Cesar Alberto Meza-Herrera

List of Publications by Year
in descending order

118 papers	1,192 citations	516561 16 h-index	580701 25 g-index
118 all docs	118 docs citations	118 times ranked	928 citing authors

#	Article	IF	Citations
1	Dairy goat production systems. Tropical Animal Health and Production, 2012, 45, 17-34.	0.5	87
2	Effects of seasonal ambient heat stress (spring vs. summer) on physiological and metabolic variables in hair sheep located in an arid region. International Journal of Biometeorology, 2016, 60, 1279-1286.	1.3	45
3	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. Journal of Dairy Science, 2011, 94, 4524-4530.	1.4	42
4	Body condition and protein supplementation positively affect periovulatory ovarian activity by non LH-mediated pathways in goats. Animal Reproduction Science, 2008, 106, 412-420.	0.5	37
5	Effect of parity and progesterone priming on induction of reproductive function in Saanen goats by buck exposure. Livestock Science, 2009, 125, 261-265.	0.6	27
6	Effects of Body Condition and Protein Supplementation on LH Secretion and Luteal Function in Sheep. Reproduction in Domestic Animals, 2007, 42, 461-465.	0.6	25
7	Influence of sexually inactive bucks subjected to long photoperiod or testosterone on the induction of estrus in anovulatory goats. Tropical Animal Health and Production, 2012, 44, 71-75.	0.5	25
8	Effects of free ferulic acid on productive performance, blood metabolites, and carcass characteristics of feedlot finishing ewe lambs. Journal of Animal Science, 2014, 92, 5762-5768.	0.2	25
9	Neuroendocrine, Metabolic and Genomic Cues Signalling the Onset of Puberty in Females. Reproduction in Domestic Animals, 2010, 45, e495.	0.6	23
10	Reproductive outcomes of Alpine goats primed with progesterone and treated with human chorionic gonadotropin during the anestrus-to-estrus transition season. Animal Reproduction Science, 2016, 167, 133-138.	0.5	22
11	Use of molecular markers and major genes in the genetic improvement of livestock. Electronic Journal of Biotechnology, 1998, 1, 83-89.	1.2	22
12	Risk factors associated with dairy goats stayability. Livestock Science, 2004, 89, 139-146.	1.2	21
13	Shortâ€term intake of Î²â€caroteneâ€supplemented diets enhances ovarian function and progesterone synthesis in goats. Journal of Animal Physiology and Animal Nutrition, 2009, 93, 710-715.	1.0	21
14	The kiss-1-kisspeptin-gpr54 complex: a critical modulator of GnRH neurons during pubertal activation. Journal of Applied Biomedicine, 2010, 8, 1-9.	0.6	20
15	Relative roles of photoperiodic and nutritional cues in modulating ovarian activity in goats. Reproductive Biology, 2009, 9, 283-294.	0.9	17
16	Glutamate supply positively affects serum release of triiodothyronine and insulin across time without increases of glucose during the onset of puberty in female goats. Animal Reproduction Science, 2011, 125, 74-80.	0.5	17
17	To beef or not to beef: Unveiling the economic environmental impact generated by the intensive beef cattle industry in an arid region. Journal of Cleaner Production, 2019, 231, 1027-1035.	4.6	17
18	Influence of season and environment on fertility of goats in a hot-arid environment. Journal of Agricultural Science, 2002, 138, 97-102.	0.6	16

