

Physiological and cellular adaptations of zebu cattle to t

Animal Reproduction Science

82-83, 349-360

DOI: [10.1016/j.anireprosci.2004.04.011](https://doi.org/10.1016/j.anireprosci.2004.04.011)

Citation Report

#	ARTICLE	IF	CITATIONS
1	A Response to George Armelagos' Commentary. <i>Transforming Anthropology</i> , 2005, 13, 125-135.	1.4	16
2	Heat Stress Elicits Different Responses in Peripheral Blood Mononuclear Cells from Brown Swiss and Holstein Cows. <i>Journal of Dairy Science</i> , 2006, 89, 4606-4612.	1.4	152
3	Major Advances Associated with Environmental Effects on Dairy Cattle. <i>Journal of Dairy Science</i> , 2006, 89, 1244-1253.	1.4	449
4	Importance of sperm genotype (<i>indicus</i> versus <i>taurus</i>) for fertility and embryonic development at elevated temperatures. <i>Theriogenology</i> , 2006, 65, 210-218.	0.9	32
5	Interrelationship between Heat Shock Protein 70 (HSP70) and Lymphocyte Proliferation in Thermal Exposed Buffalo Heifers. <i>Italian Journal of Animal Science</i> , 2007, 6, 1344-1346.	0.8	13
6	Developmental competence and expression of the Hsp 70.1 gene in oocytes obtained from <i>Bos indicus</i> and <i>Bos taurus</i> dairy cows in a tropical environment. <i>Theriogenology</i> , 2007, 68, 626-632.	0.9	53
7	Exploitation of genetic and physiological determinants of embryonic resistance to elevated temperature to improve embryonic survival in dairy cattle during heat stress. <i>Theriogenology</i> , 2007, 68, S242-S249.	0.9	144
8	Development of DNA markers for discrimination between domestic and imported beef. <i>Meat Science</i> , 2007, 77, 161-166.	2.7	25
9	Logistic regression analysis of pregnancy rate following transfer of <i>Bos indicus</i> embryos into <i>Bos indicus</i> × <i>Bos taurus</i> heifers. <i>Theriogenology</i> , 2007, 67, 287-292.	0.9	10
10	Mapping of quantitative trait loci controlling tick [<i>Rhipicephalus</i> (<i>Boophilus</i>) <i>microplus</i>] resistance on bovine chromosomes 5, 7 and 14. <i>Animal Genetics</i> , 2007, 38, 453-459.	0.6	44
11	Postpartum Ovarian Activity in South Asian Zebu Cattle. <i>Reproduction in Domestic Animals</i> , 2008, 43, 207-212.	0.6	6
12	Response of Domestic Animals to Climate Challenges. , 2009, , 131-170.		49
13	A whole genome Bayesian scan for adaptive genetic divergence in West African cattle. <i>BMC Genomics</i> , 2009, 10, 550.	1.2	186
14	The Effect of Season on Semen Characteristics and Freezability in <i>Bos indicus</i> and <i>Bos taurus</i> Bulls in the Southeastern Region of Brazil. <i>Reproduction in Domestic Animals</i> , 2009, 44, 587-592.	0.6	47
15	Influence of the breed of bull (<i>Bos taurus indicus</i> vs. <i>Bos taurus taurus</i>) and the breed of cow (<i>Bos</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Reproduction Science</i> , 2009, 114, 54-61.	0.5	36
16	Effects of heat stress on mammalian reproduction. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 3341-3350.	1.8	495
17	Changing climate in Hungary and trends in the annual number of heat stress days. <i>International Journal of Biometeorology</i> , 2010, 54, 423-431.	1.3	23
18	Genome wide scan for quantitative trait loci affecting tick resistance in cattle (<i>Bos taurus</i> × <i>Bos</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 51	1.2	51

