

Eduardo Casas

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

3,560
citations

196777

29
h-index

156644

58
g-index

86
all docs

86
docs citations

86
times ranked

2839
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of multivariate analysis to evaluate antigenic relationships between US BVDV vaccine strains and non-US genetically divergent isolates. <i>Journal of Virological Methods</i> , 2022, 299, 114328.	1.0	5
2	Comparative study of antibacterial activity and stability of D-enantiomeric and L-enantiomeric bovine NK-lysin peptide NK2A. <i>Biochemical and Biophysical Research Communications</i> , 2022, 595, 76-81.	1.0	3
3	Effect of Holstein genotype on immune response to an intramammary <i>Escherichia coli</i> challenge. <i>Journal of Dairy Science</i> , 2022, 105, 5435-5448.	1.4	2
4	Protection against <i>Mycoplasma bovis</i> infection in calves following intranasal vaccination with modified-live <i>Mannheimia haemolytica</i> expressing <i>Mycoplasma</i> antigens. <i>Microbial Pathogenesis</i> , 2021, 161, 105159.	1.3	5
5	Bovine NK-lysin peptides exert potent antimicrobial activity against multidrug-resistant <i>Salmonella</i> outbreak isolates. <i>Scientific Reports</i> , 2021, 11, 19276.	1.6	8
6	Relationship of molecular breeding value for beef tenderness with heifer traits through weaning of their first calf. <i>Theriogenology</i> , 2021, 173, 128-132.	0.9	1
7	Bovine NK-lysin-derived peptides have bactericidal effects against <i>Mycobacterium avium</i> subspecies paratuberculosis. <i>Veterinary Research</i> , 2021, 52, 11.	1.1	5
8	Exogenous Vitamin D3 Modulates Response of Bovine Macrophages to <i>Mycobacterium avium</i> subsp. paratuberculosis Infection and Is Dependent Upon Stage of Johne's Disease. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 773938.	1.8	5
9	Expression of Viral microRNAs in Serum and White Blood Cells of Cows Exposed to Bovine Leukemia Virus. <i>Frontiers in Veterinary Science</i> , 2020, 7, 536390.	0.9	6
10	Multivariate analysis as a method to evaluate antigenic relationships between BVDV vaccine and field strains. <i>Vaccine</i> , 2020, 38, 5764-5772.	1.7	15
11	Case report: characterization of a persistent, treatment-resistant, novel <i>Staphylococcus aureus</i> infection causing chronic mastitis in a Holstein dairy cow. <i>BMC Veterinary Research</i> , 2020, 16, 336.	0.7	12
12	Novel genes involved in the genetic architecture of temperament in Brahman cattle. <i>PLoS ONE</i> , 2020, 15, e0237825.	1.1	14
13	Measuring CMI responses using the PrimeFlow RNA assay: A new method of evaluating BVDV vaccination response in cattle. <i>Veterinary Immunology and Immunopathology</i> , 2020, 221, 110024.	0.5	7
14	Genome Sequence of a <i>Staphylococcus aureus</i> Strain Isolated from a Dairy Cow That Was Nonresponsive to Antibiotic Treatment. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	1
15	Analysis of tRNA halves (tsRNAs) in serum from cattle challenged with bovine viral diarrhea virus. <i>Genetics and Molecular Biology</i> , 2019, 42, 374-379.	0.6	9
16	Frequency of bovine viral diarrhea virus detected in subpopulations of peripheral blood mononuclear cells in persistently infected animals and health outcome. <i>Veterinary Immunology and Immunopathology</i> , 2019, 207, 46-52.	0.5	6
17	PSVIII-30 Relationship of molecular breeding value for beef tenderness on heifer traits through weaning their first calf. <i>Journal of Animal Science</i> , 2019, 97, 266-267.	0.2	0
18	MicroRNA profiles of dry secretions through the first three weeks of the dry period from Holstein cows. <i>Scientific Reports</i> , 2019, 9, 19658.	1.6	10

