

Alessio Valentini

List of Publications by Year in descending order

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89
papers

3,780
citations

186265

28
h-index

133252

59
g-index

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all docs

89
docs citations

89
times ranked

4838
citing authors

#	ARTICLE	IF	CITATIONS
1	Demographic structure and population dynamics of Maremmana cattle local breed after 35 years of traditional selection. <i>Livestock Science</i> , 2020, 232, 103903.	1.6	4
2	Structural and dynamic analysis of G558R mutation in chicken <i>TSHR</i> gene shows altered signal transduction and corroborates its role as a domestication gene. <i>Animal Genetics</i> , 2020, 51, 51-57.	1.7	5
3	Evidence of distinct gene functional patterns in GC-poor and GC-rich isochores in <i>Bos taurus</i> . <i>Animal Genetics</i> , 2020, 51, 358-368.	1.7	6
4	Was the Cinta Senese Pig Already a Luxury Food in the Late Middle Ages? Ancient DNA and Archaeozoological Evidence from Central Italy. <i>Genes</i> , 2020, 11, 85.	2.4	1
5	Gallop Racing Shifts Mature mRNA towards Introns: Does Exercise-Induced Stress Enhance Genome Plasticity?. <i>Genes</i> , 2020, 11, 410.	2.4	7
6	Missense mutations of NCPAG gene affect calving ease in Piedmontese cattle: preliminary evidences. <i>Italian Journal of Animal Science</i> , 2018, 17, 301-305.	1.9	0
7	New Insights on Water Buffalo Genomic Diversity and Post-Domestication Migration Routes From Medium Density SNP Chip Data. <i>Frontiers in Genetics</i> , 2018, 9, 53.	2.3	79
8	Genome wide association study on beef production traits in Marchigiana cattle breed. <i>Journal of Animal Breeding and Genetics</i> , 2017, 134, 43-48.	2.0	20
9	Structural and Dynamic Characterization of the C313Y Mutation in Myostatin Dimeric Protein, Responsible for the "Double Muscle" Phenotype in Piedmontese Cattle. <i>Frontiers in Genetics</i> , 2016, 7, 14.	2.3	6
10	Transcriptomic investigation of meat tenderness in two Italian cattle breeds. <i>Animal Genetics</i> , 2016, 47, 273-287.	1.7	37
11	Skeletal muscle transcriptional profiles in two Italian beef breeds, Chianina and Maremmana, reveal breed specific variation. <i>Molecular Biology Reports</i> , 2016, 43, 253-268.	2.3	16
12	Use of canonical discriminant analysis to study signatures of selection in cattle. <i>Genetics Selection Evolution</i> , 2016, 48, 58.	3.0	14
13	Imputation accuracy is robust to cattle reference genome updates. <i>Animal Genetics</i> , 2015, 46, 69-72.	1.7	20
14	Mitochondrial DNA analysis of medieval sheep (<i>Ovis aries</i>) in central Italy reveals the predominance of haplogroup B already in the Middle Ages. <i>Animal Genetics</i> , 2015, 46, 329-332.	1.7	8
15	SNP included in candidate genes involved in muscle, lipid and energy metabolism behave like neutral markers. <i>Animal Production Science</i> , 2015, 55, 1164.	1.3	1
16	Analysis of candidate SNPs affecting milk and functional traits in the dual-purpose Italian Simmental cattle. <i>Livestock Science</i> , 2015, 173, 1-8.	1.6	15
17	Detection of selection signatures in Piemontese and Marchigiana cattle, two breeds with similar production aptitudes but different selection histories. <i>Genetics Selection Evolution</i> , 2015, 47, 52.	3.0	27
18	Microsatellite genotyping of medieval cattle from central Italy suggests an old origin of Chianina and Romagnola cattle. <i>Frontiers in Genetics</i> , 2015, 6, 68.	2.3	10

