

Luca Ferretti

List of Publications by Year in descending order

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75
papers

2,651
citations

218677

26
h-index

189892

50
g-index

75
all docs

75
docs citations

75
times ranked

2323
citing authors

#	ARTICLE	IF	CITATIONS
1	A medium-density genetic linkage map of the bovine genome. <i>Mammalian Genome</i> , 1997, 8, 21-28.	2.2	313
2	Mitochondrial genomes of extinct aurochs survive in domestic cattle. <i>Current Biology</i> , 2008, 18, R157-R158.	3.9	231
3	Total synthesis of a gene for bovine rhodopsin.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986, 83, 599-603.	7.1	196
4	The Multifaceted Origin of Taurine Cattle Reflected by the Mitochondrial Genome. <i>PLoS ONE</i> , 2009, 4, e5753.	2.5	157
5	Long range restriction analysis of the bovine casein genes. <i>Nucleic Acids Research</i> , 1990, 18, 6829-6833.	14.5	156
6	A bovine whole-genome radiation hybrid panel and outline map. <i>Mammalian Genome</i> , 2002, 13, 469-474.	2.2	115
7	Origin and Spread of <i>Bos taurus</i> : New Clues from Mitochondrial Genomes Belonging to Haplogroup T1. <i>PLoS ONE</i> , 2012, 7, e38601.	2.5	93
8	The Enigmatic Origin of Bovine mtDNA Haplogroup R: Sporadic Interbreeding or an Independent Event of <i>Bos primigenius</i> Domestication in Italy?. <i>PLoS ONE</i> , 2010, 5, e15760.	2.5	84
9	Chromosomal localization and molecular characterization of 53 cosmid-derived bovine microsatellites. <i>Mammalian Genome</i> , 1995, 6, 629-635.	2.2	71
10	Complete genomic sequence of the bovine prion gene (PRNP) and polymorphism in its promoter region. <i>Animal Genetics</i> , 2001, 32, 231-232.	1.7	57
11	<i>Lactobacillus</i> protoplast transformation. <i>Plasmid</i> , 1987, 17, 73-75.	1.4	54
12	Chromosome evolution and improved cytogenetic maps of the Y chromosome in cattle, zebu, river buffalo, sheep and goat. <i>Chromosome Research</i> , 2005, 13, 349-355.	2.2	54
13	The Paleo-Indian Entry into South America According to Mitogenomes. <i>Molecular Biology and Evolution</i> , 2018, 35, 299-311.	8.9	54
14	Meta-Analysis of Mitochondrial DNA Reveals Several Population Bottlenecks during Worldwide Migrations of Cattle. <i>Diversity</i> , 2014, 6, 178-187.	1.7	51
15	The river buffalo (<i>Bubalus bubalis</i>, 2n = 50) cytogenetic map: assignment of 64 loci by fluorescence in situ hybridization and R-banding. <i>Cytogenetic and Genome Research</i> , 2003, 102, 65-75.	1.1	49
16	Genomic organization, comparative analysis, and genetic polymorphisms of the bovine and ovine prion Doppel genes (PRND). <i>Mammalian Genome</i> , 2001, 12, 729-733.	2.2	43
17	Mitogenomes from Egyptian Cattle Breeds: New Clues on the Origin of Haplogroup Q and the Early Spread of <i>Bos taurus</i> from the Near East. <i>PLoS ONE</i> , 2015, 10, e0141170.	2.5	41
18	Telomeric fusions in cultured human fibroblasts as a source of genomic instability. <i>Cancer Genetics and Cytogenetics</i> , 1997, 95, 130-136.	1.0	40

