

# Stefania Chessa

## List of Publications by Year in descending order

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64  
papers

2,063  
citations

236612

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64  
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docs citations

64  
times ranked

1757  
citing authors

#	ARTICLE	IF	CITATIONS
1	Invited review: Milk protein polymorphisms in cattle: Effect on animal breeding and human nutrition. <i>Journal of Dairy Science</i> , 2009, 92, 5335-5352.	1.4	352
2	Stearoyl-Coenzyme A Desaturase Gene Polymorphism and Milk Fatty Acid Composition in Italian Holsteins. <i>Journal of Dairy Science</i> , 2007, 90, 4458-4465.	1.4	155
3	Effects of Casein Haplotypes on Milk Production Traits in Italian Holstein and Brown Swiss Cattle. <i>Journal of Dairy Science</i> , 2004, 87, 4311-4317.	1.4	94
4	Diacylglycerol acyltransferase 1, stearoyl-CoA desaturase 1, and sterol regulatory element binding protein 1 gene polymorphisms and milk fatty acid composition in Italian Brown cattle. <i>Journal of Dairy Science</i> , 2010, 93, 753-763.	1.4	89
5	Casein Haplotype Structure in Five Italian Goat Breeds. <i>Journal of Dairy Science</i> , 2005, 88, 1561-1568.	1.4	88
6	Focusing on the Goat Casein Complex. <i>Journal of Dairy Science</i> , 2006, 89, 3178-3187.	1.4	84
7	Effects of Composite $\beta$ - and $\kappa$ -Casein Genotypes on Milk Coagulation, Quality, and Yield Traits in Italian Holstein Cows. <i>Journal of Dairy Science</i> , 2008, 91, 4022-4027.	1.4	84
8	Genetic diversity of Italian goat breeds assessed with a medium-density SNP chip. <i>Genetics Selection Evolution</i> , 2015, 47, 62.	1.2	72
9	Caprine $\beta$ -Casein (CSN3) Polymorphism: New Developments in Molecular Knowledge. <i>Journal of Dairy Science</i> , 2005, 88, 1490-1498.	1.4	68
10	Goat milk allergenicity as a function of $\beta$ S1-casein genetic polymorphism. <i>Journal of Dairy Science</i> , 2011, 94, 998-1004.	1.4	62
11	Nutritional properties of small ruminant food products and their role on human health. <i>Small Ruminant Research</i> , 2016, 135, 3-12.	0.6	52
12	Genetic structure of milk protein polymorphisms and effects on milk production traits in a local dairy cattle. <i>Journal of Animal Breeding and Genetics</i> , 2004, 121, 119-127.	0.8	47
13	Characterization of the Casein Gene Complex in West African Goats and Description of a New $\beta$ S1-Casein Polymorphism. <i>Journal of Dairy Science</i> , 2007, 90, 2989-2996.	1.4	47
14	Single Nucleotide Polymorphisms in the Ovine Casein Genes Detected by Polymerase Chain Reaction-Single Strand Conformation Polymorphism. <i>Journal of Dairy Science</i> , 2004, 87, 2606-2613.	1.4	45
15	Development of a Single Nucleotide Polymorphism Genotyping Microarray Platform for the Identification of Bovine Milk Protein Genetic Polymorphisms. <i>Journal of Dairy Science</i> , 2007, 90, 451-464.	1.4	43
16	Evaluation of the effects of different diets on microbiome diversity and fatty acid composition of rumen liquor in dairy goat. <i>Animal</i> , 2018, 12, 1856-1866.	1.3	41
17	Short communication: Influence of composite casein genotypes on additive genetic variation of milk production traits and coagulation properties in Holstein-Friesian cows. <i>Journal of Dairy Science</i> , 2010, 93, 3346-3349.	1.4	37
18	Genome sequence and analysis of <i>Lactobacillus helveticus</i> . <i>Frontiers in Microbiology</i> , 2013, 3, 435.	1.5	37

