Alessandro Bagnato

List of Publications by Year
in descending order

55 papers	1,270 citations	361413 20 h-index	395702 33 g-index
55 all docs	55 docs citations	55 times ranked	1559 citing authors

#	Article	IF	Citations
1	Meta-analysis of genome-wide association studies for cattle stature identifies common genes that regulate body size in mammals. Nature Genetics, 2018, 50, 362-367.	21.4	286
2	Quantitative Trait Loci Affecting Milk Yield and Protein Percentage in a Three-Country Brown Swiss Population. Journal of Dairy Science, 2008, 91, 767-783.	3.4	73
3	Genetic parameters for functional longevity, type traits, SCS, milk flow and production in the Italian Brown Swiss. Italian Journal of Animal Science, 2010, 9, .	1.9	54
4	Wholeâ€genome scan for quantitative trait loci associated with birth weight, gestation length and passive immune transfer in a Holsteinâ€ƒÃ—â€ƒJersey crossbred population. Animal Genetics, 2009, 40, 27-34.	1.7	46
5	Confirmed association between a single nucleotide polymorphism in the FTO gene and obesity-related traits in heavy pigs. Molecular Biology Reports, 2010, 37, 461-466.	2.3	46
6	Genome-wide association study for somatic cell score in Valdostana Red Pied cattle breed using pooled DNA. BMC Genetics, 2014, 15, 106.	2.7	44
7	Microvesicles secreted from equine amniotic-derived cells and their potential role in reducing inflammation in endometrial cells in an in-vitro model. Stem Cell Research and Therapy, 2016, 7, 169.	5.5	43
8	Comparing Local and Commercial Breeds on Functional Traits and Profitability: The Case of Reggiana Dairy Cattle. Journal of Dairy Science, 2007, 90, 2004-2011.	3.4	42
9	Short communication: Genomic prediction using imputed whole-genome sequence variants in Brown Swiss Cattle. Journal of Dairy Science, 2018, 101, 1292-1296.	3.4	35
10	The importance of identity-by-state information for the accuracy of genomic selection. Genetics Selection Evolution, 2012, 44, 28.	3.0	30
11	Relationship between somatic cell count and functional longevity assessed using survival analysis in Italian Holsteinâ€“Friesian cows. Livestock Science, 2003, 80, 211-220.	1.2	29
12	Inbreeding in the Italian Haflinger horse. Journal of Animal Breeding and Genetics, 1992, 109, 433-443.	2.0	27
13	Genetic study of fertility traits and production in different parities in Italian Friesian cattle. Journal of Animal Breeding and Genetics, 1993, 110, 126-134.	2.0	27
14	Genetic Correlation Patterns Between Somatic Cell Score and Protein Yield in the Italian Holstein-Friesian Population. Journal of Dairy Science, 2008, 91, 4013-4021.	3.4	25
15	The Use of Kosher Phenotyping for Mapping QTL Affecting Susceptibility to Bovine Respiratory Disease. PLoS ONE, 2016, 11, e0153423.	2.5	25
16	A genome scan for quantitative trait loci affecting milk somatic cell score in Israeli and Italian Holstein cows by means of selective DNA pooling with single- and multiple-marker mapping. Journal of Dairy Science, 2010, 93, 4913-4927.	3.4	24
17	Genetic evaluations for measures of the milk-flow curve in the Italian Brown Swiss population. Journal of Dairy Science, 2011, 94, 960-970.	3.4	24
18	Genomic prediction based on runs of homozygosity. Genetics Selection Evolution, 2014, 46, 64.	3.0	24

