

Dominique Rocha

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,350
citations

471509

17
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

2625
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-genome sequencing of 234 bulls facilitates mapping of monogenic and complex traits in cattle. <i>Nature Genetics</i> , 2014, 46, 858-865.	21.4	697
2	Meta-analysis of genome-wide association studies for cattle stature identifies common genes that regulate body size in mammals. <i>Nature Genetics</i> , 2018, 50, 362-367.	21.4	286
3	Molecular cloning, sequencing and expression of the mRNA encoding human Cdx1 and Cdx2 homeobox. Down-regulation of Cdx1 and Cdx2 mRNA expression during colorectal carcinogenesis. <i>International Journal of Cancer</i> , 1997, 74, 35-44.	5.1	201
4	Differential Gene Expression in the Murine Thymus Assayed by Quantitative Hybridization of Arrayed cDNA Clones. <i>Genomics</i> , 1995, 29, 207-216.	2.9	185
5	Detection of Haplotypes Associated with Prenatal Death in Dairy Cattle and Identification of Deleterious Mutations in GART, SHBG and SLC37A2. <i>PLoS ONE</i> , 2013, 8, e65550.	2.5	137
6	Identification of large intergenic non-coding RNAs in bovine muscle using next-generation transcriptomic sequencing. <i>BMC Genomics</i> , 2014, 15, 499.	2.8	120
7	Within-breed and multi-breed GWAS on imputed whole-genome sequence variants reveal candidate mutations affecting milk protein composition in dairy cattle. <i>Genetics Selection Evolution</i> , 2017, 49, 68.	3.0	111
8	Uncovering Adaptation from Sequence Data: Lessons from Genome Resequencing of Four Cattle Breeds. <i>Genetics</i> , 2016, 203, 433-450.	2.9	93
9	Novel Insights into the Bovine Polled Phenotype and Horn Ontogenesis in Bovidae. <i>PLoS ONE</i> , 2013, 8, e63512.	2.5	78
10	Genome-Wide Study of Structural Variants in Bovine Holstein, MontbÃ©liarde and Normande Dairy Breeds. <i>PLoS ONE</i> , 2015, 10, e0135931.	2.5	52
11	Multi-breed and multi-trait co-association analysis of meat tenderness and other meat quality traits in three French beef cattle breeds. <i>Genetics Selection Evolution</i> , 2016, 48, 37.	3.0	50
12	Genetic Variability and Linkage Disequilibrium Patterns in the Bovine DNAJA1 Gene. <i>Molecular Biotechnology</i> , 2010, 44, 190-197.	2.4	43
13	From hybridization image to numerical values: a practical, high throughput quantification system for high density filter hybridizations. <i>Genetic Analysis, Techniques and Applications</i> , 1996, 12, 151-162.	1.5	41
14	Identification of copy number variation in French dairy and beef breeds using next-generation sequencing. <i>Genetics Selection Evolution</i> , 2017, 49, 77.	3.0	37
15	Gene-based single nucleotide polymorphism discovery in bovine muscle using next-generation transcriptomic sequencing. <i>BMC Genomics</i> , 2013, 14, 307.	2.8	32
16	Commercial pigs: an untapped resource for human obesity research?. <i>Drug Discovery Today</i> , 2006, 11, 475-477.	6.4	27
17	Genetic characterization of the Blonde d'Aquitaine cattle breed using microsatellite markers and relationship with three other French cattle populations. <i>Journal of Animal Breeding and Genetics</i> , 2011, 128, 201-208.	2.0	16
18	Construction of a large collection of small genome variations in French dairy and beef breeds using whole-genome sequences. <i>Genetics Selection Evolution</i> , 2016, 48, 87.	3.0	15

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19	Modulation of mRNA levels in the presence of thymocytes and genome mapping for a set of genes expressed in mouse thymic epithelial cells. <i>Immunogenetics</i> , 1997, 46, 142-151.	2.4	14
20	Usp9y (ubiquitin-specific protease 9 gene on the Y) is associated with a functional promoter and encodes an intact open reading frame homologous to Usp9x that is under selective constraint. <i>Mammalian Genome</i> , 2003, 14, 437-447.	2.2	13
21	Survey of mitochondrial sequences integrated into the bovine nuclear genome. <i>Scientific Reports</i> , 2020, 10, 2077.	3.3	13
22	Concordance analysis for QTL detection in dairy cattle: a case study of leg morphology. <i>Genetics Selection Evolution</i> , 2014, 46, 31.	3.0	12
23	Polymorphism of the Prion Protein in Mammals: A Phylogenetic Approach. <i>Recent Patents on DNA & Gene Sequences</i> , 2009, 3, 63-71.	0.7	9
24	Genetic diversity and selection signatures of the beef <i>Charolais de Cuba</i> ™ breed. <i>Scientific Reports</i> , 2018, 8, 11005.	3.3	9
25	Specific proteins allow classification of pigs according to sire breed, rearing environment and gender. <i>Livestock Science</i> , 2009, 122, 119-129.	1.6	8
26	Chromosomal assignment of the porcine NALP5 gene, a candidate gene for female reproductive traits. <i>Animal Reproduction Science</i> , 2009, 112, 397-401.	1.5	7
27	Construction and validation of a novel dual reporter vector for studying mammalian bidirectional promoters. <i>Plasmid</i> , 2014, 74, 1-8.	1.4	6
28	Bovine TWINKLE and mitochondrial ribosomal protein L43 genes are regulated by an evolutionary conserved bidirectional promoter. <i>Gene</i> , 2014, 537, 154-163.	2.2	5
29	HSPD1 is not a major susceptibility gene for rheumatoid arthritis in the French Caucasian population. <i>Journal of Human Genetics</i> , 2007, 52, 1036-1039.	2.3	3
30	Genetic variability of the activity of bidirectional promoters: a pilot study in bovine muscle. <i>DNA Research</i> , 2017, 24, 221-233.	3.4	2
31	Allelic variation of the porcine β -1,3-galactosyltransferase 1 (GGTA1) gene. <i>Journal of Applied Genetics</i> , 2008, 49, 75-79.	1.9	0