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19	Heat tolerance of Nelore, Senepol x Nelore and Angus x Nelore heifers in the southeast region of Brazil. South African Journal of Animal Sciences, 2010, 39, .	0.2	1
20	Investimento em climatizaÃ§Ã£o na prÃ©-ordenha de vacas girolando e seus efeitos na produÃ§Ã£o de leite. Revista Brasileira De Engenharia Agrícola E Ambiental, 2010, 14, 1337-1344.	0.4	11
21	Metabolic and hormonal acclimation to heat stress in domesticated ruminants. Animal, 2010, 4, 1167-1183.	1.3	580
22	The effects of ambient temperature and humidity on pregnancy rate in Beefmaster cows in a subtropical environment of Mexico. Livestock Science, 2010, 131, 149-154.	0.6	5
23	Purification, characterization and expression kinetics of heat shock protein 70 from Bubalus bubalis. Research in Veterinary Science, 2010, 88, 258-262.	0.9	42
24	Influence of sire breed (Bos indicus versus Bos taurus) and interval from slaughter to oocyte aspiration on heat stress tolerance of in vitro-produced bovine embryos. Theriogenology, 2011, 76, 1162-1167.	0.9	26
25	Cellular thermotolerance is associated with heat shock protein 70.1 genetic polymorphisms in Holstein lactating cows. Cell Stress and Chaperones, 2011, 16, 441-448.	1.2	112
26	Possible genetic sign of heat stress adaptation in Hungarian Grey<i>Bos taurus</i>breed. Acta Biologica Hungarica, 2011, 62, 65-72.	0.7	6
27	Variability of hair coat and skin traits as related to adaptation in Criollo Limonero cattle. Tropical Animal Health and Production, 2011, 43, 657-663.	0.5	33
28	Effect of heat challenge on peripheral blood mononuclear cell viability: comparison of a tropical and temperate pig breed. Tropical Animal Health and Production, 2011, 43, 1535-1541.	0.5	11
29	Effects of shade on physiological changes, oxidative stress, and total antioxidant power in Thai Brahman cattle. International Journal of Biometeorology, 2011, 55, 741-748.	1.3	38
31	Testicular traits as selection criteria for young Nelore bulls. Journal of Animal Science, 2011, 89, 2061-2067.	0.2	31
32	Expression profile of HSP genes during different seasons in goats (Capra hircus). Tropical Animal Health and Production, 2012, 44, 1905-1912.	0.5	88
33	Physiological and haematological indices suggest superior heat tolerance of white-coloured West African Dwarf sheep in the hot humid tropics. Tropical Animal Health and Production, 2012, 45, 157-165.	0.5	47
34	Adaptation to hot climate and strategies to alleviate heat stress in livestock production. Animal, 2012, 6, 707-728.	1.3	654
35	Utilizing laboratory and field studies to determine physiological responses of cattle to multiple environmental stressors. Journal of Thermal Biology, 2012, 37, 330-338.	1.1	7
36	Genetic Adaptability of Livestock to Environmental Stresses. , 2012, , 317-378.		9
38	Factors Influencing Livestock Productivity. , 2012, , 19-51.		41

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40	Environmental Stress and Amelioration in Livestock Production. , 2012, , .		30
41	Characterization and Comparison of the Leukocyte Transcriptomes of Three Cattle Breeds. PLoS ONE, 2012, 7, e30244.	1.1	33
42	A Quasi-Exclusive European Ancestry in the Senepol Tropical Cattle Breed Highlights the Importance of the slick Locus in Tropical Adaptation. PLoS ONE, 2012, 7, e36133.	1.1	48
43	Mortalidade de bovinos zebuÃnos por hipotermia em Mato Grosso do Sul. Pesquisa Veterinaria Brasileira, 2012, 32, 204-210.	0.5	6
44	Pasture shade and farm management effects on cow productivity in the tropics. Agriculture, Ecosystems and Environment, 2012, 155, 105-110.	2.5	23
45	Heat stress on reproductive function and fertility in mammals. Reproductive Medicine and Biology, 2012, 11, 37-47.	1.0	72
46	Application of DNA markers in parentage verification of Boran cattle in Kenya. Tropical Animal Health and Production, 2012, 44, 471-476.	0.5	10
47	Polymorphisms in the bovine HSP90AB1 gene are associated with heat tolerance in Thai indigenous cattle. Tropical Animal Health and Production, 2012, 44, 921-928.	0.5	69
48	Novel polymorphisms in UTR and coding region of inducible heat shock protein 70.1 gene in tropically adapted Indian zebu cattle (Bos indicus) and riverine buffalo (Bubalus bubalis). Gene, 2013, 527, 606-615.	1.0	39
49	Heat Stress and Animal Productivity. , 2013, , .		30
50	Genetic characterization of Colombian Brahman cattle using microsatellites markers. Russian Journal of Genetics, 2013, 49, 737-745.	0.2	1
51	Differences in body temperature, cell viability, and HSP-70 concentrations between Pelibuey and Suffolk sheep under heat stress. Tropical Animal Health and Production, 2013, 45, 1691-1696.	0.5	71
52	Molecular and Immunological Characterization of Heat Shock Protein 70 (HSP70) Gene from Buffalo. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2013, 83, 163-169.	0.4	2
53	Effects of heat stress on development, quality and survival of BosÃindicus and BosÃtaurus embryos produced inÃvitro. Theriogenology, 2013, 79, 351-357.	0.9	75
54	PHYSIOLOGY AND ENDOCRINOLOGY SYMPOSIUM: Influence of cattle genotype (Bos indicus vs. Bos) Tj ETQq0 0 0 rgBT /Overlock 10 TF Animal Science, 2013, 91, 1143-1153.	0.2	44
55	Promoter variants at AP2 box region of Hsp70.1 affect thermal stress response and milk production traits in Frieswal cross bred cattle. Gene, 2013, 532, 230-235.	1.0	46
56	Heat Stress and Reproduction. , 2013, , 79-111.		5
57	The future of livestock breeding: genomic selection for efficiency, reduced emissions intensity, and adaptation. Trends in Genetics, 2013, 29, 206-214.	2.9	527

