <i>Tropical Animal Health and Production</i> , <b>2017</b> , 49, 1393-1400	1.7	2
25	The male effect stimulus positively increased the ovarian and reproductive seasonality in Criollo goats irrespective of a controlled photoperiodic regime. <i>Journal of Applied Animal Research</i> , <b>2011</b> , 39, 205-211	1.7	2
24	The use of melatonin and progestagen-eCG to initiate reproductive activity in prepuberal Awassi ewe lambs. <i>Tropical Animal Health and Production</i> , <b>2011</b> , 43, 1345-50	1.7	2
23	HACIA UN ENFOQUE DE INVESTIGACIÓN PARTICIPATIVA PARA MEJORAR LOS SISTEMAS DE PRODUCCIÓN DE CAPRINOS EN REGIONES SEMIÁRIDAS DE MÉXICO: UNA CARACTERIZACIÓN SOCIOECONÓMICA Y ECOLÓGICA. <i>Revista Chapingo, Serie Ciencias Forestales Y Del Ambiente</i> , <b>2011</b> , XVII, 131-146		2
22	Milk Yield and Composition of Mixed-Breed Goats on Rangeland during the Dry Season and the Effect on the Growth of Their Progeny. <i>Biology</i> , <b>2021</b> , 10,	4.9	2



21	Growth performance and changes in physiological, metabolic and hematological parameters due to outdoor heat stress in hair breed male lambs finished in feedlot. <i>International Journal of Biometeorology</i> , <b>2021</b> , 65, 1451-1459	3.7	2
20	Diet selected by goats on xerophytic shrubland with different milk yield potential. <i>Journal of Arid Environments</i> , <b>2021</b> , 186, 104429	2.5	2
19	Effects of pre-lambing maternal energy supplementation on post-weaning productive performance and thermoregulatory capacity of heat-stressed male lambs. <i>Journal of Thermal Biology</i> , <b>2018</b> , 75, 7-12	2.9	2
18	Ferulic acid in animal feeding: Mechanisms of action, productive benefits, and future perspectives in meat production. <i>Food Bioscience</i> , <b>2021</b> , 43, 101247	4.9	2
17	Effect of glutamate and/or testosterone administration on appetitive and consummatory sexual behaviors in pubertal rams and their influence on the reproductive performance of nulliparous anovulatory ewes. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , <b>2019</b> , 30, 96-102	1.9	1
16	Does Size Matters? Relationships among Social Dominance and Some Morphometric Traits upon Out-of-Season Reproductive Outcomes in Anestrus Dairy Goats Treated with P4 + eCG. <i>Biology</i> , <b>2020</b> , 9,	4.9	1
15	Seasonal diet composition and forage selectivity of Boer goats in a semi-arid gypsophilous grassland. <i>African Journal of Range and Forage Science</i> , <b>2017</b> , 34, 191-199	1.5	1
14	The male effect stimulus positively influences luteinising hormone secretion in ovariectomised Criollo goats irrespective of a controlled photoperiodic regime. <i>Journal of Applied Animal Research</i> , <b>2011</b> , 39, 196-204	1.7	1
13	Periconceptional nutrition with spineless cactus ( <i>Opuntia ficus-indica</i> ) improves metabolomic profiles and pregnancy outcomes in sheep. <i>Scientific Reports</i> , <b>2021</b> , 11, 7214	4.9	1
12	Luteogenesis and Embryo Implantation Are Enhanced by Exogenous hCG in Goats Subjected to an Out-of-Season Fixed-Time Artificial Insemination Protocol. <i>Biology</i> , <b>2021</b> , 10,	4.9	1
11	Unveiling the Fecal Microbiota in Two Captive Mexican Wolf Populations Receiving Different Type of Diets. <i>Biology</i> , <b>2021</b> , 10,	4.9	1
10	The use of female estrogenized goats as sexual stimulator of crossbred dairy males subsequently exposed to acyclic goats during two phases of the anestrus season. <i>Theriogenology</i> , <b>2018</b> , 119, 175-182 <sup>2.8</sup>		0
9	Effect of Dorper Rams Social-Sexual Hierarchy on Their Sexual Behavior and Capacity to Induce Estrus in Ewes. <i>Agriculture (Switzerland)</i> , <b>2022</b> , 12, 391	3	0
8	Small ruminants and sustainability in Latin America & the Caribbean: Regionalization, main production systems, and a combined productive, socio-economic & ecological footprint quantification. <i>Small Ruminant Research</i> , <b>2022</b> , 211, 106676	1.7	0
7	Heat Stress Characterization in a Dairy Cattle Intensive Production Cluster under Arid Land Conditions: An Annual, Seasonal, Daily, and Minute-To-Minute, Big Data Approach. <i>Agriculture (Switzerland)</i> , <b>2022</b> , 12, 760	3	0
6	Reproductive Performance of Merino Rambouillet Prepubertal Ewes Under Highland Sub-Tropical Conditions II. Male Stimulation of Seasonal Anestrus. <i>Journal of Applied Animal Research</i> , <b>2005</b> , 27, 25-28 <sup>1.7</sup>		
5	Reproductive Performance of Merino-Rambouillet Prepubertal Ewes under Highland Sub-Tropical Conditions I. Timing of he Breeding and Anestrus Seasons. <i>Journal of Applied Animal Research</i> , <b>2005</b> , 27, 21-24	1.7	
4	n-6 Polyunsaturated fatty acids in the feeding of late gestation hair ewes: the effects on thermoregulation, growth, and metabolism of heat-stressed growing lambs. <i>International Journal of Biometeorology</i> , <b>2021</b> , 65, 2077-2086	3.7	

- 3 Goat production and sustainability in Latin America & the Caribbean: A combined productive, socio-economic & ecological footprint approach. *Small Ruminant Research*, **2022**, 211, 106677 1.7
- 2 Sheep production and sustainability in Latin America & the Caribbean: A combined productive, socio-economic & ecological footprint approach. *Small Ruminant Research*, **2022**, 211, 106675 1.7
- 1 Interactions between Social Hierarchy and Some Udder Morphometric Traits upon Colostrum and Milk Physicochemical Characteristics in Crossbred Dairy Goats. *Agriculture (Switzerland)*, **2022**, 12, 734 3