

John C Mcewan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9480044/publications.pdf>

Version: 2024-02-01

142
papers

10,745
citations

41344

49
h-index

33894

99
g-index

151
all docs

151
docs citations

151
times ranked

8930
citing authors

#	ARTICLE	IF	CITATIONS
1	The Genome Sequence of Taurine Cattle: A Window to Ruminant Biology and Evolution. <i>Science</i> , 2009, 324, 522-528.	12.6	1,038
2	Genome-Wide Survey of SNP Variation Uncovers the Genetic Structure of Cattle Breeds. <i>Science</i> , 2009, 324, 528-532.	12.6	746
3	Genome-Wide Analysis of the World's Sheep Breeds Reveals High Levels of Historic Mixture and Strong Recent Selection. <i>PLoS Biology</i> , 2012, 10, e1001258.	5.6	719
4	Highly Prolific Booroola Sheep Have a Mutation in the Intracellular Kinase Domain of Bone Morphogenetic Protein IB Receptor (ALK-6) That Is Expressed in Both Oocytes and Granulosa Cells. <i>Biology of Reproduction</i> , 2001, 64, 1225-1235.	2.7	475
5	The sheep genome illuminates biology of the rumen and lipid metabolism. <i>Science</i> , 2014, 344, 1168-1173.	12.6	436
6	Understanding the relationship between the inbreeding coefficient and multilocus heterozygosity: theoretical expectations and empirical data. <i>Heredity</i> , 2004, 93, 255-265.	2.6	360
7	Methane yield phenotypes linked to differential gene expression in the sheep rumen microbiome. <i>Genome Research</i> , 2014, 24, 1517-1525.	5.5	332
8	Coordinated international action to accelerate genome-to-phenome with FAANG, the Functional Annotation of Animal Genomes project. <i>Genome Biology</i> , 2015, 16, 57.	8.8	331
9	A Genome Wide Survey of SNP Variation Reveals the Genetic Structure of Sheep Breeds. <i>PLoS ONE</i> , 2009, 4, e4668.	2.5	269
10	Two Different Bacterial Community Types Are Linked with the Low-Methane Emission Trait in Sheep. <i>PLoS ONE</i> , 2014, 9, e103171.	2.5	246
11	Genomic scan of selective sweeps in thin and fat tail sheep breeds for identifying of candidate regions associated with fat deposition. <i>BMC Genetics</i> , 2012, 13, 10.	2.7	236
12	Design and Characterization of a 52K SNP Chip for Goats. <i>PLoS ONE</i> , 2014, 9, e86227.	2.5	220
13	Genome-wide association mapping identifies the genetic basis of discrete and quantitative variation in sexual weaponry in a wild sheep population. <i>Molecular Ecology</i> , 2011, 20, 2555-2566.	3.9	217
14	Heritability estimates of methane emissions from sheep. <i>Animal</i> , 2013, 7, 316-321.	3.3	209
15	Selection Signatures in Worldwide Sheep Populations. <i>PLoS ONE</i> , 2014, 9, e103813.	2.5	197
16	Resolving the evolution of extant and extinct ruminants with high-throughput phylogenomics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18644-18649.	7.1	196
17	The sheep genome reference sequence: a work in progress. <i>Animal Genetics</i> , 2010, 41, 449-453.	1.7	173
18	Linkage Disequilibrium in Domestic Sheep. <i>Genetics</i> , 2002, 160, 1113-1122.	2.9	145