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19	Short Communication: Predominance of $\hat{\imath}^2$ -Casein (CSN2) C Allele in Goat Breeds Reared in Italy. <i>Journal of Dairy Science</i> , 2005, 88, 1878-1881.	1.4	36
20	Effect of $\hat{\imath}^2$ -Casein Polymorphism on Milk Composition in the Orobica Goat. <i>Journal of Dairy Science</i> , 2007, 90, 1962-1966.	1.4	36
21	Genome sequencing of <i>Prototheca zopfii</i> genotypes 1 and 2 provides evidence of a severe reduction in organellar genomes. <i>Scientific Reports</i> , 2018, 8, 14637.	1.6	34
22	Direct effects of casein phosphopeptides on growth and differentiation of in vitro cultured osteoblastic cells (MC3T3-E1). <i>Regulatory Peptides</i> , 2010, 160, 168-174.	1.9	33
23	Candidate gene association analysis for milk yield, composition, urea nitrogen and somatic cell scores in Brown Swiss cows. <i>Animal</i> , 2014, 8, 1062-1070.	1.3	32
24	Investigating mutual relationship among milk fatty acids by multivariate factor analysis in dairy cows. <i>Livestock Science</i> , 2016, 188, 124-132.	0.6	28
25	Genetic variation and effects of candidate-gene polymorphisms on coagulation properties, curd firmness modeling and acidity in milk from Brown Swiss cows. <i>Animal</i> , 2015, 9, 1104-1112.	1.3	27
26	New genetic polymorphisms within ovine $\hat{\imath}^2$ - and $\hat{\imath}^{\pm S2}$ -caseins. <i>Small Ruminant Research</i> , 2010, 88, 84-88.	0.6	24
27	Selection for milk coagulation properties predicted by Fourier transform infrared spectroscopy in the Italian Holstein-Friesian breed. <i>Journal of Dairy Science</i> , 2014, 97, 4512-4521.	1.4	24
28	Short Communication: Simultaneous Identification of Five $\hat{\imath}^2$ -Casein (CSN3) Alleles in Domestic Goat by Polymerase Chain Reaction-Single Strand Conformation Polymorphism. <i>Journal of Dairy Science</i> , 2003, 86, 3726-3729.	1.4	22
29	Divergence at the casein haplotypes in dairy and meat goat breeds. <i>Journal of Dairy Research</i> , 2010, 77, 56-62.	0.7	21
30	The Garfagnina goat: A zootechnical overview of a local dairy population. <i>Journal of Dairy Science</i> , 2010, 93, 4659-4667.	1.4	21
31	Short Communication: The $\hat{\imath}^2$ -Casein (CSN2) Silent Allele C1 Is Highly Spread in Goat Breeds. <i>Journal of Dairy Science</i> , 2008, 91, 4433-4436.	1.4	17
32	Short Communication: Carora Cattle Show High Variability in $\hat{\imath}^{\pm S1}$ -Casein. <i>Journal of Dairy Science</i> , 2008, 91, 354-359.	1.4	16
33	Analysis of candidate SNPs affecting milk and functional traits in the dual-purpose Italian Simmental cattle. <i>Livestock Science</i> , 2015, 173, 1-8.	0.6	15
34	A method for single nucleotide polymorphism selection for parentage assessment in goats. <i>Journal of Dairy Science</i> , 2016, 99, 3646-3653.	1.4	15
35	Identification of SNPs Associated with Somatic Cell Score in Candidate Genes in Italian Holstein Friesian Bulls. <i>Animals</i> , 2021, 11, 366.	1.0	15
36	Technical note: Identification of <i>Prototheca</i> species from bovine milk samples by PCR-single strand conformation polymorphism. <i>Journal of Dairy Science</i> , 2012, 95, 6963-6968.	1.4	13

