

Anastasio Arguello

List of Publications by Year in descending order

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123
papers

2,396
citations

172207

29
h-index

288905

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123
all docs

123
docs citations

123
times ranked

1968
citing authors

#	ARTICLE	IF	CITATIONS
1	Retinol and Î±-Tocopherol Contents, Fat Color, and Lipid Oxidation as Traceability Tools of the Feeding System in Suckling Payoya Kids. <i>Animals</i> , 2022, 12, 104.	1.0	1
2	Extensive Sheep and Goat Production: The Role of Novel Technologies towards Sustainability and Animal Welfare. <i>Animals</i> , 2022, 12, 885.	1.0	24
3	Study of the influence of genotype and rearing method on muscle fibre characteristics in suckling goat kids. <i>Journal of Applied Animal Research</i> , 2022, 50, 146-151.	0.4	3
4	Horn bud size of dairy-bred and suckler-bred calves at time of disbudding. <i>Irish Veterinary Journal</i> , 2021, 74, 17.	0.8	2
5	How Management System Affects the Concentration of Retinol and Î±-Tocopherol in Plasma and Milk of Payoya Lactating Goats: Possible Use as Traceability Biomarkers. <i>Animals</i> , 2021, 11, 2326.	1.0	4
6	Influence of the Use of Milk Replacers on Carcass Characteristics of Suckling Kids from Eight Spanish Goat Breeds. <i>Animals</i> , 2021, 11, 3300.	1.0	1
7	Somatic cells: A potential tool to accelerate low-fat goat cheese ripening. <i>International Dairy Journal</i> , 2020, 102, 104598.	1.5	5
8	Use of glycerol and propylene glycol as additives in heat-treated goat colostrum. <i>Journal of Dairy Science</i> , 2020, 103, 2756-2761.	1.4	4
9	Milk Replacer Supplementation with Docosahexaenoic Acid from Microalgae Does Not Affect Growth and Immune Status in Goat Kids. <i>Animals</i> , 2020, 10, 1233.	1.0	0
10	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
11	Understanding seasonal weight loss tolerance in dairy goats: a transcriptomics approach. <i>BMC Genomics</i> , 2020, 21, 629.	1.2	6
12	Short communication: Red deer (<i>Cervus elaphus</i>) colostrum during its transition to milk. <i>Journal of Dairy Science</i> , 2020, 103, 5662-5667.	1.4	2
13	Effect of Rearing System on the Straight and Branched Fatty Acids of Goat Milk and Meat of Suckling Kids. <i>Foods</i> , 2020, 9, 471.	1.9	8
14	Sheep and goats raised in mixed flocks have diverse immune status around parturition. <i>Journal of Dairy Science</i> , 2019, 102, 8478-8485.	1.4	11
15	Antimicrobial drug usage from birth to 180 days of age in Irish dairy calves and in suckler beef calves. <i>Journal of Applied Animal Research</i> , 2019, 47, 474-485.	0.4	11
16	Influence of treatment and refrigeration time on antimicrobial activity of goat and sheep colostrum. <i>Journal of Dairy Research</i> , 2019, 86, 450-453.	0.7	5
17	Carcase and meat quality of Blanca Andaluza kids fed exclusively with milk from their dams under organic and conventional grazing-based management systems. <i>Italian Journal of Animal Science</i> , 2019, 18, 1186-1191.	0.8	3
18	Volatile organic compounds and consumer preference for meat from suckling goat kids raised with natural or replacers milk. <i>Italian Journal of Animal Science</i> , 2019, 18, 1259-1270.	0.8	9

