

Anthony J. Parker

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

689
citations

759233

12
h-index

580821

25
g-index

47
all docs

47
docs citations

47
times ranked

792
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant bioactives for ruminant health and productivity. <i>Phytochemistry</i> , 2008, 69, 299-322.	2.9	192
2	Dehydration in stressed ruminants may be the result of a cortisol-induced diuresis. <i>Journal of Animal Science</i> , 2003, 81, 512-519.	0.5	61
3	Quantitative analysis of acid-base balance in <i>Bos indicus</i> steers subjected to transportation of long duration. <i>Journal of Animal Science</i> , 2003, 81, 1434-1439.	0.5	58
4	The effect of transportation on the immune status of <i>Bos indicus</i> steers. <i>Journal of Animal Science</i> , 2005, 83, 2632-2636.	0.5	44
5	Physiological and metabolic effects of prophylactic treatment with the osmolytes glycerol and betaine on <i>Bos indicus</i> steers during long duration transportation. <i>Journal of Animal Science</i> , 2007, 85, 2916-2923.	0.5	38
6	Antioxidant supplementation mitigates DNA damage in boar (<i>Sus scrofa domesticus</i>) spermatozoa induced by tropical summer. <i>PLoS ONE</i> , 2019, 14, e0216143.	2.5	26
7	Tropical summer induces DNA fragmentation in boar spermatozoa: implications for evaluating seasonal infertility. <i>Reproduction, Fertility and Development</i> , 2019, 31, 590.	0.4	26
8	How feasible is it to replace urea with nitrates to mitigate greenhouse gas emissions from extensively managed beef cattle?. <i>Animal Production Science</i> , 2014, 54, 1300.	1.3	24
9	Excess cortisol interferes with a principal mechanism of resistance to dehydration in <i>Bos indicus</i> steers. <i>Journal of Animal Science</i> , 2004, 82, 1037-1045.	0.5	23
10	Revisiting summer infertility in the pig: could heat stress-induced sperm DNA damage negatively affect early embryo development?. <i>Animal Production Science</i> , 2017, 57, 1975.	1.3	19
11	Risk assessment of nitrate and nitrite in feed. <i>EFSA Journal</i> , 2020, 18, e06290.	1.8	16
12	Short-term supplementation with maize increases ovulation rate in goats when dietary metabolizable energy provides requirements for both maintenance and 1.5 times maintenance. <i>Theriogenology</i> , 2017, 89, 97-105.	2.1	13
13	Comparison of follicular dynamics and hormone profiles in Boer goats examined during the breeding and non-breeding seasons in the tropics of Queensland, Australia. <i>Small Ruminant Research</i> , 2015, 125, 93-100.	1.2	11
14	The effect of feeding frequency and dose rate of nitrate supplements on blood haemoglobin fractions in <i>Bos indicus</i> cattle fed Flinders grass (<i>Lseilemia</i> spp.) hay. <i>Animal Production Science</i> , 2016, 56, 1605.	1.3	11
15	<i>Salmonella</i> monitoring programs in Australian feed mills: a retrospective analysis. <i>Australian Veterinary Journal</i> , 2019, 97, 336-342.	1.1	10
16	<i>Salmonella</i> detection in commercially prepared livestock feed and the raw ingredients and equipment used to manufacture the feed: A systematic review and meta-analysis. <i>Preventive Veterinary Medicine</i> , 2022, 198, 105546.	1.9	10
17	Effect of hormonal synchronisation and/or short-term supplementation with maize on follicular dynamics and hormone profiles in goats during the non-breeding season. <i>Animal Reproduction Science</i> , 2016, 171, 87-97.	1.5	9
18	<i>Bos indicus</i> cattle possess greater basal concentrations of HSP27, alpha B-crystallin, and HSP70 in skeletal muscle in vivo compared with <i>Bos taurus</i> cattle. <i>Journal of Animal Science</i> , 2016, 94, 424-429.	0.5	9