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19	Relative extended haplotype homozygosity signals across breeds reveal dairy and beef specific signatures of selection. <i>Genetics Selection Evolution</i> , 2015, 47, 25.	3.0	49
20	Genetic diversity of Italian goat breeds assessed with a medium-density SNP chip. <i>Genetics Selection Evolution</i> , 2015, 47, 62.	3.0	72
21	Analysis of runs of homozygosity and their relationship with inbreeding in five cattle breeds farmed in Italy. <i>Animal Genetics</i> , 2015, 46, 110-121.	1.7	228
22	Promoter polymorphisms in genes involved in porcine myogenesis influence their transcriptional activity. <i>BMC Genetics</i> , 2014, 15, 119.	2.7	12
23	Is there a relation between genetic or social groups of mallard ducks and the circulation of low pathogenic avian influenza viruses?. <i>Veterinary Microbiology</i> , 2014, 170, 418-424.	1.9	4
24	Signatures of selection in five Italian cattle breeds detected by a 54K SNP panel. <i>Molecular Biology Reports</i> , 2014, 41, 957-965.	2.3	26
25	The environmental biological signature: NGS profiling for forensic comparison of soils. <i>Forensic Science International</i> , 2014, 240, 41-47.	2.2	55
26	Phenotypic and genotypic background underlying variations in fatty acid composition and sensory parameters in European bovine breeds. <i>Journal of Animal Science and Biotechnology</i> , 2014, 5, 20.	5.3	5
27	Forensic interlaboratory evaluation of the ForFLUID kit for vaginal fluids identification. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2014, 21, 60-63.	1.0	22
28	Massive screening of copy number population-scale variation in <i>Bos taurus</i> genome. <i>BMC Genomics</i> , 2013, 14, 124.	2.8	48
29	Microarray gene expression profiling of neural tissues in bovine spastic paresis. <i>BMC Veterinary Research</i> , 2013, 9, 122.	1.9	8
30	Association between single nucleotide polymorphisms (SNPs) and milk production traits in Italian Brown cattle. <i>Livestock Science</i> , 2013, 157, 93-99.	1.6	10
31	Association of genes involved in carcass and meat quality traits in 15 European bovine breeds. <i>Livestock Science</i> , 2013, 154, 34-44.	1.6	32
32	Comparison of Milk Fat Globule Membrane (MFGM) proteins in milk samples of Chianina and Holstein cattle breeds across three lactation phases through 2D IEF SDS PAGE – A preliminary study. <i>Food Research International</i> , 2013, 54, 1280-1286.	6.2	4
33	Genomic imputation and evaluation using high-density Holstein genotypes. <i>Journal of Dairy Science</i> , 2013, 96, 668-678.	3.4	163
34	Genes involved in muscle lipid composition in 15 European <i>Bos taurus</i> breeds. <i>Animal Genetics</i> , 2013, 44, 493-501.	1.7	30
35	Mitochondrial DNA of seven Italian sheep breeds shows faint signatures of domestication and suggests recent breed formation. <i>Mitochondrial DNA</i> , 2013, 24, 577-583.	0.6	25
36	Use of principal component approach to predict direct genomic breeding values for beef traits in Italian Simmental cattle. <i>Journal of Animal Science</i> , 2013, 91, 29-37.	0.5	8