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37	The Grey Goat of Lanzo Valleys (Fiurin�): Breed characteristics, genetic diversity, and quantitative-qualitative milk traits. <i>Small Ruminant Research</i> , 2014, 116, 1-13.	0.6	13
38	Characterization and Genetic Study of the Ovine $\beta$ -S2-Casein (CSN1S2) Allele B. <i>Protein Journal</i> , 2009, 28, 333-340.	0.7	12
39	Rumination time as a potential predictor of common diseases in high-productive Holstein dairy cows. <i>Journal of Dairy Research</i> , 2017, 84, 385-390.	0.7	12
40	Technical Note: Simultaneous Identification of CSN1S2 A, B, C, and E Alleles in Goats by Polymerase Chain Reaction-Single Strand Conformation Polymorphism. <i>Journal of Dairy Science</i> , 2008, 91, 1214-1217.	1.4	10
41	Goat Milk with Different Alpha-s1 Casein Genotype (CSN1S1) Fermented by Selected <i>Lactobacillus paracasei</i> as Potential Functional Food. <i>Fermentation</i> , 2019, 5, 55.	1.4	10
42	Genome-wide analysis of DNA methylation in hypothalamus and ovary of <i>Capra hircus</i> . <i>BMC Genomics</i> , 2017, 18, 476.	1.2	9
43	Variation of Vitamin D in Cow's Milk and Interaction with $\beta$ -Lactoglobulin. <i>Molecules</i> , 2013, 18, 10122-10131.	1.7	8
44	The effect of selection on casein genetic polymorphisms and haplotypes in Italian Holstein cattle. <i>Italian Journal of Animal Science</i> , 2020, 19, 833-839.	0.8	8
45	The casein genes in goat breeds from different Continents: analysis by Polymerase Chain Reaction $\beta$ -Single Strand Conformation Polymorphism (PCR-SSCP). <i>Italian Journal of Animal Science</i> , 2007, 6, 73-75.	0.8	7
46	Genetic diversity within economically important loci in European, Middle Eastern, and African sheep breeds: An insight into their development. <i>Small Ruminant Research</i> , 2017, 155, 72-80.	0.6	7
47	Polymerase chain reaction products (PCR) on $\beta$ -DNA barcode zone-resolved by temporal temperature gradient electrophoresis: A tool for species identification of mixed meat specimens $\beta$ . A technical note on preliminary results. <i>Food Control</i> , 2011, 22, 1471-1472.	2.8	6
48	<i>In vitro</i> evaluation of caseinophosphopeptides from different genetic variants on bone mineralization.. <i>Italian Journal of Animal Science</i> , 2009, 8, 42-44.	0.8	5
49	SNP identification in swine candidate genes for meat quality. <i>Livestock Science</i> , 2013, 155, 165-171.	0.6	5
50	Heritability of Teat Condition in Italian Holstein Friesian and Its Relationship with Milk Production and Somatic Cell Score. <i>Animals</i> , 2020, 10, 2271.	1.0	4
51	Genetic polymorphism of CSN1S2 in South African dairy goat populations. <i>South African Journal of Animal Sciences</i> , 2017, 47, 72.	0.2	3
52	The influence of $\beta$ -lactoglobulin genetic polymorphism on morphometric characteristics of milk fat globules and milk fatty acids composition in Italian Friesian cow. <i>Italian Journal of Animal Science</i> , 2007, 6, 449-449.	0.8	3
53	A 20-SNP Panel as a Tool for Genetic Authentication and Traceability of Pig Breeds. <i>Animals</i> , 2022, 12, 1335.	1.0	3
54	Microarray analysis applied to the study of milk protein loci in cattle. <i>Italian Journal of Animal Science</i> , 2005, 4, 7-9.	0.8	2

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55	Polymorphisms in swine candidate genes for meat quality detected by PCR-SSCP. Italian Journal of Animal Science, 2009, 8, 129-131.	0.8	2
56	Short communication: The unusual genetic trend of $\beta$ S1-casein in Alpine and Saanen breeds. Journal of Dairy Science, 2014, 97, 7975-7979.	1.4	2
57	First insights in the genetics of caseous lymphadenitis in goats. Italian Journal of Animal Science, 2017, 16, 31-38.	0.8	2
58	Letter to the Editor: About bovine $\beta$ 2-casofensin genetic variants – A comment on. Journal of Dairy Science, 2018, 101, 4705.	1.4	2
59	Casein genetic polymorphisms in goat breeds of Lombardy. Italian Journal of Animal Science, 2005, 4, 46-48.	0.8	1
60	Nutrigenomics in Animal Feeding: Digital Gene Expression Analysis in Poultry Fed Tenebrio molitor Larvae Meal. Poultry, 2022, 1, 14-29.	0.5	1
61	New Labelling Technology for Molecular Probes Applied to the Ligation Detection Reaction – Universal Array System. Molecular Biotechnology, 2011, 47, 1-8.	1.3	0
62	Genetic variability of milk proteins in two cattle breeds of Piedmont region and the potential effects on milk quality. Italian Journal of Animal Science, 2020, 19, 1483-1489.	0.8	0
63	Spinal Muscular Atrophy in Blonde D'Aquitaine Calves Is Not Associated With FVT1 Gene Mutation. Frontiers in Veterinary Science, 2020, 7, 348.	0.9	0
64	Short Communication: Ligase Detection Reaction as a genotyping technique to identify cats carrying the c.1024G>T mutation on TRPV4 gene. , 0, , .		0