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19	Web-based survey of consumer preferences for the visual appearance of meat from suckling kids. Italian Journal of Animal Science, 2019, 18, 1284-1293.	0.8	17
20	Effect of the rearing system on the color of four muscles of suckling kids. Food Science and Nutrition, 2019, 7, 1502-1511.	1.5	7
21	Influence of the Use of Milk Replacers and pH on the Texture Profiles of Raw and Cooked Meat of Suckling Kids. Foods, 2019, 8, 589.	1.9	11
22	Short communication: Differences in distribution of serotonin receptor subtypes in the mammary gland of sheep, goats, and cows during lactation and involution. Journal of Dairy Science, 2019, 102, 2703-2707.	1.4	4
23	Carcass Characteristics and Meat Quality of Conventionally and Organically Reared Suckling Dairy Goat Kids of the Payoya Breed. Annals of Animal Science, 2019, 19, 1143-1159.	0.6	12
24	Recent advances in dairy goat products. Asian-Australasian Journal of Animal Sciences, 2019, 32, 1306-1320.	2.4	35
25	Effect of passive transfer status on response to a glycoprotein E (gE)-negative bovine herpesvirus type 1 (BoHV-1) and bovine respiratory syncytial virus (BRSV) vaccine and weaning stress in pre-weaned dairy calves. Journal of Applied Animal Research, 2018, 46, 907-914.	0.4	3
26	Comparison of single radial immunodiffusion and ELISA for the quantification of immunoglobulin G in bovine colostrum, milk and calf sera. Journal of Applied Animal Research, 2018, 46, 758-765.	0.4	41
27	Consumer visual appraisal and shelf life of leg chops from suckling kids raised with natural milk or milk replacer. Journal of the Science of Food and Agriculture, 2018, 98, 2651-2657.	1.7	9
28	Use of clinic refractometer at farm as a tool to estimate the IgG content in goat colostrum. Journal of Applied Animal Research, 2018, 46, 1505-1508.	0.4	13
29	Blood immune transcriptome analysis of artificially fed dairy calves and naturally suckled beef calves from birth to 7 days of age. Scientific Reports, 2018, 8, 15461.	1.6	9
30	Meat quality of lambs (hair and wool) slaughtered at different live weights. Journal of Applied Animal Research, 2017, 45, 400-408.	0.4	20
31	Mammary gland and milk fatty acid composition of two dairy goat breeds under feed-restriction. Journal of Dairy Research, 2017, 84, 264-271.	0.7	15
32	The Canary Islandsâ€™ Goat Breeds (Majorera, TinerfeÃ±a, and Palmera): An Example of Adaptation to Harsh Conditions. , 2017, , 221-231.		2
33	A proteomics study of colostrum and milk from the two major small ruminant dairy breeds from the Canary Islands: a bovine milk comparison perspective. Journal of Dairy Research, 2016, 83, 366-374.	0.7	42
34	The goat (Capra hircus) mammary gland secretory tissue proteome as influenced by weight loss: A study using label free proteomics. Journal of Proteomics, 2016, 145, 60-69.	1.2	36
35	Interrelationships among the length of milk stasis, tight junction permeability to lactose and monovalent cations, rate of milk secretion and composition in dairy goats traditionally milked once a day. Small Ruminant Research, 2016, 137, 85-90.	0.6	3
36	NMR-metabolomics profiling of mammary gland secretory tissue and milk serum in two goat breeds with different levels of tolerance to seasonal weight loss. Molecular BioSystems, 2016, 12, 2094-2107.	2.9	27