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37	Molecular identification of vaginal fluid by microbial signature. <i>Forensic Science International: Genetics</i> , 2012, 6, 559-564.	3.1	70
38	Identification of a Short Region on Chromosome 6 Affecting Direct Calving Ease in Piedmontese Cattle Breed. <i>PLoS ONE</i> , 2012, 7, e50137.	2.5	49
39	Genetic Diversity of Sheep Breeds from Albania, Greece, and Italy Assessed by Mitochondrial DNA and Nuclear Polymorphisms (SNPs). <i>Scientific World Journal</i> , The, 2011, 11, 1641-1659.	2.1	27
40	A novel point mutation within the EDA gene causes an exon dropping in mature RNA in Holstein Friesian cattle breed affected by X-linked anhidrotic ectodermal dysplasia. <i>BMC Veterinary Research</i> , 2011, 7, 35.	1.9	11
41	Genetic characterization and structure of the Italian Podolian cattle breed and its relationship with some major European breeds. <i>Italian Journal of Animal Science</i> , 2011, 10, e54.	1.9	8
42	SNPs identification in swine leptin 5â€™ flanking region and transcriptional activity of naturally occurring promoter haplotypes. <i>Italian Journal of Animal Science</i> , 2011, 10, e49.	1.9	2
43	Genetic variation and relationships among Turkish water buffalo populations. <i>Animal Genetics</i> , 2010, 41, 93-96.	1.7	22
44	Relationships between Podolic cattle breeds assessed by single nucleotide polymorphisms (SNPs) genotyping. <i>Journal of Animal Breeding and Genetics</i> , 2010, 127, 481-488.	2.0	24
45	Spatial Trends of Genetic Variation of Domestic Ruminants in Europe. <i>Diversity</i> , 2010, 2, 932-945.	1.7	22
46	Telomere Length Diversity in Cattle Breeds. <i>Diversity</i> , 2010, 2, 1118-1129.	1.7	9
47	Proteomics and Transcriptomics Investigation on <i>longissimus</i> Muscles in Large White and Casertana Pig Breeds. <i>Journal of Proteome Research</i> , 2010, 9, 6450-6466.	3.7	58
48	Exploring polymorphisms and effects of candidate genes on milk fat quality in dairy sheep. <i>Journal of Dairy Science</i> , 2010, 93, 3834-3845.	3.4	30
49	Polymorphisms within the Toll-Like Receptor (TLR)-2, -4, and -6 Genes in Cattle. <i>Diversity</i> , 2009, 1, 7-18.	1.7	18
50	A Tool for Sheep Product Quality: Custom Microarrays from Public Databases. <i>Nutrients</i> , 2009, 1, 235-250.	4.1	6
51	Comparison of Milk Fat Globule Membrane (MFGM) Proteins of Chianina and Holstein Cattle Breed Milk Samples Through Proteomics Methods. <i>Nutrients</i> , 2009, 1, 302-315.	4.1	28
52	Microarrays and high-throughput transcriptomic analysis in species with incomplete availability of genomic sequences. <i>New Biotechnology</i> , 2009, 25, 272-279.	4.4	30
53	Landscape genomics and biased FST approaches reveal single nucleotide polymorphisms under selection in goat breeds of North-East Mediterranean. <i>BMC Genetics</i> , 2009, 10, 7.	2.7	52
54	Geographical patterning of sixteen goat breeds from Italy, Albania and Greece assessed by Single Nucleotide Polymorphisms. <i>BMC Ecology</i> , 2009, 9, 20.	3.0	24

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55	Discovery, characterization and validation of single nucleotide polymorphisms within 206 bovine genes that may be considered as candidate genes for beef production and quality. <i>Animal Genetics</i> , 2009, 40, 486-491.	1.7	29
56	Comparative proteomics and transcriptomics analyses of livers from two different <i>Bos taurus</i> breeds: "Chianina and Holstein Friesian". <i>Journal of Proteomics</i> , 2009, 73, 309-322.	2.4	39
57	Genome-Wide Survey of SNP Variation Uncovers the Genetic Structure of Cattle Breeds. <i>Science</i> , 2009, 324, 528-532.	12.6	746
58	Effect of some candidate genes on meat characteristics of three cattle breeds. <i>Italian Journal of Animal Science</i> , 2009, 8, 81-83.	1.9	3
59	Are cattle, sheep, and goats endangered species?. <i>Molecular Ecology</i> , 2008, 17, 275-284.	3.9	217
60	Detection of QTL for milk protein percentage in Italian Friesian cattle by AFLP markers and selective genotyping. <i>Journal of Dairy Research</i> , 2008, 75, 430-438.	1.4	6
61	Ancient DNA: genomic amplification of Roman and medieval bovine bones. <i>Italian Journal of Animal Science</i> , 2007, 6, 179-181.	1.9	2
62	Characterization of single-nucleotide polymorphisms in 20 genes affecting milk quality in cattle, sheep, goat and buffalo. <i>Italian Journal of Animal Science</i> , 2007, 6, 160-160.	1.9	1
63	Traceability of the PGI product "Vitellone Bianco dell'Appennino Centrale" by SNP markers. <i>Italian Journal of Animal Science</i> , 2007, 6, 174-174.	1.9	2
64	Cell cultures harbouring constructs of different pig promoter polymorphisms show different transcriptional efficiency in gene reporter systems. <i>Italian Journal of Animal Science</i> , 2007, 6, 94-94.	1.9	0
65	Structure of cattle, sheep, goat and buffalo populations using single nucleotide polymorphisms in genes affecting lipid metabolism. <i>Italian Journal of Animal Science</i> , 2007, 6, 159-159.	1.9	0
66	Differentiation of European cattle by AFLP fingerprinting. <i>Animal Genetics</i> , 2007, 38, 60-66.	1.7	44
67	Identification of putative genes involved in bovine spastic paresis through microarray analysis. <i>Italian Journal of Animal Science</i> , 2007, 6, 183-183.	1.9	2
68	European cattle breed cluster accordingly to their meat quality parameters. <i>Italian Journal of Animal Science</i> , 2007, 6, 490-490.	1.9	0
69	Characterization of 37 Breed-Specific Single-Nucleotide Polymorphisms in Sheep. <i>Journal of Heredity</i> , 2006, 97, 531-534.	2.4	28
70	Allele frequencies and diversity parameters of 27 single nucleotide polymorphisms within and across goat breeds. <i>Molecular Ecology Notes</i> , 2006, 6, 992-997.	1.7	19
71	Characterization of single nucleotide polymorphisms in sheep and their variation as evidence of selection. <i>Animal Genetics</i> , 2006, 37, 290-292.	1.7	17
72	Assessment of population structure by single nucleotide polymorphisms (SNPs) in goat breeds. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 833, 117-120.	2.3	23