#	ARTICLE	IF	CITATIONS
19	Fatty acid synthase effects on bovine adipose fat and milk fat. <i>Mammalian Genome</i> , 2007, 18, 64-74.	2.2	123
20	Construction of relatedness matrices using genotyping-by-sequencing data. <i>BMC Genomics</i> , 2015, 16, 1047.	2.8	122
21	Animal board invited review: genetic possibilities to reduce enteric methane emissions from ruminants. <i>Animal</i> , 2015, 9, 1431-1440.	3.3	119
22	Evidence for the Presence of a Major Gene Influencing Ovulation Rate on the X Chromosome of Sheep. <i>Biology of Reproduction</i> , 1991, 44, 620-624.	2.7	116
23	Linkage disequilibrium over short physical distances measured in sheep using a high-density SNP chip. <i>Animal Genetics</i> , 2014, 45, 754-757.	1.7	113
24	Genome-wide association study for birth weight in Nellore cattle points to previously described orthologous genes affecting human and bovine height. <i>BMC Genetics</i> , 2013, 14, 52.	2.7	111
25	Infertility Due to Bilateral Ovarian Hypoplasia in Sheep Homozygous (FecX1 FecX1) for the Inverdale Prolificacy Gene Located on the X Chromosome. <i>Biology of Reproduction</i> , 1992, 46, 636-640.	2.7	110
26	Signatures of selection in sheep bred for resistance or susceptibility to gastrointestinal nematodes. <i>BMC Genomics</i> , 2014, 15, 637.	2.8	109
27	Breeding sheep in New Zealand that are less reliant on anthelmintics to maintain health and productivity. <i>New Zealand Veterinary Journal</i> , 2001, 49, 236-246.	0.9	103
28	Microarray analysis of selection lines from outbred populations to identify genes involved with nematode parasite resistance in sheep. <i>Physiological Genomics</i> , 2005, 21, 59-69.	2.3	103
29	SNPs for Parentage Testing and Traceability in Globally Diverse Breeds of Sheep. <i>PLoS ONE</i> , 2014, 9, e94851.	2.5	88
30	Genomic application in sheep and goat breeding. <i>Animal Frontiers</i> , 2016, 6, 39-44.	1.7	87
31	Economic values for ewe prolificacy and lamb survival in New Zealand sheep. <i>Livestock Science</i> , 1999, 58, 75-90.	1.2	86
32	Accuracy of genotype imputation in Nelore cattle. <i>Genetics Selection Evolution</i> , 2014, 46, 69.	3.0	86
33	Gene expression profiling of Naïve sheep genetically resistant and susceptible to gastrointestinal nematodes. <i>BMC Genomics</i> , 2006, 7, 42.	2.8	78
34	Using comparative genomics to reorder the human genome sequence into a virtual sheep genome. <i>Genome Biology</i> , 2007, 8, R152.	9.6	77
35	Accuracy of genomic predictions in <i>Bos indicus</i> (Nellore) cattle. <i>Genetics Selection Evolution</i> , 2014, 46, 17.	3.0	77
36	Early stages of myogenesis in a large mammal: Formation of successive generations of myotubes in sheep tibialis cranialis muscle. <i>Journal of Muscle Research and Cell Motility</i> , 1992, 13, 534-550.	2.0	76

#	ARTICLE	IF	CITATIONS
37	A physical map of the bovine genome. <i>Genome Biology</i> , 2007, 8, R165.	9.6	73
38	An examination of positive selection and changing effective population size in Angus and Holstein cattle populations (<i>Bos taurus</i>) using a high density SNP genotyping platform and the contribution of ancient polymorphism to genomic diversity in Domestic cattle. <i>BMC Genomics</i> , 2009, 10, 181.	2.8	72
39	Gene network analysis identifies rumen epithelial cell proliferation, differentiation and metabolic pathways perturbed by diet and correlated with methane production. <i>Scientific Reports</i> , 2016, 6, 39022.	3.3	68
40	Discovery of quantitative trait loci for resistance to parasitic nematode infection in sheep: I. Analysis of outcross pedigrees. <i>BMC Genomics</i> , 2006, 7, 178.	2.8	67
41	Myosin heavy chain composition of single fibres and their origins and distribution in developing fascicles of sheep tibialis cranialis muscles. <i>Journal of Muscle Research and Cell Motility</i> , 1992, 13, 551-572.	2.0	64
42	Repeatability of methane emissions from sheep. <i>Animal Feed Science and Technology</i> , 2011, 166-167, 210-218.	2.2	62
43	Exclusion probabilities for pedigree testing farm animals. <i>Theoretical and Applied Genetics</i> , 1996, 92, 966-975.	3.6	61
44	Phenotypic markers for selection of nematode-resistant sheep. <i>International Journal for Parasitology</i> , 1996, 26, 899-911.	3.1	60
45	On the origin of European sheep as revealed by the diversity of the Balkan breeds and by optimizing population-genetic analysis tools. <i>Genetics Selection Evolution</i> , 2020, 52, 25.	3.0	58
46	Consistent divergence times and allele sharing measured from cross-species application of <sc>SNP</sc> chips developed for three domestic species. <i>Molecular Ecology Resources</i> , 2012, 12, 1145-1150.	4.8	56
47	A High Throughput Single Nucleotide Polymorphism Multiplex Assay for Parentage Assignment in New Zealand Sheep. <i>PLoS ONE</i> , 2014, 9, e93392.	2.5	55
48	Genetic parameters of methane emissions determined using portable accumulation chambers in lambs and ewes grazing pasture and genetic correlations with emissions determined in respiration chambers ¹ . <i>Journal of Animal Science</i> , 2018, 96, 3031-3042.	0.5	55
49	Phylogenetic reconstruction and the identification of ancient polymorphism in the Bovini tribe (<i>Bovidae</i> , <i>Bovinae</i>). <i>BMC Genomics</i> , 2009, 10, 177.	2.8	54
50	Investigations into the GDF8 g+6723G-A polymorphism in New Zealand Texel sheep ¹ . <i>Journal of Animal Science</i> , 2009, 87, 1856-1864.	0.5	52
51	A directed search in the region of GDF8 for quantitative trait loci affecting carcass traits in Texel sheep ¹ . <i>Journal of Animal Science</i> , 2005, 83, 1988-2000.	0.5	49
52	Carcass composition and meat quality differences between pasture-reared ewe and ram lambs. <i>Meat Science</i> , 2005, 71, 383-391.	5.5	49
53	Assessing accuracy of imputation using different SNP panel densities in a multi-breed sheep population. <i>Genetics Selection Evolution</i> , 2016, 48, 71.	3.0	48
54	Prediction of genomic breeding values for growth, carcass and meat quality traits in a multi-breed sheep population using a HD SNP chip. <i>BMC Genetics</i> , 2017, 18, 7.	2.7	48

