

Hideyuki Mannen

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92
papers

1,608
citations

17
h-index

38
g-index

97
ext. papers

1,881
ext. citations

2.2
avg, IF

4.07
L-index

#	Paper	IF	Citations
92	Genotype of stearoyl-coA desaturase is associated with fatty acid composition in Japanese Black cattle. <i>Mammalian Genome</i> , 2004 , 15, 142-8	3.2	205
91	Whole genome linkage disequilibrium maps in cattle. <i>BMC Genetics</i> , 2007 , 8, 74	2.6	165
90	Zebu cattle are an exclusive legacy of the South Asia neolithic. <i>Molecular Biology and Evolution</i> , 2010 , 27, 1-6	8.3	147
89	Transcriptional profiling of skeletal muscle tissue from two breeds of cattle. <i>Mammalian Genome</i> , 2005 , 16, 201-10	3.2	124
88	Genotype of bovine sterol regulatory element binding protein-1 (SREBP-1) is associated with fatty acid composition in Japanese Black cattle. <i>Mammalian Genome</i> , 2007 , 18, 880-6	3.2	82
87	An assessment of population structure in eight breeds of cattle using a whole genome SNP panel. <i>BMC Genetics</i> , 2008 , 9, 37	2.6	74
86	Association between fatty acid compositions and genotypes of FABP4 and LXR-alpha in Japanese black cattle. <i>BMC Genetics</i> , 2008 , 9, 84	2.6	74
85	Effect of SCD and SREBP genotypes on fatty acid composition in adipose tissue of Japanese Black cattle herds. <i>Animal Science Journal</i> , 2009 , 80, 225-32	1.8	50
84	Mitochondrial DNA reveal that domestic goat (<i>Capra hircus</i>) are genetically affected by two subspecies of bezoar (<i>Capra aegagurus</i>). <i>Biochemical Genetics</i> , 2001 , 39, 145-54	2.4	50
83	Genetic diversity and structure in <i>Bos taurus</i> and <i>Bos indicus</i> populations analyzed by SNP markers. <i>Animal Science Journal</i> , 2010 , 81, 281-9	1.8	41
82	The Japanese Wagyu beef industry: current situation and future prospects - A review. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018 , 31, 933-950	2.4	40
81	Identification and utilization of genes associated with beef qualities. <i>Animal Science Journal</i> , 2011 , 82, 1-7	1.8	39
80	Effect of DNA polymorphisms related to fatty acid composition in adipose tissue of Holstein cattle. <i>Animal Science Journal</i> , 2011 , 82, 406-11	1.8	34
79	Genome-wide association study for fatty acid composition in Japanese Black cattle. <i>Animal Science Journal</i> , 2013 , 84, 675-82	1.8	32
78	The SNPs in the ACACA gene are effective on fatty acid composition in Holstein milk. <i>Molecular Biology Reports</i> , 2012 , 39, 8637-44	2.8	30
77	Allele frequencies of the extension locus encoding the melanocortin-1 receptor in Japanese and Korean cattle. <i>Animal Science Journal</i> , 2005 , 76, 129-132	1.8	25
76	The ubiquitin ligase gene (WWP1) is responsible for the chicken muscular dystrophy. <i>FEBS Letters</i> , 2008 , 582, 2212-8	3.8	23

