

Aaron B Ingham

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,834
citations

304602

22
h-index

175177

52
g-index

59
all docs

59
docs citations

59
times ranked

4203
citing authors

#	ARTICLE	IF	CITATIONS
1	Fleece rot in sheep: a review of pathogenesis, aetiology, resistance and vaccines. <i>Animal Production Science</i> , 2022, 62, 201-215.	0.6	4
2	Fleece rot and dermatophilosis (lumpy wool) in sheep: opportunities and challenges for new vaccines. <i>Animal Production Science</i> , 2022, 62, 301-320.	0.6	2
3	Dermatophilosis (lumpy wool) in sheep: a review of pathogenesis, aetiology, resistance and vaccines. <i>Animal Production Science</i> , 2022, 62, 101.	0.6	3
4	Development of Angus SteerSELECT: a genomic-based tool to identify performance differences of Australian Angus steers during feedlot finishing: Phase 1 validation. <i>Animal Production Science</i> , 2021, 61, 1884-1892.	0.6	7
5	ImmuneDEX: updated genomic estimates of genetic parameters and breeding values for Australian Angus cattle. <i>Animal Production Science</i> , 2021, 61, 1919-1924.	0.6	3
6	ImmuneDEX: a strategy for the genetic improvement of immune competence in Australian Angus cattle. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	11
7	In-situ classification of cattle behavior using accelerometry data. <i>Computers and Electronics in Agriculture</i> , 2021, 183, 106045.	3.7	33
8	Bias, dispersion, and accuracy of genomic predictions for feedlot and carcass traits in Australian Angus steers. <i>Genetics Selection Evolution</i> , 2021, 53, 77.	1.2	7
9	Associations between immune competence phenotype and feedlot health and productivity in Angus cattle. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	6
10	Inclusion of features derived from a mixture of time window sizes improved classification accuracy of machine learning algorithms for sheep grazing behaviours. <i>Computers and Electronics in Agriculture</i> , 2020, 179, 105857.	3.7	16
11	Automatic detection of parturition in pregnant ewes using a three-axis accelerometer. <i>Computers and Electronics in Agriculture</i> , 2020, 173, 105392.	3.7	10
12	346 Sensor-Determined Behaviors and Pasture Intake Estimation in Extensive Grazing Systems. <i>Journal of Animal Science</i> , 2020, 98, 78-79.	0.2	0
13	Immune competence traits assessed during the stress of weaning are heritable and favorably genetically correlated with temperament traits in Angus cattle ¹ . <i>Journal of Animal Science</i> , 2019, 97, 4053-4065.	0.2	23
14	Transcriptome analysis unraveled potential mechanisms of resistance to <i>Haemonchus contortus</i> infection in Merino sheep populations bred for parasite resistance. <i>Veterinary Research</i> , 2019, 50, 7.	1.1	28
15	Beef production simulation of nitrate and lipid supplements for pasture and rangeland fed enterprises. <i>Agricultural Systems</i> , 2019, 170, 19-27.	3.2	0
16	Quantification of differences in resistance to gastrointestinal nematode infections in sheep using a multivariate blood parameter. <i>Veterinary Parasitology</i> , 2019, 270, 31-39.	0.7	7
17	Cattle behaviour classification from collar, halter, and ear tag sensors. <i>Information Processing in Agriculture</i> , 2018, 5, 124-133.	2.9	72
18	An assessment of Walk-over-Weighing to estimate short-term individual forage intake in sheep. <i>Animal</i> , 2018, 12, 1174-1181.	1.3	12

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19	Use of sensor-determined behaviours to develop algorithms for pasture intake by individual grazing cattle. <i>Crop and Pasture Science</i> , 2017, 68, 1091.	0.7	48
20	The AusBeef model for beef production: I. Description and evaluation. <i>Journal of Agricultural Science</i> , 2017, 155, 1442-1458.	0.6	4
21	The AusBeef model for beef production: II. sensitivity analysis. <i>Journal of Agricultural Science</i> , 2017, 155, 1459-1474.	0.6	3
22	A comparison of transcriptomic patterns measured in the skin of Chinese fine and coarse wool sheep breeds. <i>Scientific Reports</i> , 2017, 7, 14301.	1.6	14
23	Development and application of a livestock phenomics platform to enhance productivity and efficiency at pasture. <i>Animal Production Science</i> , 2016, 56, 1299.	0.6	27
24	A study of sensor derived features in cattle behaviour classification models. , 2015, , .		12
25	Phenobarbital Induction and Chemical Synergism Demonstrate the Role of UDP-Glucuronosyltransferases in Detoxification of Naphthalophos by <i>Haemonchus contortus</i> Larvae. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 7475-7483.	1.4	22
26	Cloning and tissue distribution of novel splice variants of the ovine ghrelin gene. <i>BMC Veterinary Research</i> , 2014, 10, 211.	0.7	7
27	Sensory Rewiring in an Echolocator: Genome-Wide Modification of Retinogenic and Auditory Genes in the Bat <i>Myotis davidii</i> . <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1825-1835.	0.8	5
28	RNF14 is a regulator of mitochondrial and immune function in muscle. <i>BMC Systems Biology</i> , 2014, 8, 10.	3.0	6
29	A one shot blood phenotype can identify sheep that resist <i>Haemonchus contortus</i> challenge. <i>Veterinary Parasitology</i> , 2014, 205, 595-605.	0.7	10
30	The sheep genome illuminates biology of the rumen and lipid metabolism. <i>Science</i> , 2014, 344, 1168-1173.	6.0	436
31	Understanding parasitic infection in sheep to design more efficient animal selection strategies. <i>Veterinary Journal</i> , 2013, 197, 143-152.	0.6	9
32	Proteomic analysis of the abomasal mucosal response following infection by the nematode, <i>Haemonchus contortus</i> , in genetically resistant and susceptible sheep. <i>Journal of Proteomics</i> , 2012, 75, 2141-2152.	1.2	24
33	Molecular cloning and characterisation of ovine dual oxidase 2. <i>Gene</i> , 2012, 500, 40-46.	1.0	2
34	The RIPK2 gene: a positional candidate for tick burden supported by genetic associations in cattle and immunological response of knockout mouse. <i>Immunogenetics</i> , 2012, 64, 379-388.	1.2	9
35	<i>Trichostrongylus colubriformis</i> larvae induce necrosis and release of IL33 from intestinal epithelial cells in vitro: Implications for gastrointestinal nematode vaccine design. <i>International Journal for Parasitology</i> , 2012, 42, 295-304.	1.3	18
36	Divergent ghrelin expression patterns in sheep genetically resistant or susceptible to gastrointestinal nematodes. <i>Veterinary Parasitology</i> , 2011, 181, 194-202.	0.7	9