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19	303 Identification of candidate genes related to temperament in Brahman cattle. <i>Journal of Animal Science</i> , 2019, 97, 2-3.	0.2	1
20	Enhanced estimates of carcass and meat quality effects for polymorphisms in myostatin and μ -calpain genes ^{1,2,3} . <i>Journal of Animal Science</i> , 2019, 97, 569-577.	0.2	16
21	$\frac{1}{4}$ -Calpain (CAPN1), calpastatin (CAST), and growth hormone receptor (GHR) genetic effects on Angus beef heifer performance traits and reproduction. <i>Theriogenology</i> , 2018, 113, 1-7.	0.9	4
22	Association of Circulating Transfer RNA fragments with antibody response to <i>Mycoplasma bovis</i> in beef cattle. <i>BMC Veterinary Research</i> , 2018, 14, 89.	0.7	3
23	Association of Transfer RNA Fragments in White Blood Cells With Antibody Response to Bovine Leukemia Virus in Holstein Cattle. <i>Frontiers in Genetics</i> , 2018, 9, 236.	1.1	12
24	The effect of pegylated granulocyte colony-stimulating factor treatment prior to experimental mastitis in lactating Holsteins. <i>Journal of Dairy Science</i> , 2018, 101, 8182-8193.	1.4	16
25	Differential Susceptibility of Bighorn Sheep (<i>Ovis canadensis</i>) and Domestic Sheep (<i>Ovis</i>) Tj ETQq1 1 0.784314 rgBT /Overl Expression of Cell Surface CD18. <i>Journal of Wildlife Diseases</i> , 2017, 53, 625-629.	0.3	1
26	Circulating MicroRNAs in Serum from Cattle Challenged with Bovine Viral Diarrhea Virus. <i>Frontiers in Genetics</i> , 2017, 8, 91.	1.1	23
27	Estimates of epistatic and pleiotropic effects of casein alpha s1 (CSN1S1) and thyroglobulin (TG) genetic markers on beef heifer performance traits enhanced by selection ¹²³⁴ . <i>Journal of Animal Science</i> , 2016, 94, 920-926.	0.2	3
28	Association of MicroRNAs with Antibody Response to <i>Mycoplasma bovis</i> in Beef Cattle. <i>PLoS ONE</i> , 2016, 11, e0161651.	1.1	17
29	A Review of Selected Genes with Known Effects on Performance and Health of Cattle. <i>Frontiers in Veterinary Science</i> , 2016, 3, 113.	0.9	27
30	Characterization of circulating transfer RNA-derived RNA fragments in cattle. <i>Frontiers in Genetics</i> , 2015, 6, 271.	1.1	23
31	Coordinated international action to accelerate genome-to-phenome with FAANG, the Functional Annotation of Animal Genomes project. <i>Genome Biology</i> , 2015, 16, 57.	3.8	331
32	Seasonal variation in vitamin D status of beef cattle reared in the central United States. <i>Domestic Animal Endocrinology</i> , 2015, 52, 71-74.	0.8	21
33	A genome-wide association study for the incidence of persistent bovine viral diarrhoea virus infection in cattle. <i>Animal Genetics</i> , 2015, 46, 8-15.	0.6	16
34	μ -Calpain, calpastatin, and growth hormone receptor genetic effects on preweaning performance, carcass quality traits, and residual variance of tenderness in Angus cattle selected to increase minor haplotype and allele frequencies ^{1,2,3} . <i>Journal of Animal Science</i> , 2014, 92, 456-466.	0.2	24
35	Polymorphisms in calpastatin and μ -calpain genes are associated with beef iron content. <i>Animal Genetics</i> , 2014, 45, 283-284.	0.6	13
36	CAPN1, CAST, and DGAT1 genetic effects on preweaning performance, carcass quality traits, and residual variance of tenderness in a beef cattle population selected for haplotype and allele equalization ^{1,2,3,4} . <i>Journal of Animal Science</i> , 2014, 92, 5382-5393.	0.2	31

