

# Mathew D Littlejohn

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1937584/publications.pdf>

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	Variants modulating the expression of a chromosome domain encompassing PLAG1 influence bovine stature. <i>Nature Genetics</i> , 2011, 43, 405-413.	9.4	300
2	Modulation of the maternal immune system by the pre-implantation embryo. <i>BMC Genomics</i> , 2010, 11, 474.	1.2	112
3	Functionally reciprocal mutations of the prolactin signalling pathway define hairy and slick cattle. <i>Nature Communications</i> , 2014, 5, 5861.	5.8	108
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	Determination of $\beta$ 2-adrenergic receptor (ADRB2) haplotypes by a multiplexed polymerase chain reaction assay. <i>Human Mutation</i> , 2002, 20, 479-479.	1.1	34
13	Non-additive association analysis using proxy phenotypes identifies novel cattle syndromes. <i>Nature Genetics</i> , 2021, 53, 949-954.	9.4	34
14	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
15	Ile164 variant of $\beta$ 2-adrenoceptor does not influence outcome in heart failure but may interact with $\beta$ 2 blocker treatment. <i>European Journal of Heart Failure</i> , 2008, 10, 55-59.	2.9	19
16	Multiple QTL underlie milk phenotypes at the CSF2RB locus. <i>Genetics Selection Evolution</i> , 2019, 51, 3.	1.2	18
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	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
24	Widespread <i>cis</i> -regulation of RNA editing in a large mammal. <i>Rna</i> , 2019, 25, 319-335.	1.6	5
25	Screening for phenotypic outliers identifies an unusually low concentration of a $\beta^2$ -lactoglobulin B protein isoform in bovine milk caused by a synonymous SNP. <i>Genetics Selection Evolution</i> , 2022, 54, 22.	1.2	4
26	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
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> . <i>Veterinary Pathology</i> , 2022, 59, 442-450.	0.8	2