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58	Comparative Analysis of Mafriwal (<i>Bos taurus</i> × <i>Bos indicus</i>) and Kedah Kelantan (<i>Bos indicus</i>) Sperm Proteome Identifies Sperm Proteins Potentially Responsible for Higher Fertility in a Tropical Climate. <i>International Journal of Molecular Sciences</i> , 2013, 14, 15860-15877.	1.8	16
59	Subspecies differences in early fetal development and plasma pregnancy-associated glycoprotein concentrations in cattle. <i>Journal of Animal Science</i> , 2013, 91, 3693-3701.	0.2	30
60	Conservation implications of native and introduced ungulates in a changing climate. <i>Global Change Biology</i> , 2013, 19, 1875-1883.	4.2	60
61	Managing thermal stress in feedlot cattle: environment, animal susceptibility and management options from a US perspective. , 2013, , 189-208.		2
62	Comparative stress responses to short transport and related events in Hereford and Brahman steers. <i>Journal of Animal Science</i> , 2013, 91, 957-969.	0.2	17
63	Thermoregulation of Girolando cows during summertime, in Pernambuco State, Brazil. <i>Acta Scientiarum - Animal Sciences</i> , 2013, 35, .	0.3	4
64	Physiological responses to known intake of ergot alkaloids by steers at environmental temperatures within or greater than their thermoneutral zone. <i>Frontiers in Chemistry</i> , 2014, 2, 96.	1.8	14
65	Testicular Histomorphometric Evaluation of Zebu Bull Breeds. <i>Brazilian Archives of Biology and Technology</i> , 2014, 57, 900-907.	0.5	5
66	Genome-wide analysis reveals the ancient and recent admixture history of East African Shorthorn Zebu from Western Kenya. <i>Heredity</i> , 2014, 113, 297-305.	1.2	74
67	Performance of Zebu Heifers under Heat Mitigation Measures in a Humid-Tropical Environment. <i>Agricultura Tropica Et Subtropica</i> , 2014, 47, 119-123.	0.1	1
68	Anti-Müllerian Hormone Concentration and Antral Ovarian Follicle Population in Murrah Heifers Compared to Holstein and Grey Kept Under the Same Management. <i>Reproduction in Domestic Animals</i> , 2014, 49, 1015-1020.	0.6	53
69	Peripheral blood mononuclear cells: a potential cellular system to understand differential heat shock response across native cattle (<i>Bos indicus</i>), exotic cattle (<i>Bos taurus</i>), and riverine buffaloes (<i>Bubalus bubalis</i>) of India. <i>Cell Stress and Chaperones</i> , 2014, 19, 613-621.	1.2	75
70	Beef cattle body temperature during climatic stress: a genome-wide association study. <i>International Journal of Biometeorology</i> , 2014, 58, 1665-1672.	1.3	53
71	Molecular markers and their applications in cattle genetic research: A review. <i>Biomarkers and Genomic Medicine</i> , 2014, 6, 49-58.	0.2	49
72	Peripheral blood leukocytes transcriptomic signature highlights the altered metabolic pathways by heat stress in zebu cattle. <i>Research in Veterinary Science</i> , 2014, 96, 102-110.	0.9	23
73	Metabolic profile of serum and follicular fluid from postpartum dairy cows during summer and winter. <i>Reproduction, Fertility and Development</i> , 2014, 26, 866.	0.1	14
74	Evaporative heat loss in <i>Bos taurus</i> : Do different cattle breeds cope with heat stress in the same way?. <i>Journal of Thermal Biology</i> , 2014, 45, 87-95.	1.1	37
75	Efficiency of superstimulatory protocol P-36 associated with the administration of eCG and LH in Nelore cows. <i>Theriogenology</i> , 2014, 82, 715-719.	0.9	4