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37	Proposal for standard methods and procedure for guinea pig carcass evaluation, jointing and tissue separation. <i>Journal of Applied Animal Research</i> , 2016, 44, 65-70.	0.4	21
38	The Goat (<i>Capra hircus</i>) Mammary Gland Mitochondrial Proteome: A Study on the Effect of Weight Loss Using Blue-Native PAGE and Two-Dimensional Gel Electrophoresis. <i>PLoS ONE</i> , 2016, 11, e0151599.	1.1	21
39	Establishment of the biochemical and endocrine blood profiles in the <i>Majorera</i> and <i>Palmera</i> dairy goat breeds: the effect of feed restriction. <i>Journal of Dairy Research</i> , 2015, 82, 416-425.	0.7	34
40	The effect of colostrum period management on BW and immune system in lambs: from birth to weaning. <i>Animal</i> , 2015, 9, 1672-1679.	1.3	22
41	A mitochondrial analysis reveals distinct founder effect signatures in Canarian and Balearic goats. <i>Animal Genetics</i> , 2015, 46, 452-456.	0.6	24
42	The effect of milk source on body weight and immune status of lambs. <i>Livestock Science</i> , 2015, 175, 70-76.	0.6	22
43	The effect of colostrum source (goat vs. sheep) and timing of the first colostrum feeding (2 h vs. 14 h) on lamb growth and health. <i>Journal of Dairy Science</i> , 2015, 98, 204-210.	0.784314	47
44	Effect of breed (hair and wool), weight and sex on carcass quality of light lambs under intensive management. <i>Journal of Applied Animal Research</i> , 2015, 43, 479-486.	0.4	9
45	Colostrum protein uptake in neonatal lambs examined by descriptive and quantitative liquid chromatography-tandem mass spectrometry. <i>Journal of Dairy Science</i> , 2015, 98, 135-147.	1.4	38
46	The Colostrum Proteome, Ruminant Nutrition and Immunity: A Review. <i>Current Protein and Peptide Science</i> , 2014, 15, 64-74.	0.7	74
47	Use of microseaweeds (<i>Chlorella pyrenoidosa</i>) as a probiotic in dairy goats feeding. <i>Journal of Applied Animal Research</i> , 2014, 42, 310-316.	0.4	5
48	Short-term effects of milking frequency on milk yield, milk composition, somatic cell count and milk protein profile in dairy goats. <i>Journal of Dairy Research</i> , 2014, 81, 275-279.	0.7	6
49	From goat colostrum to milk: Physical, chemical, and immune evolution from partum to 90 days postpartum. <i>Journal of Dairy Science</i> , 2014, 97, 10-16.	1.4	53
50	Effects of <i>Cryptocodium cohnii</i> , <i>Chlorella</i> spp. and <i>Isochrysis galbana</i> addition to milk replacer on goat kids and lambs growth. <i>Journal of Applied Animal Research</i> , 2014, 42, 213-216.	0.4	9
51	The effect of colostrum intake on blood plasma proteome profile in newborn lambs: low abundance proteins. <i>BMC Veterinary Research</i> , 2014, 10, 85.	0.7	46
52	Effects of oxytocin treatments on milk ejection in dairy goats traditionally milked once a day. <i>Small Ruminant Research</i> , 2014, 120, 231-233.	0.6	3
53	State-of-the-art of electronic identification techniques and applications in goats. <i>Small Ruminant Research</i> , 2014, 121, 42-50.	0.6	13
54	Body live weight and milk production parameters in the Majorera and Palmera goat breeds from the Canary Islands: influence of weight loss. <i>Tropical Animal Health and Production</i> , 2013, 45, 1731-1736.	0.5	34