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37	High-impact animal health research conducted at the USDA's National Animal Disease Center. <i>Veterinary Microbiology</i> , 2013, 165, 224-233.	0.8	5
38	A genomewide association study identified CYP2J2 as a gene controlling serum vitamin D status in beef cattle ^{1,2} . <i>Journal of Animal Science</i> , 2013, 91, 3549-3556.	0.2	13
39	Selection for genetic markers in beef cattle reveals complex associations of thyroglobulin and casein ^{1-s1} with carcass and meat traits ^{1,2} . <i>Journal of Animal Science</i> , 2013, 91, 565-571.	0.2	18
40	Relationship of polymorphisms within metabolic genes and carcass traits in crossbred beef cattle ^{1,2,3} . <i>Journal of Animal Science</i> , 2012, 90, 1311-1316.	0.2	25
41	Birth and weaning traits in crossbred cattle from Hereford, Angus, Norwegian Red, Swedish Red and White, Wagyu, and Friesian sires ^{1,2} . <i>Journal of Animal Science</i> , 2012, 90, 2916-2920.	0.2	12
42	Opportunities and challenges from the use of genomic selection for beef cattle breeding in Latin America. <i>Animal Frontiers</i> , 2012, 2, 23-29.	0.8	18
43	Fine Mapping of Loci on BTA2 and BTA26 Associated with Bovine Viral Diarrhea Persistent Infection and Linked with Bovine Respiratory Disease in Cattle. <i>Frontiers in Genetics</i> , 2011, 2, 82.	1.1	6
44	Birth and weaning traits in crossbred cattle from Hereford, Angus, Brahman, Boran, Tuli, and Belgian Blue sires ^{1,2} . <i>Journal of Animal Science</i> , 2011, 89, 979-987.	0.2	28
45	Association of single nucleotide polymorphisms in the ANKRA2 and CD180 genes with bovine respiratory disease and presence of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> ¹ . <i>Animal Genetics</i> , 2011, 42, 571-577.	0.6	13
46	Loci on <i>Bos taurus</i> chromosome 2 and <i>Bos taurus</i> chromosome 26 are linked with bovine respiratory disease and associated with persistent infection of bovine viral diarrhea virus ¹ . <i>Journal of Animal Science</i> , 2011, 89, 907-915.	0.2	24
47	Quantitative Genomics of Male Reproduction. , 2010, , 53-66.		0
48	Postweaning growth and carcass traits in crossbred cattle from Hereford, Angus, Brangus, Beefmaster, Bonsmara, and Romosinuano maternal grandsires ^{1,2} . <i>Journal of Animal Science</i> , 2010, 88, 102-108.	0.2	25
49	Effect of bovine respiratory disease and overall pathogenic disease incidence on carcass traits ^{1,2} . <i>Journal of Animal Science</i> , 2010, 88, 491-496.	0.2	32
50	Markers on Bovine Chromosome 20 Associated with Carcass Quality and Composition Traits and Incidence of Contracting Infectious Bovine Keratoconjunctivitis. <i>Animal Biotechnology</i> , 2010, 21, 188-202.	0.7	9
51	Prevalence of the prion protein gene E211K variant in U.S. cattle. <i>BMC Veterinary Research</i> , 2008, 4, 25.	0.7	46
52	A putative quantitative trait locus on chromosome 20 associated with bovine pathogenic disease incidence ^{1,2} . <i>Journal of Animal Science</i> , 2008, 86, 2455-2460.	0.2	18
53	Association of a single nucleotide polymorphism in SPP1 with growth traits and twinning in a cattle population selected for twinning rate ^{1,2} . <i>Journal of Animal Science</i> , 2007, 85, 341-347.	0.2	39
54	Growth and pubertal development of F1 bulls from Hereford, Angus, Norwegian Red, Swedish Red and White, Friesian, and Wagyu sires ^{1,2} . <i>Journal of Animal Science</i> , 2007, 85, 2904-2909.	0.2	22