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37	Dual oxidase 2 and glutathione peroxidase gene expression are elevated in hyperimmunised sheep challenged with <i>Haemonchus contortus</i> . <i>Veterinary Parasitology</i> , 2011, 179, 113-122.	0.7	6
38	The interplay between evolution, regulation and tissue specificity in the Human Hereditary Diseaseome. <i>BMC Genomics</i> , 2010, 11, S23.	1.2	7
39	A genomics-informed, SNP association study reveals FBLN1 and FABP4 as contributing to resistance to fleece rot in Australian Merino sheep. <i>BMC Veterinary Research</i> , 2010, 6, 27.	0.7	25
40	Nematode challenge induces differential expression of oxidant, antioxidant and mucous genes down the longitudinal axis of the sheep gut. <i>Parasite Immunology</i> , 2010, 32, 36-46.	0.7	31
41	Selective induction of the Notch ligand Jagged1 in macrophages by soluble egg antigen from <i>Schistosoma mansoni</i> involves ERK signalling. <i>Immunology</i> , 2009, 127, 326-337.	2.0	35
42	Gene expression profiles of <i>BMP4</i> , <i>FGF10</i> and cognate inhibitors, in the skin of foetal Merino sheep, at the time of secondary follicle branching. <i>Experimental Dermatology</i> , 2009, 18, 877-879.	1.4	12
43	The Genome Sequence of Taurine Cattle: A Window to Ruminant Biology and Evolution. <i>Science</i> , 2009, 324, 522-528.	6.0	1,038
44	Mining tissue specificity, gene connectivity and disease association to reveal a set of genes that modify the action of disease causing genes. <i>BioData Mining</i> , 2008, 1, 8.	2.2	32
45	Gastrointestinal nematode challenge induces some conserved gene expression changes in the gut mucosa of genetically resistant sheep. <i>International Journal for Parasitology</i> , 2008, 38, 431-442.	1.3	86
46	Recombinant production of antimicrobial peptides in heterologous microbial systems. <i>Biotechnology and Applied Biochemistry</i> , 2007, 47, 1.	1.4	142
47	Gene expression profiling of Hereford Shorthorn cattle following challenge with <i>Boophilus microplus</i> tick larvae. <i>Australian Journal of Experimental Agriculture</i> , 2007, 47, 1397.	1.0	48
48	Identification and expression of Toll-like receptors 10 in selected bovine and ovine tissues. <i>Veterinary Immunology and Immunopathology</i> , 2006, 109, 23-30.	0.5	148
49	Sequence diversity and rates of molecular evolution between sheep and cattle genes. <i>Animal Genetics</i> , 2006, 37, 171-174.	0.6	35
50	Simultaneous identification of differential gene expression and connectivity in inflammation, adipogenesis and cancer. <i>Bioinformatics</i> , 2006, 22, 2396-2404.	1.8	66
51	Lessons from an estivating frog: sparing muscle protein despite starvation and disuse. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 290, R836-R843.	0.9	35
52	A versatile system for the expression of nonmodified bacteriocins in <i>Escherichia coli</i> . <i>Journal of Applied Microbiology</i> , 2005, 98, 676-683.	1.4	40
53	Highly Conserved Alpha-Toxin Sequences of Avian Isolates of <i>Clostridium perfringens</i> . <i>Journal of Clinical Microbiology</i> , 2004, 42, 1345-1347.	1.8	46
54	The bacteriocin piscicolin 126 retains antilisterial activity in vivo. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 51, 1365-1371.	1.3	32

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55	Attenuation of <i>Actinobacillus pleuropneumoniae</i> by inactivation of <i>aroQ</i> . <i>Veterinary Microbiology</i> , 2002, 84, 263-273.	0.8	13
56	Identification of type 4 fimbriae in <i>Actinobacillus pleuropneumoniae</i> . <i>FEMS Microbiology Letters</i> , 2000, 189, 15-18.	0.7	27
57	A lipase of <i>Aeromonas hydrophila</i> showing nonhemolytic phospholipase C activity. <i>Current Microbiology</i> , 1995, 31, 28-33.	1.0	20