75	The SNPs in the promoter regions of the bovine FADS2 and FABP4 genes are associated with beef quality traits. <i>Livestock Science</i> , 2014 , 163, 34-40	1.7	15
74	Identification of SNPs in the FASN gene and their effect on fatty acid milk composition in Holstein cattle. <i>Livestock Science</i> , 2012 , 144, 281-284	1.7	15
73	The g.841G>C SNP of FASN gene is associated with fatty acid composition in beef cattle. <i>Animal Science Journal</i> , 2015 , 86, 737-46	1.8	15
72	Genetic structure and relationships of 16 Asian and European cattle populations using DigiTag2 assay. <i>Animal Science Journal</i> , 2016 , 87, 190-6	1.8	15
71	The SNP in the promoter region of the bovine ELOVL5 gene influences economic traits including subcutaneous fat thickness. <i>Molecular Biology Reports</i> , 2013 , 40, 3231-7	2.8	14
70	Characterization of mouse ubiquitin-like SMT3A and SMT3B cDNAs and gene/pseudogenes. <i>IUBMB Life</i> , 1998 , 46, 1161-74	4.7	14
69	Identification of leptin gene polymorphisms associated with carcass traits and fatty acid composition in Japanese Black cattle. <i>Animal Science Journal</i> , 2017 , 88, 433-438	1.8	12
68	Identification of divergently selected regions between Japanese Black and Holstein cattle using bovine 50k SNP array. <i>Animal Science Journal</i> , 2012 , 83, 7-13	1.8	11
67	Allele frequencies of gene polymorphisms related to economic traits in <i>Bos taurus</i> and <i>Bos indicus</i> cattle breeds. <i>Animal Science Journal</i> , 2011 , 82, 717-21	1.8	11
66	Allele distributions and frequencies of the six prion protein gene (PRNP) polymorphisms in Asian native cattle, Japanese breeds, and mython (<i>Bos frontalis</i>). <i>Biochemical Genetics</i> , 2010 , 48, 829-39	2.4	11
65	Development and Mapping of Microsatellite Markers Derived from cDNA in Japanese Quail (<i>Coturnix japonica</i>). <i>Journal of Poultry Science</i> , 2005 , 42, 263-271	1.6	11
64	A genome-wide association study for fat-related traits computed by image analysis in Japanese Black cattle. <i>Animal Science Journal</i> , 2018 , 89, 743-751	1.8	10
63	Polymorphism and evolutionary profile of mitochondrial DNA control region inferred from the sequences of Pakistani goats. <i>Animal Science Journal</i> , 2004 , 75, 303-309	1.8	10
62	The mtDNA haplogroup P of modern Asian cattle: A genetic legacy of Asian aurochs?. <i>PLoS ONE</i> , 2018 , 13, e0190937	3.7	10
61	The Eurasian Steppe is an important goat propagation route: A phylogeographic analysis using mitochondrial DNA and Y-chromosome sequences of Kazakhstani goats. <i>Animal Science Journal</i> , 2019 , 90, 317-322	1.8	10
60	Pinpointing the candidate region for muscular dystrophy in chickens with an abnormal muscle gene. <i>Animal Science Journal</i> , 2007 , 78, 476-483	1.8	9
59	Sequences of the lizard cDNAs encoding lactate dehydrogenase (LDH) isozymes A (muscle) and B (heart). <i>Gene</i> , 1996 , 171, 303-4	3.8	9
58	Characterization of WWP1 protein expression in skeletal muscle of muscular dystrophy chickens. <i>Journal of Biochemistry</i> , 2016 , 159, 171-9	3.1	8

57	Low mitochondrial DNA diversity of Japanese Polled and Kuchinoshima feral cattle. <i>Animal Science Journal</i> , 2017 , 88, 739-744	1.8	8
56	UTS2R gene polymorphisms are associated with fatty acid composition in Japanese beef cattle. <i>Animal Science Journal</i> , 2014 , 85, 499-505	1.8	8
55	Development of discrimination markers between Japanese domestic and imported beef. <i>Animal Science Journal</i> , 2011 , 82, 67-72	1.8	8
54	Effects of genes on economically important traits of Japanese Black cattle in Hyogo population 2013 , 84, 157-162		7
53	Allelic frequencies and association with carcass traits of six genes in local subpopulations of Japanese Black cattle. <i>Animal Science Journal</i> , 2016 , 87, 469-76	1.8	7
52	Sheep genetic diversity in Bhutan using microsatellite markers. <i>Animal Science Journal</i> , 2010 , 81, 145-51	1.8	6
51	Expression Pattern of WWP1 in Muscular Dystrophic and Normal Chickens. <i>Journal of Poultry Science</i> , 2009 , 46, 95-99	1.6	6
50	Cattle mitogenome variation reveals a post-glacial expansion of haplogroup P and an early incorporation into northeast Asian domestic herds. <i>Scientific Reports</i> , 2020 , 10, 20842	4.9	6
49	Whole-genome resequencing to identify candidate genes for the QTL for oleic acid percentage in Japanese Black cattle. <i>Animal Science Journal</i> , 2019 , 90, 467-472	1.8	6
48	Detection of candidate polymorphisms around the QTL for fat area ratio to rib eye area on BTA7 using whole-genome resequencing in Japanese Black cattle. <i>Animal Science Journal</i> , 2020 , 91, e13335	1.8	5
47	Practical capability and cost effectiveness of a DNA pool-based genome-wide association study using BovineSNP50 array in a cattle population. <i>Animal Science Journal</i> , 2012 , 83, 719-26	1.8	5
46	Genes Associated with Fatty Acid Composition of Beef. <i>Food Science and Technology Research</i> , 2012 , 18, 1-6	0.8	5
45	The novel polymorphism of the beta 3-adrenergic receptor gene and its distribution in domestic pigs and wild boars in Asia. <i>Animal Science Journal</i> , 2007 , 78, 243-250	1.8	5
44	Linkage mapping of four chicken calpain genes. <i>Animal Science Journal</i> , 2005 , 76, 121-127	1.8	5
43	Morphometric profiles of the mandible of SMXA recombinant inbred strains of mice and strain identification on the basis of mandible measurements. <i>Experimental Animals</i> , 1993 , 42, 41-50	1.8	5
42	DNA fingerprinting for individual identification and parentage test in Japanese Black cattle using five different mini-and one micro-satellite probes. <i>The Journal of Animal Genetics</i> , 1993 , 21, 62-68		5
41	Genetic diversity and structure in Asian native goat analyzed by newly developed SNP markers. <i>Animal Science Journal</i> , 2013 , 84, 579-84	1.8	4
40	Mutated WWP1 Induces an Aberrant Expression of Myosin Heavy Chain Gene in C2C12 Skeletal Muscle Cells. <i>Journal of Poultry Science</i> , 2010 , 47, 115-119	1.6	4