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55	Assessing the association of single nucleotide polymorphisms at the thyroglobulin gene with carcass traits in beef cattle ^{1,2} . <i>Journal of Animal Science</i> , 2007, 85, 2807-2814.	0.2	32
56	Evaluation in beef cattle of six deoxyribonucleic acid markers developed for dairy traits reveals an osteopontin polymorphism associated with postweaning growth. <i>Journal of Animal Science</i> , 2007, 85, 1-10.	0.2	81
57	Putative quantitative trait loci associated with the probability of contracting infectious bovine keratoconjunctivitis ^{1,2} . <i>Journal of Animal Science</i> , 2006, 84, 3180-3184.	0.2	43
58	Effects of calpastatin and β -calpain markers in beef cattle on tenderness traits ^{1,2} . <i>Journal of Animal Science</i> , 2006, 84, 520-525.	0.2	197
59	Assessment of single nucleotide polymorphisms in genes residing on chromosomes 14 and 29 for association with carcass composition traits in <i>Bos indicus</i> cattle ^{1,2} . <i>Journal of Animal Science</i> , 2005, 83, 13-19.	0.2	148
60	Linkage mapping bovine EST-based SNP. <i>BMC Genomics</i> , 2005, 6, 74.	1.2	58
61	Identification of genetic markers for fat deposition and meat tenderness on bovine chromosome 5: Development of a low-density single nucleotide polymorphism map ^{1,2} . <i>Journal of Animal Science</i> , 2005, 83, 2280-2288.	0.2	31
62	A new single nucleotide polymorphism in CAPN1 extends the current tenderness marker test to include cattle of <i>Bos indicus</i> , <i>Bos taurus</i> , and crossbred descent ¹ . <i>Journal of Animal Science</i> , 2005, 83, 2001-2008.	0.2	157
63	Association of markers in the bovine CAPN1 gene with meat tenderness in large crossbred populations that sample influential industry sires ^{1,2} . <i>Journal of Animal Science</i> , 2004, 82, 3474-3481.	0.2	125
64	Quantitative trait loci for male reproductive traits in beef cattle. <i>Animal Genetics</i> , 2004, 35, 451-453.	0.6	20
65	Identification of quantitative trait loci for growth and carcass composition in cattle. <i>Animal Genetics</i> , 2004, 35, 2-6.	0.6	59
66	Association of myostatin on early calf mortality, growth, and carcass composition traits in crossbred cattle ^{1,2} . <i>Journal of Animal Science</i> , 2004, 82, 2913-2918.	0.2	46
67	Theory and Application of Genome-Based Approaches to Improve the Quality and Value of Beef. <i>Outlook on Agriculture</i> , 2003, 32, 253-265.	1.8	13
68	Detection of quantitative trait loci for growth and carcass composition in cattle ^{1,2} . <i>Journal of Animal Science</i> , 2003, 81, 2976-2983.	0.2	204
69	QTL affecting body weight in a candidate region of cattle chromosome 5. <i>Genetics and Molecular Biology</i> , 2003, 26, 259-265.	0.6	39
70	Evaluation of single-nucleotide polymorphisms in CAPN1 for association with meat tenderness in cattle ^{1,2} . <i>Journal of Animal Science</i> , 2002, 80, 3077-3085.	0.2	203
71	Use of bovine EST data and human genomic sequences to map 100 gene-specific bovine markers. <i>Mammalian Genome</i> , 2002, 13, 211-215.	1.0	39
72	Selection and use of SNP markers for animal identification and paternity analysis in U.S. beef cattle. <i>Mammalian Genome</i> , 2002, 13, 272-281.	1.0	199

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73	The effects of Piedmontese inheritance and myostatin genotype on the palatability of longissimus thoracis, gluteus medius, semimembranosus, and biceps femoris.. Journal of Animal Science, 2001, 79, 3069.	0.2	52
74	A comprehensive search for quantitative trait loci affecting growth and carcass composition of cattle segregating alternative forms of the myostatin gene.. Journal of Animal Science, 2001, 79, 854.	0.2	72
75	Comprehensive linkage map of bovine chromosome 27. Animal Genetics, 2001, 32, 95-97.	0.6	4
76	Comprehensive linkage map of bovine chromosome 11. Animal Genetics, 2001, 32, 92-94.	0.6	2
77	Sequence Evaluation of Four Pooled-Tissue Normalized Bovine cDNA Libraries and Construction of a Gene Index for Cattle. Genome Research, 2001, 11, 626-630.	2.4	98
78	Quantitative trait loci affecting growth and carcass composition of cattle segregating alternate forms of myostatin.. Journal of Animal Science, 2000, 78, 560.	0.2	221
79	Bovine CAPN1 maps to a region of BTA29 containing a quantitative trait locus for meat tenderness.. Journal of Animal Science, 2000, 78, 2589.	0.2	70
80	Quantitative analysis of birth, weaning, and yearling weights and calving difficulty in Piedmontese crossbreeds segregating an inactive myostatin allele.. Journal of Animal Science, 1999, 77, 1686.	0.2	50
81	Technical note: direct genotyping of the double-muscling locus (mh) in Piedmontese and Belgian Blue cattle by fluorescent PCR.. Journal of Animal Science, 1999, 77, 2028.	0.2	20
82	Association of the muscle hypertrophy locus with carcass traits in beef cattle.. Journal of Animal Science, 1998, 76, 468.	0.2	108
83	Mapping genomic regions associated with growth rate in pigs.. Journal of Animal Science, 1997, 75, 2047.	0.2	37
84	Relationship of growth hormone and insulin-like growth factor-1 genotypes with growth and carcass traits in swine. Animal Genetics, 1997, 28, 88-93.	0.6	46
85	Evaluation of Different Amplification Protocols for Use in Primer-Extension Pre-amplification. BioTechniques, 1996, 20, 219-225.	0.8	12
86	Double-strand DNA conformation polymorphisms as a source of highly polymorphic genetic markers. Animal Genetics, 1993, 24, 155-161.	0.6	25