

Graham K Barrell

List of Publications by Year in descending order

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54
papers

933
citations

586496

16
h-index

563245

28
g-index

54
all docs

54
docs citations

54
times ranked

880
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of coumestrol content in unirrigated lucerne crops using weather variables. <i>New Zealand Journal of Agricultural Research</i> , 2019, 62, 528-542.	0.9	3
2	Molecular forms of C-type natriuretic peptide in cerebrospinal fluid and plasma reflect differential processing in brain and pituitary tissues. <i>Peptides</i> , 2018, 99, 223-230.	1.2	5
3	Computed tomography provides enhanced techniques for longitudinal monitoring of progressive intracranial volume loss associated with regional neurodegeneration in ovine neuronal ceroid lipofuscinoses. <i>Brain and Behavior</i> , 2018, 8, e01096.	1.0	22
4	Longitudinal In Vivo Monitoring of the CNS Demonstrates the Efficacy of Gene Therapy in a Sheep Model of CLN5 Batten Disease. <i>Molecular Therapy</i> , 2018, 26, 2366-2378.	3.7	54
5	Alfalfa Coumestrol Content in Response to Development Stage, Fungi, Aphids, and Cultivar. <i>Agronomy Journal</i> , 2018, 110, 910-921.	0.9	10
6	Nutrient restriction in early ovine pregnancy stimulates C-type natriuretic peptide production. <i>Reproduction, Fertility and Development</i> , 2017, 29, 575.	0.1	1
7	Dexamethasone increases production of C-type natriuretic peptide in the sheep brain. <i>Journal of Endocrinology</i> , 2017, 235, 15-25.	1.2	6
8	Expression of regulatory neuropeptides in the hypothalamus of red deer (<i>Cervus elaphus</i>) reveals anomalous relationships in the seasonal control of appetite and reproduction. <i>General and Comparative Endocrinology</i> , 2016, 229, 1-7.	0.8	16
9	Effect of conception date and hind nutrition on fetal growth trajectory and gestation length of red deer (<i>Cervus elaphus</i>). <i>Animal Production Science</i> , 2015, 55, 1064.	0.6	5
10	Modification of a method for cannulation of the cisterna magna in sheep to enable chronic collection of cerebrospinal fluid. <i>Laboratory Animals</i> , 2015, 49, 85-87.	0.5	3
11	Sustained increases in plasma C-type natriuretic peptides fail to increase concentrations in cerebrospinal fluid: Evidence from pregnant sheep. <i>Peptides</i> , 2015, 69, 103-108.	1.2	6
12	Hind genotype influences on lactation and calf growth in farmed red deer (<i>Cervus elaphus</i>). <i>Livestock Science</i> , 2014, 170, 172-180.	0.6	1
13	Comparison of analytical and predictive methods for water, protein, fat, sugar, and gross energy in marine mammal milk. <i>Journal of Dairy Science</i> , 2014, 97, 4713-4732.	1.4	27
14	Differential response of C-type natriuretic peptide to estrogen and dexamethasone in adult bone. <i>Steroids</i> , 2014, 87, 1-5.	0.8	6
15	Voluntary food intake of pregnant and non-pregnant red deer hinds. <i>Livestock Science</i> , 2013, 158, 230-239.	0.6	8
16	Influence of calf genotype on dam lactation and calf growth in farmed red deer (<i>Cervus elaphus</i>). <i>Livestock Science</i> , 2013, 157, 289-298.	0.6	3
17	Milk Composition in the Weddell Seal (<i>Leptonychotes weddellii</i>): Evidence for a Functional Role of Milk Carbohydrates in Pinnipeds. <i>Physiological and Biochemical Zoology</i> , 2013, 86, 159-175.	0.6	20
18	Caloric restriction, but not caloric loading, affects circulating fetal and maternal C-type natriuretic peptide concentrations in late ovine gestation. <i>Reproduction, Fertility and Development</i> , 2012, 24, 1063.	0.1	2