#	ARTICLE	IF	CITATIONS
55	Neural control of the sequence of expression of myosin heavy chain isoforms in foetal mammalian muscles. <i>Development (Cambridge)</i> , 1989, 107, 751-69.	2.5	48
56	Genetic diversity of a New Zealand multi-breed sheep population and composite breeds™ history revealed by a high-density SNP chip. <i>BMC Genetics</i> , 2017, 18, 25.	2.7	47
57	Genetic parameters for predicted methane production and laser methane detector measurements1. <i>Journal of Animal Science</i> , 2015, 93, 11-20.	0.5	44
58	Large animal models of rare genetic disorders: sheep as phenotypically relevant models of human genetic disease. <i>Orphanet Journal of Rare Diseases</i> , 2015, 10, 107.	2.7	43
59	Estimation of linkage disequilibrium and effective population size in New Zealand sheep using three different methods to create genetic maps. <i>BMC Genetics</i> , 2017, 18, 68.	2.7	43
60	Bone density in sheep: genetic variation and quantitative trait loci localisation. <i>Bone</i> , 2003, 33, 540-548.	2.9	37
61	Genome-Wide DNA Methylation Patterns and Transcription Analysis in Sheep Muscle. <i>PLoS ONE</i> , 2014, 9, e101853.	2.5	37
62	Genetic parameters for various growth, carcass and meat quality traits in a New Zealand sheep population. <i>Small Ruminant Research</i> , 2017, 154, 81-91.	1.2	37
63	Molecular evolution of the Bovini tribe (Bovidae, Bovinae): Is there evidence of rapid evolution or reduced selective constraint in Domestic cattle?. <i>BMC Genomics</i> , 2009, 10, 179.	2.8	33
64	Genomic prediction of breeding values in the New Zealand sheep industry using a 50K SNP chip1. <i>Journal of Animal Science</i> , 2014, 92, 4375-4389.	0.5	33
65	Genome-Wide Mapping of Loci Explaining Variance in Scrotal Circumference in Nellore Cattle. <i>PLoS ONE</i> , 2014, 9, e88561.	2.5	33
66	Genetic parameters for production traits in New Zealand dual-purpose sheep, with an emphasis on dagginess1. <i>Journal of Animal Science</i> , 2012, 90, 1411-1420.	0.5	31
67	Meat quality traits were unaffected by a quantitative trait locus affecting leg composition traits in Texel sheep1. <i>Journal of Animal Science</i> , 2005, 83, 2729-2735.	0.5	30
68	Selection for high or low backfat depth in Coopworth sheep: juvenile traits. <i>Animal Science</i> , 1997, 65, 93-103.	1.3	29
69	Transcriptional profiling of <i>Ovis aries</i> identifies <i>Ovar-DQA1</i> allele frequency differences between nematode-resistant and susceptible selection lines. <i>Physiological Genomics</i> , 2007, 30, 253-261.	2.3	29
70	Imputation of microsatellite alleles from dense SNP genotypes for parentage verification across multiple <i>Bos taurus</i> and <i>Bos indicus</i> breeds. <i>Frontiers in Genetics</i> , 2013, 4, 176.	2.3	29
71	Copy number variants in the sheep genome detected using multiple approaches. <i>BMC Genomics</i> , 2016, 17, 441.	2.8	27
72	Genetically resistant sheep avoid parasites to a greater extent than do susceptible sheep. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1839-1844.	2.6	26