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76	Impact of short-term heat stress on physiological responses and expression profile of HSPs in Barbari goats. <i>International Journal of Biometeorology</i> , 2014, 58, 2085-2093.	1.3	60
77	Exploratory analysis of differences in sperm morphology in Nelore and Gir (<i>Bos indicus</i>) bulls. <i>Tropical Animal Health and Production</i> , 2014, 46, 765-70.	0.5	1
78	Effect of heat stress on the expression profile of Hsp90 among Sahiwal (<i>Bos indicus</i>) and Frieswal (<i>Bos indicus</i> × <i>Bos taurus</i>) breed of cattle: A comparative study. <i>Gene</i> , 2014, 536, 435-440.	1.0	112
79	The development of a dynamic, mechanistic, thermal balance model for <i>Bos indicus</i> and <i>Bos taurus</i> . <i>Journal of Agricultural Science</i> , 2014, 152, 464-482.	0.6	11
80	Signatures of positive selection in East African Shorthorn Zebu: A genome-wide single nucleotide polymorphism analysis. <i>Scientific Reports</i> , 2015, 5, 11729.	1.6	114
81	Meat tenderness genetic polymorphisms occurrence and distribution in five Zebu breeds in Mexico. <i>Electronic Journal of Biotechnology</i> , 2015, 18, 365-367.	1.2	11
82	Genomic population structure and prevalence of copy number variations in South African Nguni cattle. <i>BMC Genomics</i> , 2015, 16, 894.	1.2	46
83	- Invited Review - African Indigenous Cattle: Unique Genetic Resources in a Rapidly Changing World. <i>Asian-Australasian Journal of Animal Sciences</i> , 2015, 28, 911-921.	2.4	233
84	Seasonal variation in <i>in vitro</i> immune activity of milk leukocytes in elite and non-elite crossbred cows of Indian sub-tropical semi-arid climate. <i>Biological Rhythm Research</i> , 2015, 46, 425-433.	0.4	11
85	Adaptive traits of indigenous cattle breeds: The Mediterranean Baladi as a case study. <i>Meat Science</i> , 2015, 109, 27-39.	2.7	46
86	Effects of a high-energy diet on oocyte quality and <i>in vitro</i> embryo production in <i>Bos indicus</i> and <i>Bos taurus</i> cows. <i>Journal of Dairy Science</i> , 2015, 98, 3086-3099.	1.4	48
87	Physiological and thermographic response to heat stress in zebu cattle. <i>Livestock Science</i> , 2015, 182, 83-92.	0.6	62
88	Invited review: An evaluation of the likely effects of individualized feeding of concentrate supplements to pasture-based dairy cows. <i>Journal of Dairy Science</i> , 2015, 98, 1363-1401.	1.4	79
89	Impact of maternal heat stress at insemination on the subsequent reproductive performance of Holstein, Brown Swiss, and their crosses. <i>Theriogenology</i> , 2015, 84, 1523-1529.	0.9	21
90	Reproductive performance of Brown Swiss, Holstein and their crosses under subtropical environmental conditions. <i>Theriogenology</i> , 2015, 84, 559-565.	0.9	24
91	Estimation of genetic parameters for heat stress, including dominance gene effects, on milk yield in Holstein dairy cattle. <i>Animal Science Journal</i> , 2015, 86, 245-250.	0.6	18
92	A comparative study on the expression profile of MCTs and HSPs in Ghungroo and Large White Yorkshire breeds of pigs during different seasons. <i>Cell Stress and Chaperones</i> , 2015, 20, 441-449.	1.2	10
93	Expression profiling of major heat shock protein genes during different seasons in cattle (<i>Bos taurus</i>) Friesian and Jersey breeds. <i>Journal of Animal Science</i> , 2015, 120, 55-64.	1.1	70