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19	Circannual Identification and Quantification of Constitutive Heat Shock Proteins (HSP 70) in Goats. Journal of Applied Animal Research, 2006, 29, 9-12.	0.4	15
20	Influence of nutritional and socio-sexual cues upon reproductive efficiency of goats exposed to the male effect under extensive conditions. Animal Production Science, 2010, 50, 897.	0.6	15
21	Nutritional and metabolic modulation of the male effect on the resumption of ovulatory activity in goats. Animal Production Science, 2011, 51, 115.	0.6	15
22	The effect of flushing and stimulus of estrogenized does on reproductive performance of anovulatory-range goats. Tropical Animal Health and Production, 2011, 43, 1595-1600.	0.5	15
23	Effect of breed and some environmental factors on body weights till weaning and litter size in five goat breeds in Mexico. Small Ruminant Research, 2014, 121, 215-219.	0.6	15
24	Prediction of rectal temperature using non-invasive physiologic variable measurements in hair pregnant ewes subjected to natural conditions of heat stress. Journal of Thermal Biology, 2016, 55, 1-6.	1.1	15
25	Free ferulic acid supplementation of heat-stressed hair ewe lambs: Oxidative status, feedlot performance, carcass traits and meat quality. Meat Science, 2021, 173, 108395.	2.7	15
26	Diet composition, intake, plasma metabolites, reproductive and metabolic hormones during pregnancy in goats under semi-arid grazing conditions. Journal of Agricultural Science, 2004, 142, 697-704.	0.6	13
27	High Periconceptional Protein Intake Modifies Uterine and Embryonic Relationships Increasing Early Pregnancy Losses and Embryo Growth Retardation in Sheep. Reproduction in Domestic Animals, 2009, 45, 723-8.	0.6	13
28	Heat stress, divergent nutrition level, and late pregnancy in hair sheep: effects upon cotyledon development and litter weight at birth. Tropical Animal Health and Production, 2015, 47, 819-824.	0.5	13
29	Vitamin E supplementation of undernourished ewes pre- and post-lambing reduces weight loss of ewes and increases weight of lambs. Tropical Animal Health and Production, 2016, 48, 613-618.	0.5	13
30	Relationships of body surface thermography with core temperature, birth weight and climatic variables in neonatal lambs born during early spring in an arid region. Journal of Thermal Biology, 2019, 82, 142-149.	1.1	13
31	General Microbiota of the Soft Tick Ornithodoros turicata Parasitizing the Bolson Tortoise (Gopherus flavomarginatus) in the Mapimi Biosphere Reserve, Mexico. Biology, 2020, 9, 275.	1.3	13
32	Relationship between litter birthweight and litter size in five goat genotypes. Animal Production Science, 2011, 51, 144.	0.6	12
33	Thermoregulation of nutrient-restricted hair ewes subjected to heat stress during late pregnancy. Journal of Thermal Biology, 2013, 38, 1-9.	1.1	12
34	Effects of summer heat stress on physiological variables, ovulation and progesterone secretion in Pelibuey ewes under natural outdoor conditions in an arid region. Animal Science Journal, 2016, 87, 354-360.	0.6	12
35	Influence of sexual behavior of Dorper rams treated with glutamate and/or testosterone on reproductive performance of anovulatory ewes. Theriogenology, 2018, 106, 79-86.	0.9	12
36	Not all ruminants were created equal: Environmental and socio-economic sustainability of goats under a marginal-extensive production system. Journal of Cleaner Production, 2020, 255, 120237.	4.6	12

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37	Growth performance and changes in physiological, metabolic and hematological parameters due to outdoor heat stress in hair breed male lambs finished in feedlot. International Journal of Biometeorology, 2021, 65, 1451-1459.	1.3	12
38	A note on the effect of air temperature during gestation on birth weight and neonatal mortality of kids. Journal of Agricultural Science, 2000, 135, 91-94.	0.6	11
39	Effect of nutritional supplementation upon pregnancy rates of goats under semiarid rangelands and exposed to the male effect. Tropical Animal Health and Production, 2012, 44, 1473-1477.	0.5	11
40	Estrus induction in anestrous mixed-breed goats using the â€œfemale-to-female effectâ€• Tropical Animal Health and Production, 2013, 45, 911-915.	0.5	11
41	Reproductive outcomes of anestrous goats supplemented with spineless Opuntia megacantha Salm-Dyck protein-enriched cladodes and exposed to the male effect. Tropical Animal Health and Production, 2017, 49, 1511-1516.	0.5	11
42	Thermoregulatory response to outdoor heat stress of hair sheep females at different physiological state. International Journal of Biometeorology, 2018, 62, 2151-2160.	1.3	11
43	Physicochemical characterization of goat milk produced in the Comarca Lagunera, Mexico. Animal Science Journal, 2019, 90, 563-573.	0.6	11
44	Pregnancy and Litter Size, But Not Lamb Sex, Affect Feed Intake and Wool Production by Merino-Type Ewes. Animals, 2019, 9, 214.	1.0	10
45	Economic evaluation of the environmental impact of a dairy cattle intensive production cluster under arid lands conditions. Animal, 2019, 13, 2379-2387.	1.3	10
46	Diet selected by goats on xerophytic shrubland with different milk yield potential. Journal of Arid Environments, 2021, 186, 104429.	1.2	10
47	Ferulic acid in animal feeding: Mechanisms of action, productive benefits, and future perspectives in meat production. Food Bioscience, 2021, 43, 101247.	2.0	10
48	Short-term Betacarotene Supplementation Positively Affects Ovarian Follicular Development and Ovulation Rate in Goats. Journal of Applied Animal Research, 2007, 32, 177-180.	0.4	9
49	Long-term betacarotene-supplementation enhances serum insulin concentrations without effect on the onset of puberty in the female goat. Reproductive Biology, 2011, 11, 236-249.	0.9	9
50	Response of sexually inactive French Alpine bucks to the stimulus of goats in oestrus. Livestock Science, 2011, 141, 202-206.	0.6	9
51	Reproductive performance of seasonally anovular mixed-bred dairy goats induced to ovulate with a combination of progesterone and eCG or estradiol. Animal Science Journal, 2016, 87, 750-755.	0.6	9
52	Appetitive and Consummatory Sexual Behaviors of Rams Treated with Exogenous Testosterone and Exposed to Anestrus Dorper Ewes: Efficacy of the Male Effect. Archives of Sexual Behavior, 2017, 46, 835-842.	1.2	9
53	Glutamate Supply Reactivates Ovarian Function while Increases Serum Insulin and Triiodothyronine Concentrations in Criollo x Saanen-Alpine Yearlingsâ€™ Goats during the Anestrous Season. Animals, 2020, 10, 234.	1.0	9
54	Reproductive efficiency of Pelibuey and Romanov Ã— Pelibuey ewes synchronized with synthetic progesterone and low doses of PMSG under a hot environment. Czech Journal of Animal Science, 2013, 58, 546-553.	0.5	8

