

Brian K Whitlock

List of Publications by Year in descending order

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64
papers

930
citations

394421

19
h-index

501196

28
g-index

66
all docs

66
docs citations

66
times ranked

1086
citing authors

#	ARTICLE	IF	CITATIONS
1	Adeno-Associated Virus Gene Therapy in a Sheep Model of Tayâ€“Sachs Disease. <i>Human Gene Therapy</i> , 2018, 29, 312-326.	2.7	61
2	Effect of body fat mass and nutritional status on 24-hour leptin profiles in ewes. <i>Journal of Animal Science</i> , 2002, 80, 1083-1089.	0.5	55
3	Interaction of Estrogen and Progesterone on Kisspeptin-10-Stimulated Luteinizing Hormone and Growth Hormone in Ovariectomized Cows. <i>Neuroendocrinology</i> , 2008, 88, 212-215.	2.5	43
4	Heritable bovine fetal abnormalities. <i>Theriogenology</i> , 2008, 70, 535-549.	2.1	40
5	Electroejaculation increased vocalization and plasma concentrations of cortisol and progesterone, but not substance P, in beef bulls. <i>Theriogenology</i> , 2012, 78, 737-746.	2.1	40
6	Central role of the melanocortin-4 receptors in appetite regulation after endotoxin1. <i>Journal of Animal Science</i> , 2008, 86, 2557-2567.	0.5	38
7	Short Communication: Relationship Between Body Growth and Mammary Development in Dairy Heifers. <i>Journal of Dairy Science</i> , 2002, 85, 2600-2602.	3.4	36
8	Endotoxin inhibition of luteinizing hormone in sheep. <i>Domestic Animal Endocrinology</i> , 2003, 25, 13-19.	1.6	33
9	Effect of the first GnRH and two doses of PGF2Î± in a 5-day progesterone-based CO-Synch protocol on heifer pregnancy. <i>Theriogenology</i> , 2014, 81, 797-804.	2.1	31
10	Interaction of Kisspeptin and the Somatotropic Axis. <i>Neuroendocrinology</i> , 2010, 92, 178-188.	2.5	30
11	Intracerebroventricular melanin-concentrating hormone stimulates food intake in sheep. <i>Domestic Animal Endocrinology</i> , 2005, 28, 224-232.	1.6	29
12	Pregnancy-associated glycoproteins and pregnancy wastage in cattle. <i>Theriogenology</i> , 2008, 70, 550-559.	2.1	29
13	Effect of Dietary Protein on Prepubertal Mammary Development in Rapidly Growing Dairy Heifers. <i>Journal of Dairy Science</i> , 2002, 85, 1516-1525.	3.4	28
14	TRIENNIAL GROWTH SYMPOSIUM: Neural regulation of feed intake: Modification by hormones, fasting, and disease1,2. <i>Journal of Animal Science</i> , 2011, 89, 1991-2003.	0.5	27
15	Kisspeptin Stimulates Growth Hormone Release by Utilizing Neuropeptide Y Pathways and Is Dependent on the Presence of Ghrelin in the Ewe. <i>Endocrinology</i> , 2017, 158, 3526-3539.	2.8	26
16	Interleukin-1Î² and tumor necrosis factor-Î± mediation of endotoxin action on growth hormone. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 289, E650-E657.	3.5	25
17	Long-term feed intake regulation in sheep is mediated by opioid receptors1. <i>Journal of Animal Science</i> , 2007, 85, 111-117.	0.5	25
18	Regulation of the growth hormone and luteinizing hormone response to endotoxin in sheep. <i>Domestic Animal Endocrinology</i> , 2002, 23, 361-370.	1.6	24