#	ARTICLE	IF	CITATIONS
73	Linkage Disequilibrium Estimation in Low Coverage High-Throughput Sequencing Data. <i>Genetics</i> , 2018, 209, 389-400.	2.9	26
74	Expression of Genes for Appetite-Regulating Peptides in the Hypothalamus of Genetically Selected Lean and Fat Sheep. <i>Neuroendocrinology</i> , 2010, 91, 223-238.	2.5	24
75	Genomic prediction and genome-wide association study for dagginess and host internal parasite resistance in New Zealand sheep. <i>BMC Genomics</i> , 2015, 16, 958.	2.8	24
76	Growth hormone and ghrelin receptor genes are differentially expressed between genetically lean and fat selection lines of sheep. <i>Journal of Animal Science</i> , 2006, 84, 324-331.	0.5	23
77	Expansion of the Bactericidal/Permeability Increasing-like (BPI-like) protein locus in cattle. <i>BMC Genomics</i> , 2007, 8, 75.	2.8	23
78	A restriction enzyme reduced representation sequencing approach for low-cost, high-throughput metagenome profiling. <i>PLoS ONE</i> , 2020, 15, e0219882.	2.5	23
79	Characterization of an X-chromosomal non-mosaic monosomy (59, X0) dairy heifer detected using routinely available single nucleotide polymorphism genotype data ¹ . <i>Journal of Animal Science</i> , 2017, 95, 1042-1049.	0.5	22
80	Establishment of a pipeline to analyse non-synonymous SNPs in <i>Bos taurus</i> . <i>BMC Genomics</i> , 2006, 7, 298.	2.8	21
81	Genomics detects population structure within and between ocean basins in a circumpolar seabird: The white-chinned petrel. <i>Molecular Ecology</i> , 2019, 28, 4552-4572.	3.9	21
82	Integration of molecular and quantitative information in sheep and goat industry breeding programmes. <i>Small Ruminant Research</i> , 2007, 70, 32-41.	1.2	20
83	Genomic breed prediction in New Zealand sheep. <i>BMC Genetics</i> , 2014, 15, 92.	2.7	20
84	Genetic characterisation of protective vaccine responses in sheep using multi-valent <i>Dichelobacter nodosus</i> vaccines. <i>Veterinary Immunology and Immunopathology</i> , 1999, 72, 219-229.	1.2	19
85	Economic benefits in selection for weight and composition of lamb cuts predicted by computer tomography. <i>Livestock Science</i> , 2004, 90, 123-133.	1.2	17
86	Liveweight, fleece weight and prolificacy of Romney ewes carrying the Inverdale prolificacy gene (<i>FecXI</i>) located on the X-chromosome. <i>Livestock Science</i> , 1993, 34, 83-91.	1.2	16
87	Genetic relationships between dagginess, breech bareness, and wool traits in New Zealand dual-purpose sheep ¹ . <i>Journal of Animal Science</i> , 2013, 91, 4578-4588.	0.5	16
88	Genetic parameters of plasma and ruminal volatile fatty acids in sheep fed alfalfa pellets and genetic correlations with enteric methane emissions ¹ . <i>Journal of Animal Science</i> , 2019, 97, 2711-2724.	0.5	16
89	Genomic signatures of inbreeding in a critically endangered parrot, the <i>kākāpō</i> . <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	16
90	Catalase gene is associated with facial eczema disease resistance in sheep. <i>Animal Genetics</i> , 1999, 30, 286-295.	1.7	15