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19	Mapping human dispersals into the Horn of Africa from Arabian Ice Age refugia using mitogenomes. <i>Scientific Reports</i> , 2016, 6, 25472.	3.3	40
20	A Novel in-Frame 18-bp Microdeletion in <i>MT-CYB</i> Causes a Multisystem Disorder with Prominent Exercise Intolerance. <i>Human Mutation</i> , 2014, 35, 954-958.	2.5	38
21	Combined Q banding and fluorescence in situ hybridization for the identification of bovine chromosomes 1 to 7. <i>Cytogenetic and Genome Research</i> , 1995, 69, 1-6.	1.1	37
22	Analysis of the human Y-chromosome haplogroup Q characterizes ancient population movements in Eurasia and the Americas. <i>BMC Biology</i> , 2019, 17, 3.	3.8	36
23	Cosmid-derived markers anchoring the bovine genetic map to the physical map. <i>Mammalian Genome</i> , 1997, 8, 29-36.	2.2	34
24	Sequence variation in the bovine and ovine PRNP genes. <i>Animal Genetics</i> , 2003, 34, 183-190.	1.7	34
25	Specific and reversible inhibition of the blunt end joining activity of the T4 DNA ligase. <i>Nucleic Acids Research</i> , 1981, 9, 3695-3705.	14.5	31
26	Mitochondrial DNA variants of Podolian cattle breeds testify for a dual maternal origin. <i>PLoS ONE</i> , 2018, 13, e0192567.	2.5	30
27	Temperature dependence of the joining by T4 DNA ligase of termini produced by type II restriction endonucleases. <i>Nucleic Acids Research</i> , 1981, 9, 85-93.	14.5	29
28	A repeated chromosomal DNA sequence is amplified as a circular extrachromosomal molecule in rice (<i>Oryza sativa</i> L.). <i>Molecular Genetics and Genomics</i> , 1990, 222, 58-64.	2.4	24
29	Restriction fragment length polymorphism analysis of the <i>β</i> -casein locus in cattle. <i>Animal Genetics</i> , 1990, 21, 107-114.	1.7	23
30	An advanced sheep (<i>Ovis aries</i>), 2n=54 cytogenetic map and assignment of 88 new autosomal loci by fluorescence in situ hybridization and R-banding. <i>Animal Genetics</i> , 2007, 38, 233-240.	1.7	23
31	Exploring the Y Chromosomal Ancestry of Modern Panamanians. <i>PLoS ONE</i> , 2015, 10, e0144223.	2.5	20
32	The origin of a morphologically unidentifiable human supernumerary minichromosome traced through sorting, molecular cloning, and in situ hybridisation. <i>Journal of Medical Genetics</i> , 1991, 28, 92-96.	3.2	19
33	Cloning of the bovine prion-like Shadoo (SPRN) gene by comparative analysis of the predicted genomic locus. <i>Mammalian Genome</i> , 2006, 17, 1130-1139.	2.2	19
34	Reconstructing the genetic history of Italians: new insights from a male (Y-chromosome) perspective. <i>Annals of Human Biology</i> , 2018, 45, 44-56.	1.0	19
35	Interaction between the cellular prion (PrPC) and the 2P domain K ⁺ channel TREK-1 protein. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 108-115.	2.1	18
36	Increased SCE levels in Mediterranean Italian buffaloes affected by limb malformation (transversal) Tj ETQq0 0 0 rgBT ₁ /Overlock 10 Tf 50	1.1	18

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37	On the origin and diversification of Podolian cattle breeds: testing scenarios of European colonization using genome-wide SNP data. <i>Genetics Selection Evolution</i> , 2021, 53, 48.	3.0	18
38	Comparative mapping of the prion gene (PRNP) locus in cattle, sheep and human with PCR-generated probes. <i>Mammalian Genome</i> , 1998, 9, 853-855.	2.2	17
39	Mapping of syntenic groups U7 and U27 to bovine Chromosomes 25 and 12, respectively. <i>Mammalian Genome</i> , 1994, 5, 574-576.	2.2	16
40	Six antimicrobial peptide genes of the cathelicidin family map to bovine chromosome 22q24 by fluorescence in situ hybridization. <i>Cytogenetic and Genome Research</i> , 1996, 75, 240-242.	1.1	16
41	Application of Quantitative Real-Time PCR in the Detection of Prion-Protein Gene Species-Specific DNA Sequences in Animal Meals and Feedstuffs. <i>Journal of Food Protection</i> , 2006, 69, 891-896.	1.7	16
42	Isolation and molecular characterization of rasfadin, a novel gene in the vicinity of the bovine prion gene. <i>Mammalian Genome</i> , 2001, 12, 150-156.	2.2	15
43	Diagnostic value of PRND gene expression profiles in astrocytomas: Relationship to tumor grades of malignancy. <i>Oncology Reports</i> , 2007, 17, 989-96.	2.6	15
44	Differential expression of the prion-like protein doppel gene (PRND) in astrocytomas: a new molecular marker potentially involved in tumor progression. <i>Anticancer Research</i> , 2004, 24, 1507-17.	1.1	15
45	A novel <i>USP9Y</i> polymorphism allowing a rapid and unambiguous classification of <i>Bos taurus</i> Y chromosomes into haplogroups. <i>Animal Genetics</i> , 2012, 43, 611-613.	1.7	14
46	Comparative mapping of the fragile histidine triad (FHIT) gene in cattle, river buffalo, sheep and goat by FISH and assignment to BTA22 by RH-mapping: a comparison with HSA3. <i>Animal Genetics</i> , 2005, 36, 363-364.	1.7	13
47	Sequence and functional analysis of a divergent promoter from a cryptic plasmid of <i>Lactobacillus acidophilus</i> 168 S. <i>Plasmid</i> , 1987, 17, 69-72.	1.4	12
48	Five polymorphic bovine microsatellite loci: <i>IDVGA62A</i> , <i>IDVGA71</i> , <i>IDVGA82</i> , <i>IDVGA88</i> , <i>IDVGA90</i> . <i>Animal Genetics</i> , 1995, 26, 365-366.	1.7	12
49	Prion-like Doppel gene (PRND) in the goat: genomic structure, cDNA, and polymorphisms. <i>Mammalian Genome</i> , 2005, 16, 963-971.	2.2	11
50	Altered cellular distribution and sub-cellular sorting of doppel (Dpl) protein in human astrocytoma cell lines. <i>Cellular Oncology</i> , 2008, 30, 337-47.	1.9	11
51	Overexpression of the Doppel protein in acute myeloid leukaemias and myelodysplastic syndromes. <i>British Journal of Haematology</i> , 2005, 128, 877-884.	2.5	10
52	FISH Mapping of Bovine U21, U1 and U7 Molecular Markers to River Buffalo Chromosomes 3p, 5q and 5p. <i>Chromosome Research</i> , 1997, 5, 337-340.	2.2	8
53	Survey of uniparental genetic markers in the Maltese cattle breed reveals a significant founder effect but does not indicate local domestication. <i>Animal Genetics</i> , 2016, 47, 267-269.	1.7	8
54	Molecular cloning of DNA from a sorted human minichromosome. <i>Gene</i> , 1991, 99, 229-234.	2.2	7