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94	Effects of heat stress on serum insulin, adipokines, AMP-activated protein kinase, and heat shock signal molecules in dairy cows. <i>Journal of Zhejiang University: Science B</i> , 2015, 16, 541-548.	1.3	67
95	HSP70 as a marker of heat and humidity stress in Tarai buffalo. <i>Tropical Animal Health and Production</i> , 2015, 47, 111-116.	0.5	46
96	Prostaglandin E synthase interacts with inducible heat shock protein 70 after heat stress in bovine primary dermal fibroblast cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 61-67.	1.1	11
97	The interval between the emergence of pharmacologically synchronized ovarian follicular waves and ovum pickup does not significantly affect <i>in vitro</i> embryo production in <i>Bos indicus</i> , <i>Bos taurus</i> , and <i>Bubalus bubalis</i> . <i>Theriogenology</i> , 2015, 83, 385-393.	0.9	50
98	Expression of HSPs: an adaptive mechanism during long-term heat stress in goats (<i>Capra hircus</i>). <i>International Journal of Biometeorology</i> , 2015, 59, 1095-1106.	1.3	57
99	Impact of simulated heat stress on growth, physiological adaptability, blood metabolites and endocrine responses in Malpura ewes under semiarid tropical environment. <i>Animal Production Science</i> , 2015, 55, 766.	0.6	54
100	Genomic study of the mammary gland in bovines acclimated to a tropical environment. <i>South African Journal of Animal Sciences</i> , 2016, 46, 1.	0.2	3
101	Association of polymorphisms in growth hormone and leptin candidate genes with live weight traits of Brahman cattle. <i>Genetics and Molecular Research</i> , 2016, 15, .	0.3	7
102	DepressÃo endogÃmica na produÃo de leite no dia do controle de bovinos Gir leiteiro. <i>Pesquisa Agropecuaria Brasileira</i> , 2016, 51, 751-758.	0.9	1
103	Effect of heat shock protein 70 polymorphism on thermotolerance in Tharparkar cattle. <i>Veterinary World</i> , 2016, 9, 113-117.	0.7	36
104	Inbreeding depression in Zebu cattle traits. <i>Journal of Animal Breeding and Genetics</i> , 2016, 133, 523-533.	0.8	30
105	The challenge of genetic selection for heat tolerance: the dairy cattle example. <i>Advances in Animal Biosciences</i> , 2016, 7, 218-222.	1.0	8
106	Drivers of grazing livestock efficiency: how physiology, metabolism, experience and adaptability influence productivity. <i>Journal of Animal Science</i> , 2016, 94, 111-119.	0.2	19
107	Integrating Nutrition and Animal Welfare in Extensive Systems. <i>Animal Welfare</i> , 2016, , 135-163.	1.0	5
108	Differential expression pattern of heat shock protein 70 gene in tissues and heat stress phenotypes in goats during peak heat stress period. <i>Cell Stress and Chaperones</i> , 2016, 21, 645-651.	1.2	51
109	Differences in intramuscular fatty acid profiles among <i>Bos indicus</i> and crossbred <i>Bos taurus</i> – <i>Bos indicus</i> bulls finished on pasture or with concentrate feed in Brazil. <i>Italian Journal of Animal Science</i> , 2016, 15, 10-21.	0.8	15
110	Tropically adapted cattle of Africa: perspectives on potential role of copy number variations. <i>Animal Genetics</i> , 2016, 47, 154-164.	0.6	11
111	Assessment of adaptability of zebu cattle (<i>Bos indicus</i>) breeds in two different climatic conditions: using cytogenetic techniques on genome integrity. <i>International Journal of Biometeorology</i> , 2016, 60, 873-882.	1.3	5

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112	Effect of in vitro zinc supplementation on HSPs expression and Interleukin 10 production in heat treated peripheral blood mononuclear cells of transition Sahiwal and Karan Fries cows. Journal of Thermal Biology, 2016, 56, 68-76.	1.1	22
113	Effect of thermal exposure on physiological adaptability and seminal attributes of rams under semi-arid environment. Journal of Thermal Biology, 2017, 65, 113-118.	1.1	24
114	Expression analysis of Toll like receptors and interleukins in Tharparkar cattle during acclimation to heat stress exposure. Journal of Thermal Biology, 2017, 65, 48-56.	1.1	46
115	The genome landscape of indigenous African cattle. Genome Biology, 2017, 18, 34.	3.8	211
116	Whole genome scan reveals the genetic signature of African Ankole cattle breed and potential for higher quality beef. BMC Genetics, 2017, 18, 11.	2.7	68
117	Cellular thermotolerance is independent of HSF 1 expression in zebu and crossbred non-lactating cattle. International Journal of Biometeorology, 2017, 61, 1687-1693.	1.3	10
118	The functional dynamics of neutrophils during different seasons in zebu cattle. Biological Rhythm Research, 2017, 48, 227-237.	0.4	2
119	Expression dynamics of HSP70 during chronic heat stress in Tharparkar cattle. International Journal of Biometeorology, 2017, 61, 1017-1027.	1.3	47
120	Causes of declining fertility in dairy cows during the warm season. Theriogenology, 2017, 91, 145-153.	0.9	74
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122	Gene expression profile in heat-shocked Holstein and Nelore oocytes and cumulus cells. Reproduction, Fertility and Development, 2017, 29, 1787.	0.1	20
123	Effect of season on follicular population, quality and nuclear maturation of bovine oocytes under tropical conditions. Animal Reproduction Science, 2017, 187, 47-53.	0.5	3
124	Hair coat characteristics and thermophysiological stress response of Nguni and Boran cows raised under hot environmental conditions. International Journal of Biometeorology, 2017, 61, 2183-2194.	1.3	9
125	Exploring evidence of positive selection signatures in cattle breeds selected for different traits. Mammalian Genome, 2017, 28, 528-541.	1.0	71
126	Invited review: Effects of heat stress on dairy cattle welfare. Journal of Dairy Science, 2017, 100, 8645-8657.	1.4	465
127	Differences in innate and adaptive immune response traits of Pahari (Indian non-descript indigenous) Tj ETQq1 1 0.784314 rgBT /Over to 0,5	0.5	5
128	Changes in biochemical proxy indicators for nutritional stress resilience from Boran and Nguni cows reared in dry arid rangeland. Tropical Animal Health and Production, 2017, 49, 1383-1392.	0.5	6
129	Different thermotolerances in in vitro produced embryos derived from different maternal and paternal genetic backgrounds. Animal Science Journal, 2017, 88, 1934-1942.	0.6	5