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55	Erratum to "Sodium dodecyl sulfate reduces bacterial contamination in goat colostrum without negative effects on immune passive transfer or the health of goat kids" (J. Dairy Sci. 94:410-415). Journal of Dairy Science, 2013, 96, 5403.	1.4	0
56	Effects of supercritical fluid extraction pressure on chemical composition, microbial population, polar lipid profile, and microstructure of goat cheese. Journal of Dairy Science, 2013, 96, 1325-1334.	1.4	15
57	Comparison between two milk distribution structures in dairy goats milked at different milking frequencies. Small Ruminant Research, 2013, 114, 161-166.	0.6	17
58	Carcass and meat quality determination as a tool to promote local meat consumption in outermost regions of Europe. Journal of Applied Animal Research, 2013, 41, 269-276.	0.4	8
59	Sensory analysis as a tool to compare imported and local meat in outermost regions of Europe. Journal of Applied Animal Research, 2013, 41, 121-124.	0.4	6
60	Effects of three management systems on meat quality of dairy breed goat kids. Journal of Applied Animal Research, 2013, 41, 173-182.	0.4	18
61	Effects of addition of somatic cells to caprine milk on cheese quality. International Dairy Journal, 2013, 29, 61-67.	1.5	27
62	Short communication: Effects of milking frequency on udder morphology, milk partitioning, and milk quality in 3 dairy goat breeds. Journal of Dairy Science, 2013, 96, 1071-1074.	1.4	19
63	Short communication: Fractional milking distribution of immunoglobulin G and other constituents in colostrum. Journal of Dairy Science, 2013, 96, 5919-5922.	1.4	12
64	Effects of breed and milking frequency on udder histological structures in dairy goats. Journal of Applied Animal Research, 2013, 41, 166-172.	0.4	7
65	Effect of breed (wool and hair) and sex on the carcass quality of suckling lambs under intensive management. Revista Brasileira De Zootecnia, 2013, 42, 892-898.	0.3	1
66	Fatty acid composition of muscle and internal fat depots of organic and conventional Payoya goat kids. Spanish Journal of Agricultural Research, 2013, 11, 759.	0.3	6
67	Fatty acid composition of muscle and adipose tissues of organic and conventional Blanca Andaluza suckling kids. Spanish Journal of Agricultural Research, 2013, 11, 770.	0.3	6
68	Sensory analysis of full-, reduced- and low-fat cheese elaborated with raw goat milk. Journal of Applied Animal Research, 2012, 40, 124-132.	0.4	10
69	Effect of electronic identification with ruminal bolus on growth parameters and stomach development in young goat kids. Journal of Applied Animal Research, 2012, 40, 351-353.	0.4	0
70	The effect of diet and DHA addition on the sensory quality of goat kid meat. Meat Science, 2012, 90, 393-397.	2.7	8
71	The complement system of the goat: Haemolytic assays and isolation of major proteins. BMC Veterinary Research, 2012, 8, 91.	0.7	18
72	Host-Feeding Pattern of <i>Culex theileri</i> (Diptera: Culicidae), Potential Vector of <i>Dirofilaria immitis</i> in the Canary Islands, Spain. Journal of Medical Entomology, 2012, 49, 1419-1423.	0.9	8

