David Miller

List of Publications by Year
in descending order

62 papers	1,561 citations	331259 21 h-index	315357 38 g-index
63 all docs	63 docs citations	63 times ranked	1523 citing authors

#	Article	IF	Citations
1	Dietary gamma-aminobutyric acid supplementation does not mitigate stress responses in weaner pigs given adrenocorticotropic hormone and experimentally infected with enterotoxigenic Escherichia coli. Livestock Science, 2022, 256, 104818.	0.6	1
2	Early diagnosis of acute kidney injury subsequent to severe hypotension and fluid resuscitation in anaesthetized dogs. Veterinary Anaesthesia and Analgesia, 2022, , .	0.3	2
3	Ability of different assay platforms to measure renal biomarker concentrations during ischaemia-reperfusion acute kidney injury in dogs. Research in Veterinary Science, 2021, 135, 547-554.	0.9	2
4	Animal welfare indicators for sheep during sea transport: The effect of voyage day and time of day. Applied Animal Behaviour Science, 2021, 238, 105304.	0.8	6
5	Animal welfare indicators for sheep during sea transport: Monitoring health and behaviour. Applied Animal Behaviour Science, 2021, 240, 105354.	0.8	5
6	Serum creatinine is a poor marker of a predicted change in muscle mass in lactating sows. Journal of Animal Physiology and Animal Nutrition, 2021, , .	1.0	2
7	Analytical validation and reference intervals for a commercial multiplex assay to measure five novel biomarkers for acute kidney injury in canine urine. Research in Veterinary Science, 2021, 139, 78-86.	0.9	3
8	Behavioural assessment of sheep is sensitive to level of gastrointestinal parasite infection. Applied Animal Behaviour Science, 2020, 223, 104920.	0.8	8
9	Preliminary Findings on a Novel Behavioural Approach for the Assessment of Pain and Analgesia in Lambs Subject to Routine Husbandry Procedures. Animals, 2020, 10, 1148.	1.0	8
10	A review of dystocia in sheep. Small Ruminant Research, 2020, 192, 106209.	0.6	37
11	Review of Livestock Welfare Indicators Relevant for the Australian Live Export Industry. Animals, 2020, 10, 1236.	1.0	10
12	Varying Opinions about Animal Welfare in the Australian Live Export Industry: A Survey. Animals, 2020, 10, 1864.	1.0	7
13	Do calcium and magnesium deficiencies in reproducing ewes contribute to high lamb mortality?. Animal Production Science, 2020, 60, 733.	0.6	8
14	Increasing dietary tryptophan in conjunction with decreasing other large neutral amino acids increases weight gain and feed intake in weaner pigs regardless of experimental infection with enterotoxigenic Escherichia coli. Journal of Animal Science, 2020, 98, .	0.2	6
15	Validation of a commercial magnetic beadâ€“based multiplex assay for 5 novel biomarkers of acute kidney injury in canine serum. Journal of Veterinary Diagnostic Investigation, 2020, 32, 656-663.	0.5	3
16	Developing an Animal Welfare Assessment Protocol for Livestock Transported by Sea. Animals, 2020, 10, 705.	1.0	20
17	Effect of mucin 4 allele on susceptibility to experimental infection with enterotoxigenic F4 Escherichia coli in pigs fed experimental diets. Journal of Animal Science and Biotechnology, 2019, 10, 56.	2.1	15
18	Technical note: novel delivery methods for an enterotoxigenic Escherichia coli infection model in MUC4-locus sequenced weaner pigs1. Journal of Animal Science, 2019, 97, 4503-4508.	0.2	7

