

Sofia Mikko

List of Publications by Year in descending order

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51
papers

2,471
citations

201674

27
h-index

197818

49
g-index

54
all docs

54
docs citations

54
times ranked

2499
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of Swedish Warmblood fragile foal syndrome carriers and breeding prospects. <i>Genetics Selection Evolution</i> , 2022, 54, 4.	3.0	3
2	Using droplet digital PCR for the detection of hco-acr-8b levamisole resistance marker in <i>H. contortus</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2021, 15, 168-176.	3.4	8
3	A genome-wide scan for candidate lethal variants in Thoroughbred horses. <i>Scientific Reports</i> , 2020, 10, 13153.	3.3	9
4	Genetic Diversity and Signatures of Selection in a Native Italian Horse Breed Based on SNP Data. <i>Animals</i> , 2020, 10, 1005.	2.3	24
5	Inter- and intra-breed genome-wide copy number diversity in a large cohort of European equine breeds. <i>BMC Genomics</i> , 2019, 20, 759.	2.8	22
6	Mutations in ASIP and MC1R: dominant black and recessive black alleles segregate in native Swedish sheep populations. <i>Animal Genetics</i> , 2019, 50, 712-717.	1.7	14
7	Signatures of selection in the genome of Swedish warmblood horses selected for sport performance. <i>BMC Genomics</i> , 2019, 20, 717.	2.8	35
8	Genomic relatedness and diversity of Swedish native cattle breeds. <i>Genetics Selection Evolution</i> , 2019, 51, 56.	3.0	31
9	Genomic Divergence in Swedish Warmblood Horses Selected for Equestrian Disciplines. <i>Genes</i> , 2019, 10, 976.	2.4	11
10	A Nonsense Variant in the <i>ST14</i> Gene in Akhal-Teke Horses with Naked Foal Syndrome. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 1315-1321.	1.8	12
11	Genomic structure of the horse major histocompatibility complex class II region resolved using PacBio long-read sequencing technology. <i>Scientific Reports</i> , 2017, 7, 45518.	3.3	48
12	The evolutionary history of the <i>DMRT3</i> Gait keeper haplotype. <i>Animal Genetics</i> , 2017, 48, 551-559.	1.7	14
13	P4006 Equine major histocompatibility complex class II region: Long-read sequencing and annotation of nine bacterial artificial chromosome clones. <i>Journal of Animal Science</i> , 2016, 94, 82-82.	0.5	0
14	Large Deletions at the SHOX Locus in the Pseudoautosomal Region Are Associated with Skeletal Atavism in Shetland Ponies. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 2213-2223.	1.8	29
15	Conformation Traits and Gaits in the Icelandic Horse are Associated with Genetic Variants in <i>Myostatin</i> (<i>MSTN</i>). <i>Journal of Heredity</i> , 2016, 107, 431-437.	2.4	6
16	Regulatory mutations in <i>TBX3</i> disrupt asymmetric hair pigmentation that underlies Dun camouflage color in horses. <i>Nature Genetics</i> , 2016, 48, 152-158.	21.4	59
17	Using an Inbred Horse Breed in a High Density Genome-Wide Scan for Genetic Risk Factors of Insect Bite Hypersensitivity (IBH). <i>PLoS ONE</i> , 2016, 11, e0152966.	2.5	28
18	Frequencies of polymorphisms in myostatin vary in Icelandic horses according to the use of the horses. <i>Animal Genetics</i> , 2015, 46, 467-468.	1.7	2

