

Thomas John Lopdell

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

518
citations

932766

10
h-index

1125271

13
g-index

17
all docs

17
docs citations

17
times ranked

589
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionally reciprocal mutations of the prolactin signalling pathway define hairy and slick cattle. <i>Nature Communications</i> , 2014, 5, 5861.	5.8	108
2	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
3	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
4	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
5	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
6	Leveraging genetically simple traits to identify small-effect variants for complex phenotypes. <i>BMC Genomics</i> , 2016, 17, 858.	1.2	42
7	Non-additive association analysis using proxy phenotypes identifies novel cattle syndromes. <i>Nature Genetics</i> , 2021, 53, 949-954.	9.4	34
8	Multiple QTL underlie milk phenotypes at the CSF2RB locus. <i>Genetics Selection Evolution</i> , 2019, 51, 3.	1.2	18
9	Short communication: Identification of the pseudoautosomal region in the Hereford bovine reference genome assembly ARS-UCD1.2. <i>Journal of Dairy Science</i> , 2019, 102, 3254-3258.	1.4	18
10	Bovine mammary gland X chromosome inactivation. <i>Journal of Dairy Science</i> , 2017, 100, 5491-5500.	1.4	15
11	A new mechanism for a familiar mutation “ bovine DGAT1 K232A modulates gene expression through multi-junction exon splice enhancement. <i>BMC Genomics</i> , 2020, 21, 591.	1.2	15
12	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
13	Widespread <i>cis</i> -regulation of RNA editing in a large mammal. <i>Rna</i> , 2019, 25, 319-335.	1.6	5