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19	Remote Identification of Sheep with Flystrike Using Behavioural Observations. Animals, 2019, 9, 368.	1.0	4
20	Investigation of interference from synthetic colloids on the performance of a canine neutrophil gelatinaseâ€associated lipocalin immunoassay. Veterinary Clinical Pathology, 2019, 48, 710-715.	0.3	3
21	Characterization of inappetent sheep in a feedlot using radio-tracking technology1. Journal of Animal Science, 2018, 96, 902-911.	0.2	11
22	Molecular characterisation of Salmonella enterica serovar Typhimurium and Campylobacter jejuni faecal carriage by captured rangeland goats. Small Ruminant Research, 2018, 158, 48-53.	0.6	4
23	Is there evidence for a trade-off between sperm competition traits and forelimb musculature in the western grey kangaroo?. Biological Journal of the Linnean Society, 2018, 123, 431-444.	0.7	4
24	Parity Influences the Demeanor of Sows in Group Housing. Journal of Applied Animal Welfare Science, 2018, 21, 17-26.	0.4	2
25	Behavioural assessment of the habituation of feral rangeland goats to an intensive farming system. Applied Animal Behaviour Science, 2018, 199, 1-8.	0.8	11
26	Dual-energy X-ray absorptiometry scans accurately predict differing body fat content in live sheep. Journal of Animal Science and Biotechnology, 2018, 9, 80.	2.1	4
27	Qualitative Behavioural Assessment as a Method to Identify Potential Stressors during Commercial Sheep Transport. Animals, 2018, 8, 209.	1.0	11
28	Salmonella enterica isolates from Western Australian rangeland goats remain susceptible to critically important antimicrobials. Scientific Reports, 2018, 8, 15326.	1.6	8
29	What can the quantitative and qualitative behavioural assessment of videos of sheep moving through an autonomous data capture system tell us about welfare?. Applied Animal Behaviour Science, 2018, 208, 31-39.	0.8	5
30	Cryptosporidium infection is associated with reduced growth and diarrhoea in goats beyond weaning. Veterinary Parasitology, 2018, 260, 30-37.	0.7	16
31	Zoonotic Cryptosporidium and Giardia shedding by captured rangeland goats. Veterinary Parasitology: Regional Studies and Reports, 2017, 7, 32-35.	0.3	9
32	Morphological and molecular characterization of an uninucleated cyst-producing Entamoeba spp. in captured Rangeland goats in Western Australia. Veterinary Parasitology, 2017, 235, 41-46.	0.7	17
33	Morphological and molecular characterization of three Eimeria species from captured rangeland goats in Western Australia. Veterinary Parasitology: Regional Studies and Reports, 2017, 9, 75-83.	0.3	15
34	A quantitative and qualitative approach to the assessment of behaviour of sows upon mixing into group pens with or without a partition. Animal Production Science, 2017, 57, 1916.	0.6	3
35	The contribution of qualitative behavioural assessment to appraisal of livestock welfare. Animal Production Science, 2016, 56, 1569.	0.6	71
36	Dietary stimulation of the endogenous somatotropic axis in weaner and grower-finisher pigs using medium chain triglycerides and cysteamine hydrochloride. Journal of Animal Science and Biotechnology, 2016, 7, 61.	2.1	11