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19	Genetic Diversity of Five Local Swedish Chicken Breeds Detected by Microsatellite Markers. PLoS ONE, 2015, 10, e0120580.	2.5	49
20	Evaluation of whole-genome sequencing of four Chinese crested dogs for variant detection using the ion proton system. Canine Genetics and Epidemiology, 2015, 2, 16.	2.8	5
21	The DMRT3 "Gait keeper"™ mutation affects performance of Nordic and Standardbred trotters1. Journal of Animal Science, 2014, 92, 4279-4286.	0.5	23
22	Worldwide frequency distribution of the "Gait keeper"™ mutation in the DMRT3 gene. Animal Genetics, 2014, 45, 274-282.	1.7	74
23	Icelandic horses with the Silver coat colour show altered behaviour in a fear reaction test. Applied Animal Behaviour Science, 2013, 146, 72-78.	1.9	19
24	Genetic Diversity in the Modern Horse Illustrated from Genome-Wide SNP Data. PLoS ONE, 2013, 8, e54997.	2.5	214
25	Genome-Wide Analysis Reveals Selection for Important Traits in Domestic Horse Breeds. PLoS Genetics, 2013, 9, e1003211.	3.5	240
26	The Origin of Amniotic Polymorphonuclear Leucocytes in the Mare. Reproduction in Domestic Animals, 2013, 48, e88-e89.	1.4	5
27	Polymorphisms and variants in the prion protein sequence of European moose (<i>Alces alces</i>), reindeer (<i>Rangifer tarandus</i>), roe deer (<i>Capreolus capreolus</i>) and fallow deer (<i>Dama</i>) Tj ETQq1 1 01784314 rgBT /Over	1.7	14
28	Mutations in DMRT3 affect locomotion in horses and spinal circuit function in mice. Nature, 2012, 488, 642-646.	27.8	364
29	Copy number expansion of the STX17 duplication in melanoma tissue from Grey horses. BMC Genomics, 2012, 13, 365.	2.8	34
30	The genetic origin and history of speed in the Thoroughbred racehorse. Nature Communications, 2012, 3, 643.	12.8	77
31	The same ELA class II risk factors confer equine insect bite hypersensitivity in two distinct populations. Immunogenetics, 2012, 64, 201-208.	2.4	40
32	Targeted analysis of four breeds narrows equine Multiple Congenital Ocular Anomalies locus to 208 kilobases. Mammalian Genome, 2011, 22, 353-360.	2.2	13
33	Polymorphisms in SPINK5 do not associate with insect bite hypersensitivity in Icelandic horses born in Sweden. Animal Genetics, 2009, 40, 790-791.	1.7	4
34	On the Origin of Indonesian Cattle. PLoS ONE, 2009, 4, e5490.	2.5	46
35	Genetic analysis of insect bite hypersensitivity (summer eczema) in Icelandic horses. Animal, 2008, 2, 360-365.	3.3	32
36	A missense mutation in PMEL17 is associated with the Silver coat color in the horse. BMC Genetics, 2006, 7, 46.	2.7	139

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37	Comparative linkage mapping of the Grey coat colour gene in horses1. <i>Animal Genetics</i> , 2005, 36, 390-395.	1.7	28
38	Pharmacological characterization of cloned chicken neuropeptideâ€ŸY receptors Y1 and Y5. <i>Journal of Neurochemistry</i> , 2002, 81, 462-471.	3.9	43
39	Heterozygosity excess at the cattleDRB locus revealed by large scale genotyping of two closely linked microsatellites. <i>Animal Genetics</i> , 1999, 30, 169-176.	1.7	12
40	Monomorphism and polymorphism at Mhc DRB loci in domestic and wild ruminants. <i>Immunological Reviews</i> , 1999, 167, 169-178.	6.0	106
41	A Comparative Analysis of Mhc DRB3 Polymorphism in the American Bison (<i>Bison bison</i>). <i>Journal of Heredity</i> , 1997, 88, 499-503.	2.4	41
42	Nomenclature for factors of the BoLA system, 1996: report of the ISAG BoLA Nomenclature Committee. <i>Animal Genetics</i> , 1997, 28, 159-168.	1.7	106
43	BoLA class II nucleotide sequences, 1996: report of the ISAG BoLA Nomenclature Committee. <i>Animal Genetics</i> , 1997, 28, 169-180.	1.7	39
44	THE SPECIFICITY OF ANTI-HLA CLASS II MONOCLONAL ANTIBODIES IN CATTLE. <i>International Journal of Immunogenetics</i> , 1997, 24, 211-223.	1.2	0
45	A phylogenetic analysis of cattle DRB3 alleles with a deletion of codon 65. <i>Immunogenetics</i> , 1997, 47, 23-29.	2.4	15
46	Limited polymorphism at major histocompatibility complex (MHC) loci in the Swedish moose <i>A. alces</i> . <i>Molecular Ecology</i> , 1996, 5, 3-9.	3.9	52
47	The PCR typing of MHC-DRB genes in the sheep using primers for an intronic microsatellite: Application to nematode parasite resistance. <i>Immunology and Cell Biology</i> , 1996, 74, 330-336.	2.3	36
48	Low major histocompatibility complex class II diversity in European and North American moose.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 4259-4263.	7.1	109
49	Extensive MHC class II DRB3 diversity in African and European cattle. <i>Immunogenetics</i> , 1995, 42, 408-13.	2.4	55
50	Generation of MHC Class II Diversity by Intra- and Intergenic Recombination. <i>Immunological Reviews</i> , 1995, 143, 5-12.	6.0	53
51	Close genetic linkage between DRBP1 and CYP21 in the MHC of cattle. <i>Mammalian Genome</i> , 1994, 5, 731-734.	2.2	6