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19	Comparison of penetrating and nonpenetrating captive bolt methods in horned goats. <i>American Journal of Veterinary Research</i> , 2017, 78, 151-157.	0.6	20
20	Distribution and regulation of gonadotropin-releasing hormone, kisspeptin, RF-amide related peptide-3, and dynorphin in the bovine hypothalamus. <i>PeerJ</i> , 2016, 4, e1833.	2.0	19
21	Selected hormonal and neurotransmitter mechanisms regulating feed intake in sheep. <i>Animal</i> , 2010, 4, 1781-1789.	3.3	18
22	Calving location preference and changes in lying and exploratory behavior of preparturient dairy cattle with access to pasture. <i>Journal of Dairy Science</i> , 2020, 103, 5455-5465.	3.4	15
23	Hormone-responsive organoids from domestic mare and endangered Przewalski's horse endometrium. <i>Reproduction</i> , 2020, 160, 819-831.	2.6	15
24	Effect of maternal exercise on calf dry matter intake, weight gain, behavior, and cortisol concentrations at disbudding and weaning. <i>Journal of Dairy Science</i> , 2017, 100, 7390-7400.	3.4	14
25	MODELING FOR COST ANALYSIS OF JOHNE'S DISEASE CONTROL BASED ON EVELISA TESTING. <i>Journal of Biological Systems</i> , 2013, 21, 1340010.	1.4	13
26	Kisspeptin receptor agonist (FTM080) increased plasma concentrations of luteinizing hormone in anestrus ewes. <i>PeerJ</i> , 2015, 3, e1382.	2.0	13
27	Bulls grazing Kentucky 31 tall fescue exhibit impaired growth, semen quality, and decreased semen freezing potential. <i>Theriogenology</i> , 2015, 83, 408-414.	2.1	12
28	Acute and subacute effects of a synthetic kisspeptin analog, C6, on serum concentrations of luteinizing hormone, follicle stimulating hormone, and testosterone in prepubertal bull calves. <i>Theriogenology</i> , 2019, 130, 111-119.	2.1	12
29	Hypothalamic Integration of Nutrient Status and Reproduction in the Sheep. <i>Reproduction in Domestic Animals</i> , 2013, 48, 44-52.	1.4	9
30	Reproduction and beyond, kisspeptin in ruminants. <i>Journal of Animal Science and Biotechnology</i> , 2015, 6, 23.	5.3	9
31	Prevalence of <i>Tritrichomonas foetus</i> in tennessee bulls. <i>Veterinary Parasitology</i> , 2017, 243, 169-175.	1.8	9
32	Physiologic and antinociceptive effects following intramuscular administration of xylazine hydrochloride in combination with tiletamine-zolazepam in llamas. <i>American Journal of Veterinary Research</i> , 2013, 74, 530-534.	0.6	8
33	Leukemia inhibitory factor as a mediator of lipopolysaccharide effects on appetite and selected hormones and metabolites. <i>Journal of Animal Science</i> , 2016, 94, 2789-2797.	0.5	8
34	Effects of stacked wedge pads and chains applied to the forefeet of Tennessee Walking Horses for a five-day period on behavioral and biochemical indicators of pain, stress, and inflammation. <i>American Journal of Veterinary Research</i> , 2018, 79, 21-32.	0.6	8
35	Factors associated with seroprevalence of bovine anaplasmosis in Texas. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2018, 14, 32-40.	0.5	8
36	Dimethyl sulfoxide maintains structure and function of cryopreserved equine endometrial explants. <i>Cryobiology</i> , 2019, 91, 90-96.	0.7	8