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37	Immunisation against gonadotrophin-releasing hormone (GnRH) reduces agonistic behaviours in male rangeland goats. Animal Production Science, 2016, 56, 1882.	0.6	5
38	Urinary neutrophil gelatinase-associated lipocalin concentration changes after acute haemorrhage and colloid-mediated reperfusion in anaesthetized dogs. Veterinary Anaesthesia and Analgesia, 2016, 43, 262-270.	0.3	12
39	Validating the Use of Qualitative Behavioral Assessment as a Measure of the Welfare of Sheep During Transport. Journal of Applied Animal Welfare Science, 2015, 18, 269-286.	0.4	33
40	Socialising piglets in lactation positively affects their post-weaning behaviour. Applied Animal Behaviour Science, 2014, 158, 23-33.	0.8	42
41	Flooring and driving conditions during road transport influence the behavioural expression of cattle. Applied Animal Behaviour Science, 2013, 143, 18-30.	0.8	32
42	Qualitative Behavioural Assessment of Angus steers during pre-slaughter handling and relationship with temperament and physiological responses. Applied Animal Behaviour Science, 2012, 142, 125-133.	0.8	54
43	Qualitative behavioral assessment of transport-naÃ¯ve and transport-habituated sheep. Journal of Animal Science, 2012, 90, 4523-4535.	0.2	73
44	Adiposity and plane of nutrition influence reproductive neuroendocrine and appetite responses to intracerebroventricular insulin and neuropeptide-Y in sheep. Reproduction, Fertility and Development, 2011, 23, 329.	0.1	6
45	Exposure to non-kin females rapidly affects testicular morphology in non-reproductive male Damaraland mole-rats. Journal of Zoology, 2010, 282, no-no.	0.8	5
46	Interactions between nutrition and reproduction in the management of the mature male ruminant. Animal, 2010, 4, 1214-1226.	1.3	52
47	Photoperiod Influences the Central Effects of Ghrelin on Food Intake, GH and LH Secretion in Sheep. Neuroendocrinology, 2008, 87, 182-192.	1.2	55
48	In utero exposure to low doses of environmental pollutants disrupts fetal ovarian development in sheep. Molecular Human Reproduction, 2008, 14, 269-280.	1.3	105
49	Neuroendocrine and physiological regulation of intake with particular reference to domesticated ruminant animals. Nutrition Research Reviews, 2008, 21, 207-234.	2.1	96
50	Nutritional Influences on Reproductive Neuroendocrine Output: Insulin, Leptin, and Orexigenic Neuropeptide Signaling in the Ovine Hypothalamus. Endocrinology, 2007, 148, 5313-5322.	1.4	17
51	An immunohistochemical study of the localization and developmental expression of ghrelin and its functional receptor in the ovine placenta. Reproductive Biology and Endocrinology, 2007, 5, 25.	1.4	35
52	Blood-Brain Leptin Transport and Appetite and Reproductive Neuroendocrine Responses to Intracerebroventricular Leptin Injection in Sheep: Influence of Photoperiod. Endocrinology, 2006, 147, 4589-4598.	1.4	45
53	Effects of maternal undernutrition during early pregnancy on apoptosis regulators in the ovine fetal ovary. Reproduction, 2006, 131, 113-124.	1.1	47
54	Immunohistochemical evidence for an endocrine/paracrine role for ghrelin in the reproductive tissues of sheep. Reproductive Biology and Endocrinology, 2005, 3, 60.	1.4	65

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55	Leptin actions on the reproductive neuroendocrine axis in sheep. Reproduction Supplement, 2003, 61, 283-97.	0.5	11
56	Seasonal and dose-dependent effects of intracerebroventricular leptin on lh secretion and appetite in sheep. Journal of Endocrinology, 2002, 175, 395-404.	1.2	48
57	Maternal undernutrition alters triiodothyronine concentrations and pituitary response to GnRH in fetal sheep. Journal of Endocrinology, 2002, 173, 449-455.	1.2	50
58	Determinants of the annual pattern of reproduction in mature male Merino and Suffolk sheep: modification of responses to photoperiod by an annual cycle in food supply. Reproduction, Fertility and Development, 2002, 14, 165.	0.1	37
59	The effects of undernutrition, in utero, on reproductive function in adult male and female sheep. Animal Reproduction Science, 2002, 72, 63-71.	0.5	128
60	Effect of maternal undernutrition during pregnancy on early ovarian development and subsequent follicular development in sheep fetuses. Reproduction, 2001, 122, 915-22.	1.1	18
61	Central metabolic messengers and the effects of nutrition on gonadotrophin secretion in sheep. Reproduction, 1998, 112, 347-356.	1.1	45
62	The role of intracerebral insulin in the effect of nutrition on gonadotrophin secretion in mature male sheep. Journal of Endocrinology, 1995, 147, 321-329.	1.2	81