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19	Pre-weaning growth of red deer calves is not determined by ability of hinds to produce milk. <i>Animal Production Science</i> , 2012, 52, 507.	0.6	0
20	The trophoblast binucleate cell is the source of maternal circulating C-type natriuretic peptide during ovine pregnancy. <i>Placenta</i> , 2011, 32, 645-650.	0.7	8
21	Energy and protein as nutritional drivers of lactation and calf growth of farmed red deer. <i>Livestock Science</i> , 2011, 140, 8-16.	0.6	13
22	Effect of nutrition on plasma C-type natriuretic peptide forms in adult sheep: evidence for enhanced C-type natriuretic peptide degradation during caloric restriction. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 796-801.	1.5	7
23	Assessment of the production of analgesia induced by application of a rubber ring or local anaesthetic to the antler pedicle of yearling stags. <i>New Zealand Veterinary Journal</i> , 2009, 57, 153-159.	0.4	1
24	C-Type Natriuretic Peptide Forms in Pregnancy: Maternal Plasma Profiles during Ovine Gestation Correlate with Placental and Fetal Maturation. <i>Endocrinology</i> , 2009, 150, 4777-4783.	1.4	13
25	Bovine somatotrophin stimulates milk production in red deer hinds. <i>Animal Production Science</i> , 2009, 49, 619.	0.6	1
26	Effects of a synthetic gonadotrophin-releasing hormone agonist, leuprolide, on rut-associated events in male red deer. <i>Animal Production Science</i> , 2009, 49, 1120.	0.6	5
27	Effect of sex steroids on plasma C-type natriuretic peptide forms: stimulation by oestradiol in lambs and adult sheep. <i>Journal of Endocrinology</i> , 2008, 199, 481-487.	1.2	17
28	Response of plasma CNP forms to acute anabolic and catabolic interventions in growing lambs. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E1395-E1400.	1.8	18
29	CAPD in Sheep following Bilateral Nephrectomy. <i>Peritoneal Dialysis International</i> , 2006, 26, 598-598.	1.1	5
30	Hormonal Correlates of Social Rank in an Asocial Species, the Common Brushtail Possum (<i>Trichosurus vulpecula</i>). <i>Ethology</i> , 2006, 112, 639-648.	0.5	4
31	Absence of a causal relationship between environmental and body temperature in dairy cows (Bos) Tj ETQq1 1 0.784314 rgBT /Overlo	1.1	16
32	Amino-Terminal proCNP: A Putative Marker of Cartilage Activity in Postnatal Growth. <i>Pediatric Research</i> , 2005, 58, 334-340.	1.1	64
33	Detection of food intake in a marine mammal using marine osmolytes and their analogues as dietary biomarkers. <i>Marine Ecology - Progress Series</i> , 2005, 300, 213-228.	0.9	26
34	Suppression of thyroid gland function and its effects on the breeding season of Coopworth ewes. <i>New Zealand Journal of Agricultural Research</i> , 2003, 46, 1-7.	0.9	2
35	Does Cortisol Mediate Endotoxin-Induced Inhibition of Pulsatile Luteinizing Hormone and Gonadotropin-Releasing Hormone Secretion?. <i>Endocrinology</i> , 2002, 143, 3748-3758.	1.4	72
36	Glycine betaine excretion is not directly linked to plasma glucose concentrations in hyperglycaemia. <i>Diabetes Research and Clinical Practice</i> , 2001, 52, 165-169.	1.1	10

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37	Effects of oestradiol implants on musculo-skeletal growth of wether and ewe lambs. <i>New Zealand Journal of Agricultural Research</i> , 2001, 44, 37-46.	0.9	0
38	Importance of Photoperiodic Signal Quality to Entrainment of the Circannual Reproductive Rhythm of the Ewe. <i>Biology of Reproduction</i> , 2000, 63, 769-774.	1.2	48
39	Bone turnover associated with antler growth in red deer (<i>Cervus elaphus</i>). , 1999, 256, 14-19.		58
40	Involvement of serotonergic pathways in the control of luteinizing hormone secretion in red deer hinds. <i>Reproduction, Fertility and Development</i> , 1999, 11, 95.	0.1	3
41	Immunocytochemical localization of oestrogen receptors in perichondrium of antlers in red deer (<i>Cervus elaphus</i>). <i>Reproduction, Fertility and Development</i> , 1999, 11, 189.	0.1	11
42	Effects of exogenous triiodothyronine (T3) and a goitrogen, methylthiouracil (MTU), on thyroid gland function in sheep. <i>Small Ruminant Research</i> , 1998, 30, 49-56.	0.6	3
43	Pulsatile Luteinizing Hormone Secretion in the Ovariectomized, Thyroidectomized Red Deer Hind Following Treatment with Dopaminergic and Opioidergic Agonists and Antagonists. <i>Biology of Reproduction</i> , 1998, 59, 960-968.	1.2	7
44	Effects of thyroidectomy and thyroxine replacement on seasonal reproduction in the red deer hind. <i>Reproduction</i> , 1998, 113, 239-250.	1.1	16
45	Elevation of feed intake in parasite-infected lambs by central administration of a cholecystokinin receptor antagonist. <i>British Journal of Nutrition</i> , 1998, 79, 47-54.	1.2	25
46	Duration of the oestrous cycle and changes in plasma hormone concentrations measured after an induced ovulation in scimitar-horned oryx (<i>Oryx dammah</i>). <i>Journal of Zoology</i> , 1996, 238, 137-148.	0.8	7
47	Anti-fertility effects of oral medroxyprogesterone acetate in rabbits. <i>Reproduction, Fertility and Development</i> , 1996, 8, 1185.	0.1	3
48	Targeting Gene Expression to the Wool Follicle in Transgenic Sheep. <i>Nature Biotechnology</i> , 1996, 14, 181-184.	9.4	17
49	Regional distribution of estradiol receptors in growing antlers. <i>Steroids</i> , 1994, 59, 490-492.	0.8	9
50	Thyroid hormones are required for the expression of seasonal changes in red deer (<i>Cervus elaphus</i>) stags. <i>Reproduction, Fertility and Development</i> , 1994, 6, 187.	0.1	26
51	Seasonal Changes of Gonadotropin-Releasing Hormone Secretion in the Ewe. <i>Biology of Reproduction</i> , 1992, 46, 1130-1135.	1.2	113
52	An enzyme linked immunosorbent assay (ELISA) for plasma medroxyprogesterone acetate (MPA). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1992, 42, 179-183.	1.2	18
53	Role of the Thyroid Gland in Seasonal Reproduction. III. Thyroidectomy Blocks Seasonal Suppression of Gonadotropin-Releasing Hormone Secretion in Sheep*. <i>Endocrinology</i> , 1991, 129, 1635-1643.	1.4	86
54	Major lymph nodes of the head of the fallow deer (<i>Dama dama</i>) and lymphatic drainage of antlers. <i>Australian Veterinary Journal</i> , 1990, 67, 406-407.	0.5	3