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37	Factors associated with seroprevalence of bovine anaplasmosis in Mississippi, USA. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2019, 17, 100301.	0.5	7
38	Seroprevalence of bovine Anaplasmosis in Georgia. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2019, 15, 100258.	0.5	7
39	Acute-phase protein Î±-1-acid glycoprotein is negatively associated with feed intake in postpartum dairy cows. <i>Journal of Dairy Science</i> , 2021, 104, 806-817.	3.4	7
40	Comparative Aspects of the Endotoxin- and Cytokine-Induced Endocrine Cascade Influencing Neuroendocrine Control of Growth and Reproduction in Farm Animals. <i>Reproduction in Domestic Animals</i> , 2008, 43, 317-323.	1.4	6
41	Factors associated with Seroprevalence of <i>Anaplasma marginale</i> in Kentucky cattle. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2018, 13, 212-219.	0.5	6
42	A review of in vivo and in vitro studies of the mare endometrium. <i>Animal Reproduction Science</i> , 2020, 222, 106605.	1.5	6
43	Persian onager (<i>Equus hemionus onager</i>) endometrial explant cryopreservation and in vitro culture. <i>Animal Reproduction Science</i> , 2020, 217, 106459.	1.5	6
44	Control of <i>Salmonella</i> Dublin in a bovine dairy herd. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 2075-2080.	1.6	6
45	Antinociceptive and selected physiological effects of morphine and xylazine on tiletamine-zolazepam anesthesia in llamas. <i>Veterinary Anaesthesia and Analgesia</i> , 2014, 41, 365-371.	0.6	5
46	The Development of a Dimroth Rearrangement Route to AZD8931. <i>Organic Process Research and Development</i> , 2017, 21, 336-345.	2.7	5
47	AAV Gene Therapy Strategies for Lysosomal Storage Disorders with Central Nervous System Involvement. <i>NeuroMethods</i> , 2015, , 265-295.	0.3	5
48	An Alternative Method to Isolate Pharmaceutical Intermediates. <i>Organic Process Research and Development</i> , 2011, 15, 84-90.	2.7	3
49	Trimming and Re-shoeing Results in More Steps per Day and More Time Spent Lying per Day. <i>Journal of Equine Veterinary Science</i> , 2020, 88, 102947.	0.9	3
50	Diseases of the Endocrine System. , 2012, , 231-255.		2
51	Theriogenology Question of the Month. <i>Journal of the American Veterinary Medical Association</i> , 2013, 242, 169-172.	0.5	2
52	Beta-hydroxybutyrate infusion identifies acutely differentially expressed genes related to metabolism and reproduction in the hypothalamus and pituitary of castrated male sheep. <i>Physiological Genomics</i> , 2018, 50, 468-477.	2.3	2
53	Effects of central and peripheral administration of an acute-phase protein, Î±-1-acid-glycoprotein, on feed intake and rectal temperature in sheep. <i>Journal of Animal Science</i> , 2019, 97, 4783-4791.	0.5	2
54	Tarsocrural joint polymyxin B concentrations achieved following intravenous regional limb perfusion of the drug via a saphenous vein to healthy standing horses. <i>American Journal of Veterinary Research</i> , 2019, 80, 1099-1106.	0.6	2

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55	Intravenous infusion of kisspeptin increased serum luteinizing hormone acutely and decreased serum follicle stimulating hormone chronically in prepubertal bull calves. <i>Theriogenology</i> , 2020, 144, 1-7.	2.1	2
56	Effect of oral meloxicam administration on growth performance and behavior of pre-weaning age calves following band castration. <i>Translational Animal Science</i> , 2020, 4, 1082-1090.	1.1	2
57	Assessment of statewide and within-herd seroprevalence of <i>Anaplasma marginale</i> antibodies in 12 <i>Bos taurus</i> and <i>Bos indicus</i> cow herds and the association with sporadic outbreaks of bovine anaplasmosis in Florida. <i>Applied Animal Science</i> , 2021, 37, 689-696.	1.2	2
58	234 QUANTITATION OF BOVINE VIRAL DIARRHEA VIRUS ASSOCIATED WITH SINGLE ZONA PELLUCIDA-INTACT IN VIVO-DERIVED BOVINE EMBRYOS. <i>Reproduction, Fertility and Development</i> , 2007, 19, 233.	0.4	1
59	Rumen-protected arginine alters blood flow parameters and luteinizing hormone concentration in cyclic beef cows consuming toxic endophyte-infected tall fescue seed. <i>Journal of Animal Science</i> , 2017, 95, 1537.	0.5	1
60	40. Amelioration of Neurologic Disease after AAV-Gene Therapy in a Sheep Model of Tay-Sachs Disease. <i>Molecular Therapy</i> , 2013, 21, S17.	8.2	0
61	Uterine Torsion Dystocia Complicated by <i>Perosomus Elumbis</i> in an Angus Calf Associated with a Consanguineous Mating. <i>Case Reports in Veterinary Medicine</i> , 2020, 2020, 1-3.	0.2	0
62	PSX-A-2 Late-Breaking: Acute Endotoxemia May Increase Intercostal Temporary Mechanical Nociception in Wethers. <i>Journal of Animal Science</i> , 2021, 99, 370-371.	0.5	0
63	154 THE QUANTITY OF BOVINE VIRAL DIARRHEA VIRUS ASSOCIATED WITH SINGLE ZONA PELLUCIDA-INTACT IN VITRO-PRODUCED BOVINE EMBRYOS FOLLOWING ARTIFICIAL EXPOSURE. <i>Reproduction, Fertility and Development</i> , 2008, 20, 157.	0.4	0
64	Preparation of Teaser Bulls, Rams, and Bucks. , 2009, , 364-369.		0