#	ARTICLE	IF	CITATIONS
91	Selection for high or low backfat depth in Coopworth sheep: breeding-ewe traits. <i>Animal Science</i> , 2001, 73, 241-252.	1.3	15
92	An ovine hepatorenal fibrocystic model of a Meckel-like syndrome associated with dysmorphic primary cilia and TMEM67 mutations. <i>Scientific Reports</i> , 2017, 7, 1601.	3.3	15
93	Estimates of genetic parameters for breech strike and potential indirect indicators in sheep. <i>New Zealand Veterinary Journal</i> , 2015, 63, 98-103.	0.9	14
94	Towards genomic selection for facial eczema disease tolerance in the New Zealand sheep industry. <i>Animal Genetics</i> , 2014, 45, 559-564.	1.7	13
95	Across-Experiment Transcriptomics of Sheep Rumen Identifies Expression of Lipid/Oxo-Acid Metabolism and Muscle Cell Junction Genes Associated With Variation in Methane-Related Phenotypes. <i>Frontiers in Genetics</i> , 2018, 9, 330.	2.3	13
96	Liveweight, ovulation rate, and wool growth responses of light and heavy ewes to differential feeding. <i>New Zealand Journal of Crop and Horticultural Science</i> , 1983, 11, 219-224.	0.2	11
97	The effect of liveweight and liveweight change on ewe ovulation rate at 3 successive oestrous cycles. <i>New Zealand Journal of Agricultural Research</i> , 1985, 28, 457-462.	1.6	11
98	Autoradiographic localisation of [3H]-SCH23390 and [3H]-spiperone binding sites in honey bee brain. , 1998, 394, 29-37.		11
99	Exclusion and Genomic Relatedness Methods for Assignment of Parentage Using Genotyping-by-Sequencing Data. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 3239-3247.	1.8	11
100	CYTOLOGICAL MONITORING OF NICKEL SINTER PLANT WORKERS. <i>Annals of the New York Academy of Sciences</i> , 1976, 271, 365-369.	3.8	10
101	Finding disease resistance QTL in sheep. <i>Animal Biotechnology</i> , 1997, 8, 13-22.	1.5	10
102	Application of Low Coverage Genotyping by Sequencing in Selectively Bred Arctic Charr (<i>Salvelinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.8	10
103	GBS Data Identify Pigmentation-Specific Genes of Potential Role in Skin-Photosensitization in Two Tunisian Sheep Breeds. <i>Animals</i> , 2020, 10, 5.	2.3	9
104	Exclusion probabilities for pedigree testing farm animals. <i>Theoretical and Applied Genetics</i> , 1996, 92, 966-975.	3.6	9
105	Future perspectives for the implementation of genetic markers for parasite resistance in sheep. <i>Tropical Biomedicine</i> , 2008, 25, 18-33.	0.7	9
106	Genetic analysis and genomic selection of stayability and productive life in New Zealand ewes1. <i>Journal of Animal Science</i> , 2015, 93, 3268-3277.	0.5	8
107	Characterization of an X-chromosomal non-mosaic monosomy (59, X0) dairy heifer detected using routinely available single nucleotide polymorphism genotype data. <i>Journal of Animal Science</i> , 2017, 95, 1042.	0.5	8
108	Testing the neutral theory of molecular evolution using genomic data: a comparison of the human and bovine transcriptome. <i>Genetics Selection Evolution</i> , 2006, 38, 321.	3.0	7

#	ARTICLE	IF	CITATIONS
109	Inference of transcriptional regulation using gene expression data from the bovine and human genomes. <i>BMC Genomics</i> , 2007, 8, 265.	2.8	7
110	Individual-level correlations of rumen volatile fatty acids with enteric methane emissions for ranking methane yield in sheep fed fresh pasture. <i>Animal Production Science</i> , 2021, 61, 300.	1.3	7
111	Across-country genomic predictions in Norwegian and New Zealand Composite sheep populations with similar development history. <i>Journal of Animal Breeding and Genetics</i> , 2022, 139, 1-12.	2.0	7
112	Natural variation in methane emission of sheep fed on a lucerne pellet diet is unrelated to rumen ciliate community type. <i>Microbiology (United Kingdom)</i> , 2016, 162, 459-465.	1.8	7
113	Sheep from low-methane-yield selection lines created on alfalfa pellets also have lower methane yield under pastoral farming conditions ^{1,2} . <i>Journal of Animal Science</i> , 2017, 95, 3905-3913.	0.5	7
114	The physiological effects of natural variation in growth hormone gene copy number in ram lambs. <i>Domestic Animal Endocrinology</i> , 1997, 14, 381-390.	1.6	6
115	Distribution of prion protein genotypes in breeds of sheep in New Zealand. <i>New Zealand Veterinary Journal</i> , 2007, 55, 222-227.	0.9	6
116	A QTL study of growth and body shape in the inter-species hybrid of Père David's deer (<i>Elaphurus</i>) and Overlook 10 Tf 50	1.7	6
117	Population Connectivity and Traces of Mitochondrial Introgression in New Zealand Black-Billed Gulls (<i>Larus bulleri</i>). <i>Genes</i> , 2018, 9, 544.	2.4	6
118	Heritability of ram mating success in multi-sire breeding situations. <i>Animal</i> , 2019, 13, 917-923.	3.3	6
119	Hitchhiking Mapping of Candidate Regions Associated with Fat Deposition in Iranian Thin and Fat Tail Sheep Breeds Suggests New Insights into Molecular Aspects of Fat Tail Selection. <i>Animals</i> , 2022, 12, 1423.	2.3	6
120	Effect of Cimaterol implants on lamb growth and carcass traits. <i>New Zealand Journal of Agricultural Research</i> , 1990, 33, 413-427.	1.6	5
121	Development of an in situ procedure to evaluate the reticulo-rumen morphology of sheep selected for divergent methane emissions. <i>Animal</i> , 2019, 13, 542-548.	3.3	5
122	Using genotyping-by-sequencing to predict gender in animals. <i>Animal Genetics</i> , 2019, 50, 307-310.	1.7	5
123	Genome-wide selection of discriminant SNP markers for breed assignment in indigenous sheep breeds. <i>Annals of Animal Science</i> , 2021, 21, 807-831.	1.6	5
124	Geographical contrasts of Y-chromosomal haplogroups from wild and domestic goats reveal ancient migrations and recent introgressions. <i>Molecular Ecology</i> , 2022, 31, 4364-4380.	3.9	5
125	Physical mapping of the stearoyl-CoA desaturase (SCD) locus in sheep. <i>Animal Genetics</i> , 2004, 35, 163-163.	1.7	4
126	A multiway analysis for identifying high integrity bovine BACs. <i>BMC Genomics</i> , 2009, 10, 46.	2.8	4

