

Mathew D Littlejohn

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,249
citations

567144

15
h-index

526166

27
g-index

32
all docs

32
docs citations

32
times ranked

1501
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-additive QTL mapping of lactation traits in 124,000 cattle reveals novel recessive loci. <i>Genetics Selection Evolution</i> , 2022, 54, 5.	1.2	7
2	Pathology of the peripheral neuropathy Charcot-Marie-Tooth disease type 4H in Holstein Friesian cattle with a splice site mutation in <i>FGD4</i> . <i>Veterinary Pathology</i> , 2022, 59, 442-450.	0.8	2
3	Screening for phenotypic outliers identifies an unusually low concentration of a β -lactoglobulin B protein isoform in bovine milk caused by a synonymous SNP. <i>Genetics Selection Evolution</i> , 2022, 54, 22.	1.2	4
4	Non-additive association analysis using proxy phenotypes identifies novel cattle syndromes. <i>Nature Genetics</i> , 2021, 53, 949-954.	9.4	34
5	The genomes of precision edited cloned calves show no evidence for off-target events or increased de novo mutagenesis. <i>BMC Genomics</i> , 2021, 22, 457.	1.2	6
6	Sequence-based genome-wide association study of individual milk mid-infrared wavenumbers in mixed-breed dairy cattle. <i>Genetics Selection Evolution</i> , 2021, 53, 62.	1.2	14
7	A new mechanism for a familiar mutation in bovine DGAT1 K232A modulates gene expression through multi-junction exon splice enhancement. <i>BMC Genomics</i> , 2020, 21, 591.	1.2	15
8	Multiple QTL underlie milk phenotypes at the CSF2RB locus. <i>Genetics Selection Evolution</i> , 2019, 51, 3.	1.2	18
9	Genome-wide association analysis reveals QTL and candidate mutations involved in white spotting in cattle. <i>Genetics Selection Evolution</i> , 2019, 51, 62.	1.2	23
10	Widespread <i>cis</i> -regulation of RNA editing in a large mammal. <i>Rna</i> , 2019, 25, 319-335.	1.6	5
11	Identification of an immune modulation locus utilising a bovine mammary gland infection challenge model. <i>Journal of Dairy Research</i> , 2018, 85, 185-192.	0.7	2
12	Functional confirmation of PLAG1 as the candidate causative gene underlying major pleiotropic effects on body weight and milk characteristics. <i>Scientific Reports</i> , 2017, 7, 44793.	1.6	45
13	DNA and RNA-sequence based GWAS highlights membrane-transport genes as key modulators of milk lactose content. <i>BMC Genomics</i> , 2017, 18, 968.	1.2	47
14	Sequence-based Association Analysis Reveals an MGST1 eQTL with Pleiotropic Effects on Bovine Milk Composition. <i>Scientific Reports</i> , 2016, 6, 25376.	1.6	103
15	NGS-based reverse genetic screen for common embryonic lethal mutations compromising fertility in livestock. <i>Genome Research</i> , 2016, 26, 1333-1341.	2.4	71
16	Expression Variants of the Lipogenic AGPAT6 Gene Affect Diverse Milk Composition Phenotypes in <i>Bos taurus</i> . <i>PLoS ONE</i> , 2014, 9, e85757.	1.1	58
17	Functionally reciprocal mutations of the prolactin signalling pathway define hairy and slick cattle. <i>Nature Communications</i> , 2014, 5, 5861.	5.8	108
18	DNA methylation is correlated with gene expression during early pregnancy in <i>Bos taurus</i> . <i>Physiological Genomics</i> , 2013, 45, 276-286.	1.0	13

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19	Endometrial gene expression during early pregnancy differs between fertile and subfertile dairy cow strains. <i>Physiological Genomics</i> , 2012, 44, 47-58.	1.0	42
20	Genetic variation in <i>PLAG1</i> associates with early life body weight and peripubertal weight and growth in <i>Bos taurus</i> . <i>Animal Genetics</i> , 2012, 43, 591-594.	0.6	73
21	Non-replication of genome-wide based associations of efficient food conversion in dairy cows. <i>Animal Genetics</i> , 2012, 43, 781-784.	0.6	6
22	Variants modulating the expression of a chromosome domain encompassing <i>PLAG1</i> influence bovine stature. <i>Nature Genetics</i> , 2011, 43, 405-413.	9.4	300
23	Modification of endometrial fatty acid concentrations by the pre-implantation conceptus in pasture-fed dairy cows. <i>Journal of Dairy Research</i> , 2011, 78, 263-269.	0.7	11
24	Modulation of the maternal immune system by the pre-implantation embryo. <i>BMC Genomics</i> , 2010, 11, 474.	1.2	112
25	Evaluation of real-time PCR endogenous control genes for analysis of gene expression in bovine endometrium. <i>BMC Molecular Biology</i> , 2009, 10, 100.	3.0	70
26	Ile164 variant of β_2 -adrenoceptor does not influence outcome in heart failure but may interact with β_2 blocker treatment. <i>European Journal of Heart Failure</i> , 2008, 10, 55-59.	2.9	19
27	Determination of β_2 -adrenergic receptor (<i>ADRB2</i>) haplotypes by a multiplexed polymerase chain reaction assay. <i>Human Mutation</i> , 2002, 20, 479-479.	1.1	34