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55	Glutamate supply positively affects serum cholesterol concentrations without increases in total protein and urea around the onset of puberty in goats. Animal Reproduction Science, 2014, 147, 106-111.	0.5	8
56	Effects of vitamin E supply during late gestation and early lactation upon colostrum composition, milk production and quality in nutritional restricted ewes. Small Ruminant Research, 2015, 133, 77-81.	0.6	8
57	Seminal characteristics, libido and serum testosterone concentrations in mixed-breed goat bucks receiving testosterone during the non-breeding period. Journal of Applied Animal Research, 2015, 43, 457-461.	0.4	8
58	The Opuntia effect upon the out-of-season embryo implantation rate in goats: Corpus luteal number, corpus luteal diameter and serum progesterone concentrations. Livestock Science, 2019, 228, 201-206.	0.6	8
59	Estimates of genetic parameters and heterosis for birth weight, one-month weight and litter size at birth in five goat breeds. Small Ruminant Research, 2019, 174, 19-25.	0.6	8
60	Use of injectable progesterone and hCG for fixed-time artificial insemination during the non-breeding season in goats. Theriogenology, 2019, 127, 21-25.	0.9	8
61	Short-term beta-carotene-supplementation positively affects ovarian activity and serum insulin concentrations in a goat model. Journal of Endocrinological Investigation, 2013, 36, 185-9.	1.8	8
62	Circannual Fluctuations in Serum Cortisol and Glucose Concentrations and Hair Coat Growth in Goats. Journal of Applied Animal Research, 2007, 31, 79-82.	0.4	7
63	Betacarotene supplementation increases ovulation rate without an increment in LH secretion in cyclic goats. Reproductive Biology, 2013, 13, 51-57.	0.9	7
64	Long-term betacarotene supplementation positively affects serum triiodothyronine concentrations around puberty onset in female goats. Small Ruminant Research, 2014, 116, 176-182.	0.6	7
65	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. Livestock Science, 2017, 205, 64-69.	0.6	7
66	Use of Propylene-Glycol as a Cosolvent for GnRH in Synchronization of Estrus and Ovulation in Sheep. Animals, 2020, 10, 897.	1.0	7
67	Intake of Spineless Cladodes of Opuntia ficus-indica During Late Pregnancy Improves Progeny Performance in Underfed Sheep. Animals, 2020, 10, 995.	1.0	7
68	Precision Betacarotene Supplementation Enhanced Ovarian Function and the LH Release Pattern in Yearling Crossbred Anestrous Goats. Animals, 2020, 10, 659.	1.0	7
69	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. Agriculture (Switzerland), 2022, 12, 760.	1.4	7
70	Interactions between metabolic status, pre-breeding protein supplementation, uterine pH, and embrionic mortality in ewes: Preliminary observations. Tropical Animal Health and Production, 2006, 38, 407-413.	0.5	6
71	Exposure of sexually inactive males to estrogenized females increased the investigative and consummatory sexual behavior. Animal Reproduction Science, 2016, 173, 97-103.	0.5	6
72	Beta-carotene supplementation positively affects selected blood metabolites across time around the onset of puberty in goats. Czech Journal of Animal Science, 2017, 62, 22-31.	0.5	6