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130	Whole genome detection of signature of positive selection in African cattle reveals selection for thermotolerance. <i>Animal Science Journal</i> , 2017, 88, 1889-1901.	0.6	91
131	Effects of cytoplasts from Taiwan native yellow cattle on the cellular antioxidant ability of cloned Holstein cattle and their offspring. <i>Theriogenology</i> , 2017, 103, 76-82.	0.9	2
132	The potential effect of temperature-humidity index on productive and reproductive performance of buffaloes with different genotypes under hot conditions. <i>Environmental Science and Pollution Research</i> , 2017, 24, 18073-18082.	2.7	23
133	Thermotolerance, health profile and cellular expression of HSP90AB1 in Nguni and Boran cows raised on natural pastures under tropical conditions. <i>Journal of Thermal Biology</i> , 2017, 69, 85-94.	1.1	22
134	Association of MITF loci with coat color spotting patterns in Ethiopian cattle. <i>Genes and Genomics</i> , 2017, 39, 285-293.	0.5	7
135	Cattle phenotypes can disguise their maternal ancestry. <i>BMC Genetics</i> , 2017, 18, 59.	2.7	15
136	Effect of season and breed group on the follicular population and cyclicity of heifers under tropical conditions. <i>Tropical Animal Health and Production</i> , 2017, 49, 207-211.	0.5	5
137	Cellular thermotolerance is inheritable from Holstein cattle cloned with ooplasts of Taiwan native yellow cattle. <i>Theriogenology</i> , 2017, 88, 244-253.	0.9	2
138	Expression of HSP70 genes in skin of zebu (Tharparkar) and crossbred (Karan Fries) cattle during different seasons under tropical climatic conditions. <i>Journal of Thermal Biology</i> , 2017, 63, 58-64.	1.1	25
139	BREEDING AND GENETICS SYMPOSIUM:Breeding heat tolerant dairy cattle: the case for introgression of the "lick" prolactin receptor variant into <i>Bos taurus</i> dairy breeds1. <i>Journal of Animal Science</i> , 2017, 95, 1788-1800.	0.2	21
140	Milk Production and Composition in Ruminants Under Heat Stress. , 2017, , 97-109.		3
141	Barbari Goats: Current Status. , 2017, , 29-40.		2
142	Cows exposed to heat stress during fetal life exhibit improved thermal tolerance1. <i>Journal of Animal Science</i> , 2017, 95, 3497-3503.	0.2	22
143	Thermotolerance in Domestic Ruminants: A HSP70 Perspective. <i>Heat Shock Proteins</i> , 2017, , 3-35.	0.2	10
144	Expression Dynamics of Heat Shock Proteins (HSP) in Livestock under Thermal Stress. <i>Heat Shock Proteins</i> , 2017, , 37-79.	0.2	2
145	Reducing rumen starch fermentation of wheat with three percent sodium hydroxide has the potential to ameliorate the effect of heat stress in grain-fed wethers1,2. <i>Journal of Animal Science</i> , 2017, 95, 5547-5562.	0.2	19
146	Signatures of Selection for Environmental Adaptation and Zebu \times Taurine Hybrid Fitness in East African Shorthorn Zebu. <i>Frontiers in Genetics</i> , 2017, 8, 68.	1.1	133
147	A fine structure genetic analysis evaluating ecoregional adaptability of a <i>Bos taurus</i> breed (Hereford). <i>PLoS ONE</i> , 2017, 12, e0176474.	1.1	20