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55	Functional mapping of the bovine Doppel gene promoter region. <i>Gene</i> , 2005, 356, 101-108.	2.2	7
56	Comparative genomic mapping of the bovine Fragile Histidine Triad (FHIT) tumour suppressor gene: characterization of a 2 Mb BAC contig covering the locus, complete annotation of the gene, analysis of cDNA and of physiological expression profiles. <i>BMC Genomics</i> , 2006, 7, 123.	2.8	6
57	Molecular analysis of the fragile histidine triad <i>(FHIT)</i>; tumor suppressor gene in vesical tumors of cattle with chronic enzootic hematuria (CEH). <i>Cytogenetic and Genome Research</i> , 2008, 120, 173-177.	1.1	6
58	Convergent transcription of the <i>Escherichia coli</i> hlsG gene cloned in <i>Bacillus subtilis</i> stops in the vicinity of the attenuator. <i>Gene</i> , 1984, 29, 11-19.	2.2	5
59	Isolation of coding sequences from bovine cosmids by means of exon trapping. <i>Mammalian Genome</i> , 1997, 8, 486-490.	2.2	5
60	Characterization and mapping of three bovine polymorphic microsatellite loci. <i>Animal Genetics</i> , 1996, 27, 121-132.	1.7	5
61	Y-chromosome and Surname Analyses for Reconstructing Past Population Structures: The Sardinian Population as a Test Case. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5763.	4.1	5
62	Overview of the Americasâ€™ First Peopling from a Patrilineal Perspective: New Evidence from the Southern Continent. <i>Genes</i> , 2022, 13, 220.	2.4	5
63	The Mitogenome Relationships and Phylogeography of Barn Swallows (<i>Hirundo rustica</i>). <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	4
64	Physical mapping of connexin 32 (GJB1) and 43 (GJA1) genes to bovine Chromosomes Xq22 and 9q15/16 by fluorescence in situ hybridization. <i>Mammalian Genome</i> , 1996, 7, 634-635.	2.2	3
65	Six bovine cosmid-derived microsatellites mapping different syntenic groups are fluorescence in situ hybridization mapped to six river buffalo chromosomes. <i>Chromosome Research</i> , 1997, 5, 541-543.	2.2	3
66	Weaving Mitochondrial DNA and Y-Chromosome Variation in the Panamanian Genetic Canvas. <i>Genes</i> , 2021, 12, 1921.	2.4	3
67	Isolation and mapping of a polymorphic DNA sequence (ÂˆMC.34) on chromosome 2 [D2S63]. <i>Nucleic Acids Research</i> , 1988, 16, 9061-9061.	14.5	2
68	Preparation of high molecular weight plant DNA and its use for artificial chromosome construction. <i>Plant Cell Reports</i> , 1991, 10, 315-20.	5.6	2
69	Construction of a library of bovine genomic fragments enriched in CpG islands. <i>Animal Genetics</i> , 1993, 24, 1-7.	1.7	2
70	Two additional MspI RFLPs revealed by MC.34 (D2S63). <i>Nucleic Acids Research</i> , 1991, 19, 6345-6345.	14.5	1
71	Eight molecular markers from bovine syntenic groups U2, U5, U24, U14, U12, U28, X and Y were fluorescence in situ mapped to eight river buffalo chromosomes. <i>Chromosome Research</i> , 1998, 6, 656-659.	2.2	1
72	Physical and genetic mapping of two polymorphic bovine dinucleotide repeats: IOBT450 (D6S31) and IDVGA80 (D2S46). <i>Animal Genetics</i> , 1996, 27, 377-378.	1.7	1

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73	Heterologous expression in <i>Bacillus subtilis</i> II. In vitro removal of the attenuator sequence of the <i>Escherichia coli</i> his operon allows expression of the cloned hisG gene in <i>B. subtilis</i> . <i>Gene</i> , 1986, 47, 279-286.	2.2	0
74	T-banding pattern of bovine chromosomes and karyotype reconstitution with physically mapped cosmids. <i>Cytogenetic and Genome Research</i> , 1996, 73, 229-234.	1.1	0
75	Assignment of interleukin-1 receptor, type I (IL1R1) to bovine chromosome band 11q12 by in situ hybridization. <i>Cytogenetic and Genome Research</i> , 2000, 89, 166-167.	1.1	0