#	ARTICLE	IF	CITATIONS
127	Excreta emissions in progeny of low and high enteric methane yield selection line sheep fed pasture of different qualities. <i>Animal Feed Science and Technology</i> , 2019, 257, 114289.	2.2	4
128	Molecular and bioinformatic strategies for gene discovery for meat traits: a reverse genetics approach. <i>Australian Journal of Experimental Agriculture</i> , 2005, 45, 801.	1.0	3
129	Genome-wide DNA methylation analysis: no evidence for stable hemimethylation in the sheep muscle genome. <i>Animal Genetics</i> , 2015, 46, 185-189.	1.7	3
130	Ovine rumen papillae biopsy via oral endoscopy; a rapid and repeatable method for serial sampling. <i>New Zealand Veterinary Journal</i> , 2016, 64, 174-178.	0.9	3
131	Ovine keratome: identification, localisation and genomic organisation of keratin and keratin-associated proteins. <i>Animal Genetics</i> , 2018, 49, 361-370.	1.7	3
132	Brown adipose tissue in lean and fat selection lines of sheep identified by immunodetection of uncoupling protein in western blots of tissue homogenates. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1989, 94, 493-498.	0.2	2
133	Breeding Low Emitting Ruminants: Predicting Methane from Microbes. <i>Proceedings (mdpi)</i> , 2020, 36, .	0.2	2
134	Generation of a preliminary bovine gene atlas, using expression clustering to annotate gene function. <i>Genetics and Molecular Research</i> , 2009, 8, 1013-1027.	0.2	2
135	Low-cost sample preservation methods for high-throughput processing of rumen microbiomes. <i>Animal Microbiome</i> , 2022, 4, .	3.8	2
136	Comparative mapping of sheep chromosome 2q. <i>Cytogenetic and Genome Research</i> , 2007, 116, 85-92.	1.1	1
137	An entropy-reducing data representation approach for bioinformatic data. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	3.0	1
138	Testing the neutral theory of molecular evolution using genomic data: a comparison of the human and bovine transcriptome. <i>Genetics Selection Evolution</i> , 2006, 38, 321-341.	3.0	1
139	Genetic variation in skin traits in New Zealand lambs. <i>Journal of the Science of Food and Agriculture</i> , 2022, , .	3.5	1
140	Expression of NPY and POMC in the hypothalamic arcuate nucleus of genetically lean and fat sheep. <i>Frontiers in Neuroendocrinology</i> , 2006, 27, 8-9.	5.2	0
141	P3048 Gene network analysis identifies rumen epithelial processes perturbed by diet and correlated with methane production and yield. <i>Journal of Animal Science</i> , 2016, 94, 76-77.	0.5	0
142	Genomic Tools for the Identification of Loci Associated with Facial Eczema in New Zealand Sheep. <i>Genes</i> , 2021, 12, 1560.	2.4	0