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148	Studies of adaptive traits of Bali cattle in Buleleng district, Bali and Barru district, South Sulawesi. AIP Conference Proceedings, 2017, , .	0.3	1
149	Management and phenotypic features of indigenous cattle in Rwanda. International Journal of Livestock Production, 2017, 8, 95-112.	0.6	13
150	Genetic polymorphism in Hsp90AA1 gene is associated with the thermotolerance in Chinese Holstein cows. Cell Stress and Chaperones, 2018, 23, 639-651.	1.2	15
151	Distribution of single nucleotide polymorphisms and protein domain architecture of toll-like receptor-2 in Pahari cattle (Indian non-descript indigenous breed). Research in Veterinary Science, 2018, 117, 144-149.	0.9	4
152	Differential level of oxidative stress markers in skin tissue of zebu and crossbred cattle during thermal stress. Livestock Science, 2018, 207, 45-50.	0.6	18
153	Genetic Architecture and Selection of Chinese Cattle Revealed by Whole Genome Resequencing. Molecular Biology and Evolution, 2018, 35, 688-699.	3.5	97
154	Thermal equilibrium of Nelore cattle in tropical conditions: an investigation of circadian pattern. Journal of Thermal Biology, 2018, 74, 317-324.	1.1	19
155	Conservation of coding and untranslated regions of heat shock protein Beta-1 (HSPB1) gene and its expression pattern in heat stressed peripheral blood mononuclear cells of Indian native cattle (Bos Tj ETQq1 1 0.7848 14 rgB0 /Overlock	1.2	14
156	Microbiota composition, gene pool and its expression in Gir cattle (Bos indicus) rumen under different forage diets using metagenomic and metatranscriptomic approaches. Systematic and Applied Microbiology, 2018, 41, 374-385.	1.2	29
157	Thermal balance of Nelore cattle. International Journal of Biometeorology, 2018, 62, 723-731.	1.3	23
158	Impact of season on haematological and biochemical parameters of crossbred female calves in hot and humid tropics. Biological Rhythm Research, 2018, 49, 267-275.	0.4	7
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165	Heat stress affects prostaglandin synthesis in bovine endometrial cells. Journal of Reproduction and Development, 2018, 64, 311-317.	0.5	19

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168	Plant Selection and Performance of Two Cattle Types and Camels on Semiarid Rangelands in Kenya. <i>Rangeland Ecology and Management</i> , 2018, 71, 798-806.	1.1	1
169	Relationship of weight gain with infrared temperatures in Nelore and F1 (Nelore × Angus) heifers reared in two forage production systems. <i>Journal of Animal Science</i> , 2018, 96, 4002-4011.	0.2	6
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226	Automated Monitoring of Panting for Feedlot Cattle: Sensor System Accuracy and Individual Variability. <i>Animals</i> , 2020, 10, 1518.	1.0	15
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230	Use of embryo transfer to alleviate infertility caused by heat stress. <i>Theriogenology</i> , 2020, 155, 1-11.	0.9	31
231	Photoperiod effects on carcass traits, meat quality, and stress response in heart and lung of broilers. <i>South African Journal of Animal Sciences</i> , 2020, 50, 138-149.	0.2	10
232	Whole genome characterization of autochthonous <i>Bos taurus brachyceros</i> and introduced <i>Bos indicus indicus</i> cattle breeds in Cameroon regarding their adaptive phenotypic traits and pathogen resistance. <i>BMC Genetics</i> , 2020, 21, 64.	2.7	7
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244	Single nucleotide polymorphisms at heat shock protein 90 gene and their association with thermo-tolerance potential in selected indigenous Nigerian cattle. <i>Tropical Animal Health and Production</i> , 2020, 52, 1961-1970.	0.5	11
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246	Cattle adapted to tropical and subtropical environments: genetic and reproductive considerations. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	20
247	The effect of Brahman genes on body temperature plasticity of heifers on pasture under heat stress. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	10
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264	Novel and known miRNAs in zebu (<i>Tharparkar</i>) and crossbred (<i>Karan-Fries</i>) cattle under heat stress. <i>Functional and Integrative Genomics</i> , 2021, 21, 405-419.	1.4	2
265	Tropical Beef: Is There an Axiomatic Basis to Define the Concept?. <i>Foods</i> , 2021, 10, 1025.	1.9	10
266	Delineation of temperature-humidity index (THI) as indicator of heat stress in riverine buffaloes (<i>Bubalus bubalis</i>) of a sub-tropical Indian region. <i>Cell Stress and Chaperones</i> , 2021, 26, 657-669.	1.2	6
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269	Distinctive gene expression patterns and imprinting signatures revealed in reciprocal crosses between cattle sub-species. <i>BMC Genomics</i> , 2021, 22, 410.	1.2	4
270	The upper temperature thresholds of life. <i>Lancet Planetary Health</i> , The, 2021, 5, e378-e385.	5.1	41
272	Use of radio-frequency identification technology to assess the frequency of cattle visits to mineral feeders. <i>Tropical Animal Health and Production</i> , 2021, 53, 341.	0.5	5
273	Genome-wide diversity analysis for signatures of selection of <i>Bos indicus</i> adaptability under extreme agro-climatic conditions of temperate and tropical ecosystems. <i>Animal Gene</i> , 2021, 20, 200115.	0.2	9
274	Changthangi Pashmina Goat Genome: Sequencing, Assembly, and Annotation. <i>Frontiers in Genetics</i> , 2021, 12, 695178.	1.1	0
275	Daily vaginal temperature in Girolando cows from three different genetic composition under natural heat stress. <i>Translational Animal Science</i> , 2021, 5, txab138.	0.4	3