#	Article	IF	Citations
19	A genome-wide scan of copy number variants using high-density SNPs in Brown Swiss dairy cattle. Livestock Science, 2016, 191, 153-160.	1.6	23
20	Bimodality and the genetics of milk flow traits in the Italian Holstein-Friesian breed. Journal of Dairy Science, 2011, 94, 4081-4089.	3.4	22
21	DGAT1p.K232A polymorphism in dairy and dual purpose Italian cattle breeds. Italian Journal of Animal Science, 2010, 9, e16.	1.9	20
22	Quantitative trait loci mapping for conjugated linoleic acid, vaccenic acid and â^†⁹-desaturase in Italian Brown Swiss dairy cattle using selective DNA pooling. Animal Genetics, 2014, 45, 485-499.	1.7	18
23	Extensive Long-Range and Nonsyntenic Linkage Disequilibrium in Livestock Populations: Deconstruction of a Conundrum. Genetics, 2009, 181, 691-699.	2.9	16
24	Association of 20 candidate gene markers with milk production and composition traits in sires of Reggiana breed, a local dairy cattle population. Livestock Science, 2015, 176, 14-21.	1.6	16
25	Genetics of casein content in Brown Swiss and Italian Holstein dairy cattle breeds. Italian Journal of Animal Science, 2012, 11, .	1.9	16
26	Additional support for an association between OLR1 and milk fat traits in cattle. Animal Genetics, 2007, 38, 308-310.	1.7	15
27	A whole genome scan for <scp>QTL</scp> affecting milk protein percentage in <scp>I</scp>talian <scp>H</scp>olstein cattle, applying selective milk <scp>DNA</scp> pooling and multiple marker mapping in a daughter design. Animal Genetics, 2012, 43, 72-86.	1.7	14
28	Heritabilities and Genetic Correlations of Body Condition Score and Muscularity with Productive Traits and their Trend Functions in Italian Simmental Cattle. Italian Journal of Animal Science, 2013, 12, e40.	1.9	14
29	Sustainable transparent farm animal breeding and reproduction. Livestock Science, 2006, 103, 282-291.	1.6	13
30	A copy number variant scan in the autochthonous Valdostana Red Pied cattle breed and comparison with specialized dairy populations. PLoS ONE, 2018, 13, e0204669.	2.5	13
31	Genome-Wide Association Study in Mexican Holstein Cattle Reveals Novel Quantitative Trait Loci Regions and Confirms Mapped Loci for Resistance to Bovine Tuberculosis. Animals, 2019, 9, 636.	2.3	13
32	Effects of Clustering Herds with Small-Sized Contemporary Groups in Dairy Cattle Genetic Evaluations. Journal of Dairy Science, 2008, 91, 377-384.	3.4	12
33	Copy Number Variation Mapping and Genomic Variation of Autochthonous and Commercial Turkey Populations. Frontiers in Genetics, 2019, 10, 982.	2.3	12
34	Identification and Validation of Copy Number Variants in Italian Brown Swiss Dairy Cattle Using Illumina Bovine SNP50 Beadchip^{Â®}. Italian Journal of Animal Science, 2015, 14, 3900.	1.9	11
35	Mitochondrial DNA genetic diversity in six Italian donkey breeds (Equus asinus). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2018, 29, 409-418.	0.7	11
36	Estimates of missing heritability for complex traits in Brown Swiss cattle. Genetics Selection Evolution, 2014, 46, 36.	3.0	10

#	Article	IF	Citations
37	A genome-wide scan of copy number variants in three Iranian indigenous river buffaloes. BMC Genomics, 2021, 22, 305.	2.8	10
38	Expected Effects on Protein Yield of Marker-Assisted Selection at Quantitative Trait Loci Affecting Milk Yield and Milk Protein Percentage. Journal of Dairy Science, 2008, 91, 2857-2863.	3.4	8
39	Genetic Parameters of Fatty Acids in Italian Brown Swiss and Holstein Cows. Italian Journal of Animal Science, 2014, 13, 3208.	1.9	8
40	The Genomic Variation in the Aosta Cattle Breeds Raised in an Extensive Alpine Farming System. Animals, 2020, 10, 2385.	2.3	8
41	Genetic Diversity and Identification of Homozygosity-Rich Genomic Regions in Seven Italian Heritage Turkey (Meleagris gallopavo) Breeds. Genes, 2021, 12, 1342.	2.4	7
42	Detection of QTL for milk protein percentage in Italian Friesian cattle by AFLP markers and selective genotyping. Journal of Dairy Research, 2008, 75, 430-438.	1.4	6
43	The German Shorthair Pointer Dog Breed (Canis lupus familiaris): Genomic Inbreeding and Variability. Animals, 2020, 10, 498.	2.3	6
44	Genomic Analyses Unveil Helmeted Guinea Fowl (Numida meleagris) Domestication in West Africa. Genome Biology and Evolution, 2021, 13, .	2.5	6
45	Genetic variability of Akhal-Teke horses bred in Italy. PeerJ, 2018, 6, e4889.	2.0	6
46	Cytochrome Oxidase-I Sequence Based Studies of Commercially Available Pangasius Hypophthalmus in Italy. Italian Journal of Animal Science, 2015, 14, 3928.	1.9	5
47	Canine fertility: The consequences of selection for special traits. Reproduction in Domestic Animals, 2020, 55, 4-9.	1.4	5
48	Lifetime performances in Carora and Holstein cows in Venezuela. Journal of Animal Breeding and Genetics, 2002, 119, 83-92.	2.0	4
49	Estimation of Genetic Parameters for Perinatal Sucking Behavior of Italian Brown Swiss Calves. Journal of Dairy Science, 2007, 90, 4814-4820.	3.4	4
50	Estimates of marker effects for measures of milk flow in the Italian brown Swiss dairy cattle population. BMC Veterinary Research, 2012, 8, 199.	1.9	4
51	From the Editorsâ€"Animal selection: The genomics revolution. Animal Frontiers, 2012, 2, 1-2.	1.7	4
52	Feasibility Study on the FAO Chicken Microsatellite Panel to Assess Genetic Variability in the Turkey (Meleagris Gallopavo). Italian Journal of Animal Science, 2014, 13, 3334.	1.9	3
53	Variation of milk components in the Italian Brown cattle. Journal of Dairy Research, 2015, 82, 485-490.	1.4	3
54	Interfamiliar specific fertility in Italian Brown Swiss cattle. Italian Journal of Animal Science, 2009, 8, 132-134.	1.9	0

#	Article	IF	Citations
55	Genetic parameters and selection for casein content in Italian Holstein and Brown Swiss. Italian Journal of Animal Science, 2009, 8, 144-146.	1.9	0