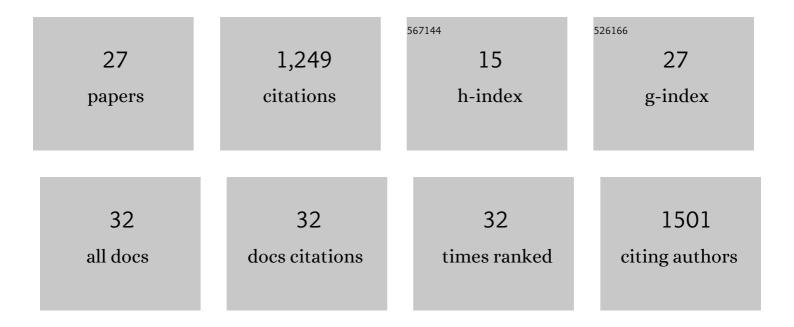
Mathew D Littlejohn

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Variants modulating the expression of a chromosome domain encompassing PLAG1 influence bovine stature. Nature Genetics, 2011, 43, 405-413.	9.4	300
2	Modulation of the maternal immune system by the pre-implantation embryo. BMC Genomics, 2010, 11, 474.	1.2	112
3	Functionally reciprocal mutations of the prolactin signalling pathway define hairy and slick cattle. Nature Communications, 2014, 5, 5861.	5.8	108
4	Sequence-based Association Analysis Reveals an MGST1 eQTL with Pleiotropic Effects on Bovine Milk Composition. Scientific Reports, 2016, 6, 25376.	1.6	103
5	Genetic variation in <i>PLAG1</i> associates with early life body weight and peripubertal weight and growth in <i>Bos taurus</i> . Animal Genetics, 2012, 43, 591-594.	0.6	73
6	NGS-based reverse genetic screen for common embryonic lethal mutations compromising fertility in livestock. Genome Research, 2016, 26, 1333-1341.	2.4	71
7	Evaluation of real-time PCR endogenous control genes for analysis of gene expression in bovine endometrium. BMC Molecular Biology, 2009, 10, 100.	3.0	70
8	Expression Variants of the Lipogenic AGPAT6 Gene Affect Diverse Milk Composition Phenotypes in Bos taurus. PLoS ONE, 2014, 9, e85757.	1.1	58
9	DNA and RNA-sequence based GWAS highlights membrane-transport genes as key modulators of milk lactose content. BMC Genomics, 2017, 18, 968.	1.2	47
10	Functional confirmation of PLAG1 as the candidate causative gene underlying major pleiotropic effects on body weight and milk characteristics. Scientific Reports, 2017, 7, 44793.	1.6	45
11	Endometrial gene expression during early pregnancy differs between fertile and subfertile dairy cow strains. Physiological Genomics, 2012, 44, 47-58.	1.0	42
12	Determination of ?2-adrenergic receptor (ADRB2) haplotypes by a multiplexed polymerase chain reaction assay. Human Mutation, 2002, 20, 479-479.	1.1	34
13	Non-additive association analysis using proxy phenotypes identifies novel cattle syndromes. Nature Genetics, 2021, 53, 949-954.	9.4	34
14	Genome-wide association analysis reveals QTL and candidate mutations involved in white spotting in cattle. Genetics Selection Evolution, 2019, 51, 62.	1.2	23
15	lle164 variant of β2â€adrenoceptor does not influence outcome in heart failure but may interact with β blocker treatment. European Journal of Heart Failure, 2008, 10, 55-59.	2.9	19
16	Multiple QTL underlie milk phenotypes at the CSF2RB locus. Genetics Selection Evolution, 2019, 51, 3.	1.2	18
17	A new mechanism for a familiar mutation – bovine DGAT1 K232A modulates gene expression through multi-junction exon splice enhancement. BMC Genomics, 2020, 21, 591.	1.2	15
18	Sequence-based genome-wide association study of individual milk mid-infrared wavenumbers in mixed-breed dairy cattle. Genetics Selection Evolution, 2021, 53, 62.	1.2	14

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#	Article	IF	CITATIONS
19	DNA methylation is correlated with gene expression during early pregnancy in Bos taurus. Physiological Genomics, 2013, 45, 276-286.	1.0	13
20	Modification of endometrial fatty acid concentrations by the pre-implantation conceptus in pasture-fed dairy cows. Journal of Dairy Research, 2011, 78, 263-269.	0.7	11
21	Non-additive QTL mapping of lactation traits in 124,000 cattle reveals novel recessive loci. Genetics Selection Evolution, 2022, 54, 5.	1.2	7
22	Nonâ€replication of genomeâ€wideâ€based associations of efficient food conversion in dairy cows. Animal Genetics, 2012, 43, 781-784.	0.6	6
23	The genomes of precision edited cloned calves show no evidence for off-target events or increased de novo mutagenesis. BMC Genomics, 2021, 22, 457.	1.2	6
24	Widespread <i>cis</i> -regulation of RNA editing in a large mammal. Rna, 2019, 25, 319-335.	1.6	5
25	Screening for phenotypic outliers identifies an unusually low concentration of a β-lactoglobulin B protein isoform in bovine milk caused by a synonymous SNP. Genetics Selection Evolution, 2022, 54, 22.	1.2	4
26	Identification of an immune modulation locus utilising a bovine mammary gland infection challenge model. Journal of Dairy Research, 2018, 85, 185-192.	0.7	2
27	Pathology of the peripheral neuropathy Charcot-Marie-Tooth disease type 4H in Holstein Friesian cattle with a splice site mutation in <i>FGD4</i> . Veterinary Pathology, 2022, 59, 442-450.	0.8	2