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278	New loci and neuronal pathways for resilience to heat stress in cattle. <i>Scientific Reports</i> , 2021, 11, 16619.	1.6	35
279	Environmental temperature and relative humidity differently affect the sperm characteristics in Brown Swiss and Belgian Blue bulls. <i>International Journal of Biometeorology</i> , 2021, 65, 2189-2199.	1.3	5
281	In silico genomic and proteomic analyses of three heat shock proteins (HSP70, HSP90- α , and HSP90- β) in even-toed ungulates. <i>Electronic Journal of Biotechnology</i> , 2021, 53, 61-70.	1.2	16
282	The Quest for Genes Involved in Adaptation to Climate Change in Ruminant Livestock. <i>Animals</i> , 2021, 11, 2833.	1.0	18
283	The distribution of a missense mutation in SDK1 gene across native Chinese breeds. <i>Animal Biotechnology</i> , 2021, , 1-4.	0.7	1
284	Effect of heat stress on ingestive, digestive, ruminal and physiological parameters of Nellore cattle feeding low- or high-energy diets. <i>Livestock Science</i> , 2021, 252, 104676.	0.6	14
285	Foraging behavior and body temperature of heritage vs. commercial beef cows in relation to desert ambient heat. <i>Journal of Arid Environments</i> , 2021, 193, 104565.	1.2	7
286	Systems biology under heat stress in Indian cattle. <i>Gene</i> , 2021, 805, 145908.	1.0	4
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290	Ruminant Productivity Among Smallholders in a Changing Climate: Adaptation Strategies. , 2021, , 1-41.		2
291	Basic Principles Involved in Adaption of Livestock to Climate Change. , 2012, , 245-261.		9
292	Genes Involved in the Thermal Tolerance of Livestock. , 2012, , 379-410.		7
293	Prospects for gene introgression or gene editing as a strategy for reduction of the impact of heat stress on production and reproduction in cattle. <i>Theriogenology</i> , 2020, 154, 190-202.	0.9	35
294	Heat stress modulates differential response in skin fibroblast cells of native cattle (<i>Bos</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.1	22

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299	Impact of heat stress and hypercapnia on physiological, hematological, and behavioral profile of Tharparkar and Karan Fries heifers. <i>Veterinary World</i> , 2017, 10, 1146-1155.	0.7	8
300	Impact of heat stress and hypercapnia on physiological, hematological, and behavioral profile of Tharparkar and Karan Fries heifers. <i>Veterinary World</i> , 2017, 10, 1149-1155.	0.7	14
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305	Desempenho de doadoras leiteiras mestiças F1 (Gir x Holândas) no sistema de produção in vitro de embriões. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2016, 68, 605-610.	0.1	2
306	Influence of long-term thermal stress on the in vitro maturation on embryo development and Heat Shock Protein abundance in zebu cattle. <i>Animal Reproduction</i> , 2020, 17, e20190085.	0.4	6
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308	Single nucleotide polymorphisms in Heat Shock Protein (HSP) 90AA1 gene and their association with heat tolerance traits in Sahiwal cows. <i>Indian Journal of Animal Research</i> , 2015, , .	0.0	2
309	Respuestas de adaptación al estrés térmico en mamíferos. <i>Revista De Medicina Veterinaria</i> , 2015, , 121.	0.2	10
310	Number of oocytes retrieved per donor during OPU and its relationship with in vitro embryo production and field fertility following embryo transfer. <i>Animal Reproduction</i> , 2017, 14, 635-644.	0.4	33
311	EFFECT OF CLIMATIC CONDITIONS ON BLOOD PLASMA IgG AND LEPTIN PROFILES IN BUFFALOES. <i>Egyptian Journal of Animal Production</i> , 2013, 50, 1-6.	0.1	2
312	Tolerancia al calor y humedad atmosférica de diferentes grupos raciales de ganado bovino. <i>Revista MVZ Cordoba</i> , 0, , .	0.2	3
313	Impact of Different Rearing Systems and Age on Bovans White Layer™s Performance, Egg Quality Traits and Synthesis of Heat Shock Protein 70 kDa. <i>Annals of Animal Science</i> , 2018, 18, 1045-1060.	0.6	7
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