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73	Docosahexaenoic acid in the goat kid diet: Effects on immune system and meat quality ¹ . Journal of Animal Science, 2012, 90, 3729-3738.	0.2	20
74	Chemical composition and immune status of dairy goat colostrum fractions during the first 10h after partum. Small Ruminant Research, 2012, 103, 220-224.	0.6	53
75	Management effects on colostrogenesis in small ruminants: a review. Journal of Applied Animal Research, 2011, 39, 85-93.	0.4	60
76	Effects of induced parturition in goats on immunoglobulin G and chitotriosidase activity in colostrum and plasma and on plasma concentrations of prolactin. Domestic Animal Endocrinology, 2011, 40, 192-196.	0.8	9
77	Multivariate analysis of meat production traits in Murciano-Granadina goat kids. Meat Science, 2011, 88, 447-453.	2.7	15
78	Sodium dodecyl sulfate reduces bacterial contamination in goat colostrum without negative effects on immune passive transfer in goat kids. Journal of Dairy Science, 2011, 94, 410-415.	1.4	19
79	Lipolysis and proteolysis profiles of fresh artisanal goat cheese made with raw milk with 3 different fat contents. Journal of Dairy Science, 2011, 94, 5786-5793.	1.4	23
80	Effect of milking frequency on milk immunoglobulin concentration (IgG, IgM and IgA) and chitotriosidase activity in Majorera goats. Small Ruminant Research, 2011, 98, 70-72.	0.6	17
81	Do secretions from the uropygial gland of birds attract biting midges and black flies?. Parasitology Research, 2011, 109, 1715-1718.	0.6	12
82	Trends in goat research, a review. Journal of Applied Animal Research, 2011, 39, 429-434.	0.4	43
83	The effects of modified atmosphere packaging on goat kid meat quality. Journal of Applied Animal Research, 2011, 39, 353-358.	0.4	8
84	Differences on meat quality of local cattle breed from outermost EU zone vs. commercial. Journal of Applied Animal Research, 2011, 39, 328-333.	0.4	8
85	Effects of feeding management and time of day on the occurrence of self-licking in dairy goats. Veterinary Record, 2011, 168, 378-378.	0.2	14
86	The effects of storage temperature on goat milk somatic cell count using the DeLaval counter. Tropical Animal Health and Production, 2010, 42, 1317-1320.	0.5	6
87	Effect of addition of soybean trypsin inhibitor to colostrum on immunological status in goat kids. Journal of Animal Physiology and Animal Nutrition, 2010, 94, 93-98.	1.0	4
88	Suitability of electronic mini-boluses for the early identification of goat kids and effects on growth performance and development of the reticulorumen ¹² . Journal of Animal Science, 2010, 88, 3464-3469.	0.2	4
89	Influência do sexo do animal e do sistema de produção nas características de carcaça de caprinos da raça Blanca Serrana Andaluza. Revista Brasileira De Zootecnia, 2010, 39, 382-386.	0.3	7
90	Physicochemical analysis of full-fat, reduced-fat, and low-fat artisan-style goat cheese. Journal of Dairy Science, 2010, 93, 3950-3956.	1.4	42

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91	Effects of a reputed immunostimulant on the innate immune system of goat kids. <i>Small Ruminant Research</i> , 2009, 85, 23-26.	0.6	11
92	Preliminary study on the use of a <i>Teladorsagia circumcincta</i> bulk milk ELISA test in dairy goats under experimental conditions. <i>Veterinary Parasitology</i> , 2009, 166, 228-234.	0.7	5
93	Effects of newborn characteristics and length of colostrum feeding period on passive immune transfer in goat kids. <i>Journal of Dairy Science</i> , 2009, 92, 1616-1619.	1.4	21
94	Effect of colostrum immunoglobulin concentration on immunity in Majorera goat kids. <i>Journal of Dairy Science</i> , 2009, 92, 1696-1701.	1.4	39
95	Farm and factory production of goat cheese whey results in distinct chemical composition. <i>Journal of Dairy Science</i> , 2009, 92, 4792-4796.	1.4	21
96	Effects of Various Packaging Systems on the Quality Characteristic of Goat Meat. <i>Asian-Australasian Journal of Animal Sciences</i> , 2009, 22, 428-432.	2.4	11
97	Effects of the frequency of milking and lactation stage on milk fractions and milk composition in Tinerfe dairy goats. <i>Small Ruminant Research</i> , 2008, 75, 252-255.	0.6	11
98	The effects of diet and age on serum complement system activity in goat kids. <i>Livestock Science</i> , 2008, 119, 102-106.	0.6	13
99	Short Communication: Apoptosis Regulates Passive Immune Transfer in Newborn Kids. <i>Journal of Dairy Science</i> , 2008, 91, 2086-2088.	1.4	36
100	Chitotriosidase Activity in Goat Blood and Colostrum. <i>Journal of Dairy Science</i> , 2008, 91, 2067-2070.	1.4	18
101	Short Communication: Addition of Milk Replacer to Colostrum Whey: Effect on Immunoglobulin G Passive Transfer in Majorera Kids. <i>Journal of Dairy Science</i> , 2007, 90, 2347-2349.	1.4	14
102	Effect of Heat and High-Pressure Treatments on Microbiological Quality and Immunoglobulin G Stability of Caprine Colostrum. <i>Journal of Dairy Science</i> , 2007, 90, 833-839.	1.4	47
103	Effect of dietary conjugated linoleic acid on serum levels of N2O5 and l-citrulline in goat kids. <i>Small Ruminant Research</i> , 2007, 68, 333-335.	0.6	1
104	Short Communication: Correlations Between Udder Morphology, Milk Yield, and Milking Ability with Different Milking Frequencies in Dairy Goats. <i>Journal of Dairy Science</i> , 2006, 89, 2076-2079.	1.4	28
105	Evaluation of the Effect of Rennet Type on the Texture and Colour of Goats Cheese. <i>Journal of Applied Animal Research</i> , 2006, 30, 157-160.	0.4	13
106	The influence of dietary conjugated linoleic acid on blood serum and colostrum immunoglobulin G concentration in female goats before and after parturition. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2006, 90, 429-431.	1.0	11
107	Effects of the number of lactations and litter size on chemical composition and physical characteristics of goat colostrum. <i>Small Ruminant Research</i> , 2006, 64, 53-59.	0.6	54
108	Short Communication: Evaluation of a Color Method for Testing Immunoglobulin G Concentration in Goat Colostrum. <i>Journal of Dairy Science</i> , 2005, 88, 1752-1754.	1.4	19