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73	The Opuntia effect and the Reactivation of Ovarian Function and Blood Metabolite Concentrations of Anestrous Goats Exposed to Active Males. Animals, 2019, 9, 550.	1.0	6
74	Milk Yield and Composition of Mixed-Breed Goats on Rangeland during the Dry Season and the Effect on the Growth of Their Progeny. Biology, 2021, 10, 220.	1.3	6
75	Comportamiento productivo, consumo de nutrientes y productividad al parto de ovejas de pelo suplementadas con energÃa en el preparto durante verano e invierno. Archivos De Medicina Veterinaria, 2015, 47, 301-309.	0.2	6
76	The Expression of Birth Weight is Modulated by the Breeding Season in a Goat Model. Annals of Animal Science, 2012, 12, 237-245.	0.6	5
77	Short-term glutamate administration positively affects the number of antral follicles and the ovulation rate in cyclic adult goats. Reproductive Biology, 2014, 14, 298-301.	0.9	5
78	Effects of supplementation during late gestation on goat performance and behavior under rangeland conditions. Journal of Animal Science, 2015, 93, 4153-4160.	0.2	5
79	Conception rate of artificially inseminated Holstein cows affected by cloudy vaginal mucus, under intense heat conditions. Pesquisa Agropecuaria Brasileira, 2015, 50, 492-498.	0.9	5
80	Effects of soybean oil inclusion in the pre-lambing diet on udder size, colostrum secretion, and offspring thermoregulation and growth in hair-breed ewes. Livestock Science, 2017, 204, 7-15.	0.6	5
81	Effect of two routes of administration of human chorionic gonadotropin upon oestrus induction and reproductive outcomes in adult acyclic mix-breed goats. Journal of Applied Animal Research, 2018, 46, 190-194.	0.4	5
82	The key role of targeted betacarotene supplementation on endocrine and reproductive outcomes in goats: Follicular development, ovulation rate and the GH-IGF-1 axis. Small Ruminant Research, 2018, 163, 29-33.	0.6	5
83	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. Animal Reproduction Science, 2019, 204, 60-65.	0.5	5
84	Effect of Social Rank upon Estrus Induction and Some Reproductive Outcomes in Anestrus Goats Treated With Progesterone + eCG. Animals, 2020, 10, 1125.	1.0	5
85	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. Small Ruminant Research, 2015, 133, 21-29.	0.6	4
86	Maternal undernutrition during the pre- and post-conception periods in twin-bearing hairsheep ewes: effects on fetal and placental development at mid-gestation. Tropical Animal Health and Production, 2017, 49, 1393-1400.	0.5	4
87	Tillandsia recurvata and its chemical value as an alternative use for feeding ruminants in northern Mexico. Journal of Applied Animal Research, 2018, 46, 295-300.	0.4	4
88	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. Journal of Veterinary Behavior: Clinical Applications and Research, 2019, 30, 96-102.	0.5	4
89	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. Biology, 2020, 9, 354.	1.3	4
90	Effects of a Long Daily Photoperiod on Milk Yield and Ovarian Activity of Saanen Goats in Northern Mexico. Journal of Applied Animal Research, 2009, 36, 287-290.	0.4	3

