

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	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
2	The Mitogenome Relationships and Phylogeography of Barn Swallows (<i>Hirundo rustica</i>). <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	4
3	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
4	Weaving Mitochondrial DNA and Y-Chromosome Variation in the Panamanian Genetic Canvas. <i>Genes</i> , 2021, 12, 1921.	2.4	3
5	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
6	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
7	The Paleo-Indian Entry into South America According to Mitogenomes. <i>Molecular Biology and Evolution</i> , 2018, 35, 299-311.	8.9	54
8	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
9	Mitochondrial DNA variants of Podolian cattle breeds testify for a dual maternal origin. <i>PLoS ONE</i> , 2018, 13, e0192567.	2.5	30
10	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
11	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
12	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
13	Exploring the Y Chromosomal Ancestry of Modern Panamanians. <i>PLoS ONE</i> , 2015, 10, e0144223.	2.5	20
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	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
16	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
17	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
18	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

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19	The Multifaceted Origin of Taurine Cattle Reflected by the Mitochondrial Genome. PLoS ONE, 2009, 4, e5753.	2.5	157
20	Mitochondrial genomes of extinct aurochs survive in domestic cattle. Current Biology, 2008, 18, R157-R158.	3.9	231
21	Increased SCE levels in Mediterranean Italian buffaloes affected by limb malformation (transversal) Tj ETQq1 1 0.784314 rgBT /Overlo	1.1	18
22	Molecular analysis of the fragile histidine triad (FHIT) tumor suppressor gene in vesical tumors of cattle with chronic enzootic hematuria (CEH). Cytogenetic and Genome Research, 2008, 120, 173-177.	1.1	6
23	Altered cellular distribution and sub-cellular sorting of doppel (Dpl) protein in human astrocytoma cell lines. Cellular Oncology, 2008, 30, 337-47.	1.9	11
24	Diagnostic value of PRND gene expression profiles in astrocytomas: Relationship to tumor grades of malignancy. Oncology Reports, 2007, 17, 989-96.	2.6	15
25	An advanced sheep (<i>Ovis aries</i> , 2n=54) cytogenetic map and assignment of 88 new autosomal loci by fluorescence <i>in situ</i> hybridization and R-banding. Animal Genetics, 2007, 38, 233-240.	1.7	23
26	Interaction between the cellular prion (PrPC) and the 2P domain K+ channel TREK-1 protein. Biochemical and Biophysical Research Communications, 2006, 346, 108-115.	2.1	18
27	Application of Quantitative Real-Time PCR in the Detection of Prion-Protein Gene Species-Specific DNA Sequences in Animal Meals and Feedstuffs. Journal of Food Protection, 2006, 69, 891-896.	1.7	16
28	Cloning of the bovine prion-like Shadoo (SPRN) gene by comparative analysis of the predicted genomic locus. Mammalian Genome, 2006, 17, 1130-1139.	2.2	19
29	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. BMC Genomics, 2006, 7, 123.	2.8	6
30	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. Animal Genetics, 2005, 36, 363-364.	1.7	13
31	Overexpression of the Doppel protein in acute myeloid leukaemias and myelodysplastic syndromes. British Journal of Haematology, 2005, 128, 877-884.	2.5	10
32	Prion-like Doppel gene (PRND) in the goat: genomic structure, cDNA, and polymorphisms. Mammalian Genome, 2005, 16, 963-971.	2.2	11
33	Chromosome evolution and improved cytogenetic maps of the Y chromosome in cattle, zebu, river buffalo, sheep and goat. Chromosome Research, 2005, 13, 349-355.	2.2	54
34	Functional mapping of the bovine Doppel gene promoter region. Gene, 2005, 356, 101-108.	2.2	7
35	Differential expression of the prion-like protein doppel gene (PRND) in astrocytomas: a new molecular marker potentially involved in tumor progression. Anticancer Research, 2004, 24, 1507-17.	1.1	15
36	Sequence variation in the bovine and ovine PRNP genes. Animal Genetics, 2003, 34, 183-190.	1.7	34

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37	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
38	A bovine whole-genome radiation hybrid panel and outline map. <i>Mammalian Genome</i> , 2002, 13, 469-474.	2.2	115
39	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
40	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
41	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
42	Assignment<footref rid="foot01"> ¹</footref> 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
43	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
44	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
45	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
46	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
47	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
48	A medium-density genetic linkage map of the bovine genome. <i>Mammalian Genome</i> , 1997, 8, 21-28.	2.2	313
49	Cosmid-derived markers anchoring the bovine genetic map to the physical map. <i>Mammalian Genome</i> , 1997, 8, 29-36.	2.2	34
50	Isolation of coding sequences from bovine cosmids by means of exon trapping. <i>Mammalian Genome</i> , 1997, 8, 486-490.	2.2	5
51	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
52	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
53	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
54	Characterization and mapping of three bovine polymorphic microsatellite loci. <i>Animal Genetics</i> , 1996, 27, 121-132.	1.7	5

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55	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
56	Chromosomal localization and molecular characterization of 53 cosmid-derived bovine microsatellites. <i>Mammalian Genome</i> , 1995, 6, 629-635.	2.2	71
57	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
58	Five polymorphic bovine microsatellite loci: <i>IDVGAâ€62A, IDVGAâ€71, IDVGAâ€82, IDVGAâ€88, IDVGAâ€90</i>. <i>Animal Genetics</i> , 1995, 26, 365-366.	1.7	12
59	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
60	Construction of a library of bovine genomic fragments enriched in CpG islands. <i>Animal Genetics</i> , 1993, 24, 1-7.	1.7	2
61	Molecular cloning of DNA from a sorted human minichromosome. <i>Gene</i> , 1991, 99, 229-234.	2.2	7
62	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
63	Two additional MspI RFLPs revealed by MC.34 (D2S63). <i>Nucleic Acids Research</i> , 1991, 19, 6345-6345.	14.5	1
64	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
65	Restriction fragment length polymorphism analysis of the Î²â€casein locus in cattle. <i>Animal Genetics</i> , 1990, 21, 107-114.	1.7	23
66	Long range restriction analysis of the bovine casein genes. <i>Nucleic Acids Research</i> , 1990, 18, 6829-6833.	14.5	156
67	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
68	Isolation and mapping of a polymorphic DNA sequence (ÂMC.34) on chromosome 2 [D2S63]. <i>Nucleic Acids Research</i> , 1988, 16, 9061-9061.	14.5	2
69	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
70	<i>Lactobacillus</i> protoplast transformation. <i>Plasmid</i> , 1987, 17, 73-75.	1.4	54
71	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
72	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

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73	Convergent transcription of the Escherichia coli hlsG gene cloned in Bacillus subtilis stops in the vicinity of the attenuator. Gene, 1984, 29, 11-19.	2.2	5
74	Specific and reversible inhibition of the blunt end joining activity of the T4 DNA ligase. Nucleic Acids Research, 1981, 9, 3695-3705.	14.5	31
75	Temperature dependence of the joining by T4 DNA ligase of termini produced by type II restriction endonucleases. Nucleic Acids Research, 1981, 9, 85-93.	14.5	29