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109	Effects of Lyophilized Colostrum and Different Colostrum Feeding Regimens on Passive Transfer of Immunoglobulin G in Majorera Goat Kids. <i>Journal of Dairy Science</i> , 2005, 88, 3650-3654.	1.4	55
110	Effects of diet and live weight at slaughter on kid meat quality. <i>Meat Science</i> , 2005, 70, 173-179.	2.7	59
111	Growth of Milk Replacer Kids Fed Under Three Different Managements. <i>Journal of Applied Animal Research</i> , 2004, 25, 37-40.	0.4	28
112	The effects of long-day photoperiod on growth, body composition and skin colour in immature gilthead sea bream (<i>Sparus aurata</i> L.). <i>Aquaculture Research</i> , 2004, 35, 1207-1212.	0.9	69
113	Passive transfer of immunity in kid goats fed refrigerated and frozen goat colostrum and commercial sheep colostrum. <i>Small Ruminant Research</i> , 2004, 54, 237-241.	0.6	38
114	Effect of colostrum administration practices on serum IgG in goat kids. <i>Livestock Science</i> , 2004, 90, 235-239.	1.2	36
115	Effects of refrigeration, freezing-thawing and pasteurization on IgG goat colostrum preservation. <i>Small Ruminant Research</i> , 2003, 48, 135-139.	0.6	47
116	Effects of live weight at slaughter (6, 10 and 25 kg) on kid carcass and meat quality. <i>Livestock Science</i> , 2003, 83, 247-256.	1.2	94
117	Growth in adult gilthead sea bream (<i>Sparus aurata</i> L) as a result of interference in sexual maturation by different photoperiod regimes. <i>Aquaculture Research</i> , 2003, 34, 73-83.	0.9	30
118	Effects of Live Weight at Slaughter on Tissue Distribution in Kids. <i>Journal of Applied Animal Research</i> , 2003, 23, 43-48.	0.4	0
119	Title is missing!. <i>Aquaculture International</i> , 2002, 10, 379-389.	1.1	39
120	Limb myosin heavy chain isoproteins and muscle fiber types in the adult goat (<i>Capra hircus</i>). <i>The Anatomical Record</i> , 2001, 264, 284-293.	2.3	44
121	Prediction of kid carcass composition by use of joint dissection. <i>Livestock Science</i> , 2001, 67, 293-295.	1.2	23
122	A Note on Yoghurt Utilisation in Artificial Rearing of Kids. <i>Journal of Applied Animal Research</i> , 1999, 15, 165-168.	0.4	0
123	Carcass Composition of Canary Caprine Group at Adult Age. <i>Journal of Applied Animal Research</i> , 1999, 15, 75-79.	0.4	2