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91	The male effect stimulus positively increased the ovarian and reproductive seasonality in Criollo goats irrespective of a controlled photoperiodic regime. Journal of Applied Animal Research, 2011, 39, 205-211.	0.4	3
92	Effects of pre-lambing maternal energy supplementation on post-weaning productive performance and thermoregulatory capacity of heat-stressed male lambs. Journal of Thermal Biology, 2018, 75, 7-12.	1.1	3
93	Periconceptional nutrition with spineless cactus (Opuntia ficus-indica) improves metabolomic profiles and pregnancy outcomes in sheep. Scientific Reports, 2021, 11, 7214.	1.6	3
94	Unveiling the Fecal Microbiota in Two Captive Mexican Wolf (Canis lupus baileyi) Populations Receiving Different Type of Diets. Biology, 2021, 10, 637.	1.3	3
95	EVALUACIÃ“N PARTICIPATIVA DE TECNOLOGÃAS EN CAPRINOS EN EL SEMIÃRIDO DEL NORTE CENTRO DE MÃ‰XICO. Revista Chapingo, Serie Ciencias Forestales Y Del Ambiente, 2011, XVII, 225-234.	0.2	3
96	Goats as Valuable Animal Model to Test the Targeted Glutamate Supplementation upon Antral Follicle Number, Ovulation Rate, and LH-Pulsatility. Biology, 2022, 11, 1015.	1.3	3
97	The use of melatonin and progestagenâ€“eCG to initiate reproductive activity in prepuberal Awassi ewe lambs. Tropical Animal Health and Production, 2011, 43, 1345-1350.	0.5	2
98	The male effect stimulus positively influences luteinising hormone secretion in ovariectomised Criollo goats irrespective of a controlled photoperiodic regime. Journal of Applied Animal Research, 2011, 39, 196-204.	0.4	2
99	Seasonal diet composition and forage selectivity of Boer goats in a semi-arid gypsophilous grassland. African Journal of Range and Forage Science, 2017, 34, 191-199.	0.6	2
100	The Opuntia 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. Animals, 2020, 10, 931.	1.0	2
101	Luteogenesis and Embryo Implantation Are Enhanced by Exogenous hCG in Goats Subjected to an Out-of-Season Fixed-Time Artificial Insemination Protocol. Biology, 2021, 10, 429.	1.3	2
102	HACIA UN ENFOQUE DE INVESTIGACIÃ“N PARTICIPATIVA PARA MEJORAR LOS SISTEMAS DE PRODUCCIÃ“N DE CAPRINOS EN REGIONES SEMIÃRIDAS DE MÃ‰XICO:UNA CARACTERIZACIÃ“N SOCIOECONÃ“MICA Y ECOLÃ“GICA. Revista Chapingo, Serie Ciencias Forestales Y Del Ambiente, 2011, XVII, 131-146.	0.2	2
103	The Effect of P4 + eCG Estrus Induction Protocol during the Deep and the Transition Anestrous Period on the Reproductive Performance of Crossbred Dairy Goats. Biology, 2020, 9, 311.	1.3	2
104	Effect of Replacing Sorghum Stubble with Tillandsia recurvata (L.) on Liveweight Change, Blood Metabolites, and Hematic Biometry of Goats. Biology, 2022, 11, 517.	1.3	2
105	Effect of Dorper Ramsâ€™ Social-Sexual Hierarchy on Their Sexual Behavior and Capacity to Induce Estrus in Ewes. Agriculture (Switzerland), 2022, 12, 391.	1.4	2
106	Small ruminants and sustainability in Latin America & the Caribbean: Regionalization, main production systems, and a combined productive, socio-economic & ecological footprint quantification. Small Ruminant Research, 2022, 211, 106676.	0.6	2
107	The use of female estrogenized goats as sexual stimulator of crossbred dairy males subsequently exposed to acyclic goats during two phases of the anestrous season. Theriogenology, 2018, 119, 175-182.	0.9	1
108	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. International Journal of Biometeorology, 2021, 65, 2077-2086.	1.3	1

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109	Analysis of methods to estimate the mean and variance of the willingness to pay: parametric and non-parametric case. Revista Chapingo, Serie Ciencias Forestales Y Del Ambiente, 2017, 23, 231-242.	0.1	1
110	Peri-Conceptional undernutrition in twin bearing ewes: Effect on early fetal growth and birth weight. Ecosistemas Y Recursos Agropecuarios, 2017, 4, 419.	0.0	1
111	Efficiency of hCG for Inducing Resumption of Ovarian Cyclicity and Synchronized Ovulations during the Seasonal Anestrous in Sheep. Animals, 2021, 11, 3159.	1.0	1
112	Interactions between Social Hierarchy and Some Udder Morphometric Traits upon Colostrum and Milk Physicochemical Characteristics in Crossbred Dairy Goats. Agriculture (Switzerland), 2022, 12, 734.	1.4	1
113	Reproductive Performance of Merino Rambouillet Prepubertal Ewes Under Highland Sub-Tropical Conditions II. Male Stimulation of Seasonal Anestrous. Journal of Applied Animal Research, 2005, 27, 25-28.	0.4	0
114	Reproductive Performance of Merino-Rambouillet Prepubertal Ewes under Highland Sub-Tropical Conditions I. Timing of he Breeding and Anestrous Seasons. Journal of Applied Animal Research, 2005, 27, 21-24.	0.4	0
115	Blood cell morphometry of wild Gopherus flavomarginatus (Bolson tortoises) in the Chihuahuan desert. Veterinaria MÃ©xico OA, 2020, 7, .	0.2	0
116	Eficiencia reproductiva de Ovsynch + CIDR en vacas Holstein bajo un esquema de inseminaciÃ³n artificial a tiempo fijo en el norte de MÃ©xico. Revista Mexicana De Ciencias Pecuarias, 2018, 9, 506-517.	0.1	0
117	Goat production and sustainability in Latin America & the Caribbean: A combined productive, socio-economic & ecological footprint approach. Small Ruminant Research, 2022, 211, 106677.	0.6	0
118	Sheep production and sustainability in Latin America & the Caribbean: A combined productive, socio-economic & ecological footprint approach. Small Ruminant Research, 2022, 211, 106675.	0.6	0