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19	A survey of the meat goat industry in Queensland and New South Wales. 2. Herd management, reproductive performance and animal health. <i>Animal Production Science</i> , 2016, 56, 1533.	1.3	9
20	Intranasal oxytocin treatment does not attenuate the hypothalamo-pituitary-adrenal axis in beef heifers subjected to isolation stress or restraint and isolation stress. <i>Domestic Animal Endocrinology</i> , 2020, 70, 106379.	1.6	8
21	Susceptibility of boar spermatozoa to heat stress using in vivo and in vitro experimental models. <i>Tropical Animal Health and Production</i> , 2021, 53, 97.	1.4	7
22	Hypovitaminosis A in extensively grazed beef cattle. <i>Australian Veterinary Journal</i> , 2017, 95, 80-84.	1.1	6
23	Nitrate supplementation has marginal effects on enteric methane production from <i>Bos indicus</i> steers fed Flinders grass (<i>Iseilema</i> spp.) hay, but elevates blood methaemoglobin concentrations. <i>Animal Production Science</i> , 2018, 58, 262.	1.3	6
24	Short communication: pharmacokinetics of oxytocin administered intranasally to beef cattle. <i>Domestic Animal Endocrinology</i> , 2020, 71, 106387.	1.6	5
25	A technique for sampling blood from cattle during transportation. <i>Animal Production Science</i> , 2009, 49, 1068.	1.3	5
26	A survey of the meat goat industry in Queensland and New South Wales. 1. General property information, goat and pasture management. <i>Animal Production Science</i> , 2016, 56, 1520.	1.3	4
27	Treating <i>Bos indicus</i> bulls with rumen transfaunation after 24 hours of transportation does not replete muscle glycogen. <i>Animal Production Science</i> , 2016, 56, 1738.	1.3	4
28	The effect of nitrate supplementation on arterial blood gases, haemoglobin fractions and heart rate in <i>Bos indicus</i> cattle after exercise. <i>Animal Production Science</i> , 2018, 58, 1603.	1.3	4
29	The effect of molasses nitrate lick blocks on supplement intake, bodyweight, condition score, blood methaemoglobin concentration and herd scale methane emissions in <i>Bos indicus</i> cows grazing poor quality forage. <i>Animal Production Science</i> , 2021, 61, 445.	1.3	4
30	Delayed weaning improves the growth of lambs grazing chicory (<i>Cichorium intybus</i>) pastures. <i>Small Ruminant Research</i> , 2021, 204, 106517.	1.2	4
31	Beef cows housed in mud during late gestation have greater net energy requirements compared with cows housed on wood chip bedding. <i>Translational Animal Science</i> , 2022, 6, .	1.1	4
32	The relationship between arterial and venous acid-base measurements in normal <i>Bos indicus</i> steers. <i>Australian Veterinary Journal</i> , 2006, 84, 349-350.	1.1	3
33	Maternal supply of a source of omega-3 fatty acids and methionine during late gestation on the offspring's growth, metabolism, carcass characteristic, and liver's mRNA expression in sheep. <i>Journal of Animal Science</i> , 2022, 100, .	0.5	3
34	The effect of a social facilitator cow on the distance walked and time spent walking by abruptly weaned beef calves. <i>Animal Production Science</i> , 2021, 61, 596.	1.3	2
35	Brief communication: Plasma cortisol concentration is affected by lactation, but not intra-nasal oxytocin treatment, in beef cows. <i>PLoS ONE</i> , 2021, 16, e0249323.	2.5	2
36	Intranasal oxytocin treatment on the day of weaning does not decrease walking behavior or improve plasma metabolites in beef calves placed on pasture. <i>Translational Animal Science</i> , 2021, 5, txab191.	1.1	2

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37	An economic case study of entire male grain-fed beef from a north-western Queensland production system. <i>Animal Production Science</i> , 2011, 51, 570.	1.3	1
38	The timing of the commencement of the breeding season in Boer and rangeland goats raised in the tropics of Queensland, Australia. <i>Small Ruminant Research</i> , 2015, 125, 101-105.	1.2	1
39	Vitamin A deficiency in <i>Bos indicus</i> heifers fed a wheat straw diet cannot be corrected with algae lick blocks or intramuscular injectable retinyl palmitate treatments. <i>Animal Production Science</i> , 2017, 57, 1079.	1.3	1
40	Ghrelin antagonist overrides the mRNA expression of NPY in hypothalamus in feed restricted ewes. <i>PLoS ONE</i> , 2020, 15, e0238465.	2.5	1
41	Ghrelin antagonist regulates metabolic hormone receptors in the hypothalamus of ewes. <i>Small Ruminant Research</i> , 2020, 185, 106091.	1.2	1
42	A comparison of annual forages and stockpiled pasture on the growth and health parameters of grazing fall-born lambs. <i>Small Ruminant Research</i> , 2021, 196, 106335.	1.2	1
43	Oxytocin alters leukogram composition in <i>Bos indicus</i> cattle exposed to short-duration transportation. <i>Animal Production Science</i> , 2021, 61, 1315.	1.3	1
44	Feed and water deprivation has a negative but transient effect on the rumen kinetics of <i>Bos indicus</i> steers. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 670-678.	2.2	0
45	The effects of feeding nitrate on the development of methaemoglobinaemia in sedentary <i>Bos indicus</i> cattle. <i>Animal Production Science</i> , 2021, , .	1.3	0
46	The effects of protein supplementation and pasture maintenance on the growth, parasite burden, and economic return of pasture-raised lambs. <i>Translational Animal Science</i> , 2021, 5, txab113.	1.1	0