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73	A second generation radiation hybrid map to aid the assembly of the bovine genome sequence. <i>BMC Genomics</i> , 2006, 7, 283.	2.8	26
74	Polymorphisms in genes affecting meat quality in European beef breeds. <i>Italian Journal of Animal Science</i> , 2005, 4, 34-36.	1.9	1
75	Genetic diversity of Chinese indigenous goat breeds based on microsatellite markers. <i>Journal of Animal Breeding and Genetics</i> , 2004, 121, 350-355.	2.0	41
76	Application of AFLP® technology to radiation hybrid mapping. <i>Chromosome Research</i> , 2004, 12, 285-297.	2.2	11
77	Double muscling in Marchigiana beef breed is caused by a stop codon in the third exon of myostatin gene. <i>Mammalian Genome</i> , 2003, 14, 392-395.	2.2	82
78	Use of microsatellites for genetic variation and inbreeding analysis in Sarda sheep flocks of central Italy. <i>Journal of Animal Breeding and Genetics</i> , 2003, 120, 425-432.	2.0	41
79	A new assessment of European forests carbon exchanges by eddy fluxes and artificial neural network spatialization. <i>Global Change Biology</i> , 2003, 9, 525-535.	9.5	465
80	Signatures of selection? Patterns of microsatellite diversity on a chromosome containing a selected locus. <i>Heredity</i> , 2003, 90, 350-358.	2.6	24
81	Sequence analysis of myostatin promoter in cattle. <i>Cytogenetic and Genome Research</i> , 2003, 102, 48-52.	1.1	28
82	A simple PCR-RFLP test for direct identification of Melanocortin Receptor 1 (MC1R) alleles causing red coat colour in Holstein cattle. <i>Italian Journal of Animal Science</i> , 2003, 2, 151-155.	1.9	1
83	Genetic distances within and across cattle breeds as indicated by biallelic AFLP markers. <i>Animal Genetics</i> , 2002, 33, 280-286.	1.7	39
84	Assessing genetic diversity in Italian goat populations using AFLP® markers. <i>Animal Genetics</i> , 2001, 32, 281-288.	1.7	57
85	Convenient genotyping of six myostatin mutations causing double-muscling in cattle using a multiplex oligonucleotide ligation assay. <i>Animal Genetics</i> , 2000, 31, 396-399.	1.7	52
86	AFLP®, ¢ markers for DNA fingerprinting in cattle. <i>Animal Genetics</i> , 1997, 28, 418-426.	1.7	147
87	Random amplified polymorphic DNA (RAPD) interpretation requires a sensitive method for the detection of amplified DNA. <i>Electrophoresis</i> , 1996, 17, 1553-1554.	2.4	16
88	Landscape Genomics in Livestock. , 0, , .		2
89	Elite Food Between the Late Middle Ages and Renaissance: Some Case Studies from Latium. <i>Environmental Archaeology</i> , 0, , 1-15.	1.2	2