39	Mapping of expressed sequence tag markers with a cDNA-amplified fragment length polymorphism method in Japanese quail (<i>Coturnix japonica</i>). <i>Animal Science Journal</i> , 2006 , 77, 42-46	1.8	4
38	Identification of inbred strains of mice and genetic relationships between strains as assessed by DNA fingerprinting. <i>Experimental Animals</i> , 1993 , 42, 169-73	1.8	4
37	Pool-based genome-wide association study identified novel candidate regions on BTA9 and 14 for oleic acid percentage in Japanese Black cattle. <i>Animal Science Journal</i> , 2018 , 89, 1060-1066	1.8	4
36	Application of DNA markers for discrimination between Japanese and Australian Wagyu beef. <i>Animal Science Journal</i> , 2018 , 89, 257-258	1.8	3
35	Comparative analysis on gene expression profiles in longissimus dorsi muscle of Japanese Black cattle. <i>Journal of Animal Genetics</i> , 2013 , 41, 07-14	0.1	3
34	Accumulation of caveolin-3 protein is limited in damaged muscle in chicken muscular dystrophy. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010 , 157, 68-72 ^{2.6}	2.6	3
33	Establishment of inbred strain of long-haired golden hamster. <i>Experimental Animals</i> , 1993 , 42, 343-7	1.8	3
32	Effect of DNA markers on the fertility traits of Japanese Black cattle for improving beef quantity and quality. <i>Archives Animal Breeding</i> , 2020 , 63, 9-17	1.6	3
31	Allelic distributions of genes involved in economical traits, hereditary disorder, and coat color in a population of Kuchinoshima cattle. <i>Journal of Animal Genetics</i> , 2014 , 42, 11-19	0.1	3
30	Genetic diversities and population structures of four popular Myanmar local cattle breeds. <i>Animal Science Journal</i> , 2018 , 89, 1648-1655	1.8	3
29	Genetic diversity of growth hormone receptor gene in cattle. <i>Animal Science Journal</i> , 2009 , 80, 528-31	1.8	2
28	A new tandem repeat in bovine fibrinogen Aalpha gene. <i>Animal Biotechnology</i> , 2008 , 19, 122-6	1.4	2
27	Identification of sublines of inbred strains of mice and assessment of genetic relationships between substrains or sublines by DNA fingerprinting. <i>Experimental Animals</i> , 1994 , 43, 521-6	1.8	2
26	Phylogeographic Analysis of Madagascan Goats Using mtDNA Control Region and Gene Sequences. <i>Zoological Science</i> , 2019 , 36, 294-298	0.8	2
25	Usefulness of DNA Fingerprinting for Swine. <i>Animal Blood-group Research Information</i> , 1991 , 1991, 39-44		2
24	FGF5 and EPAS1 gene polymorphisms are associated with high-altitude adaptation in Nepalese goat breeds. <i>Animal Science Journal</i> , 2021 , 92, e13640	1.8	2
23	Genetic diversity of Myanmar cattle breeds using complete mitochondrial D-loop sequence. <i>Journal of Animal Genetics</i> , 2018 , 46, 57-67	0.1	2
22	The SNPs in bovine MMP14 promoter influence on fat-related traits. <i>Meta Gene</i> , 2019 , 20, 100558	0.7	1

21	Suppression of WWP1 Gene Via RNAi Induced the Reduction of Proliferation Rate of C2C12 Myoblasts. <i>Journal of Poultry Science</i> , 2010 , 47, 288-293	1.6	1
20	Estimating chromosomal genetic diversity of Kuchinoshima feral cattle using high density SNP chip 2016 , 87, 219-226		1
19	Identification of the Gene Responsible for Chicken Muscular Dystrophy. <i>Korean Journal of Poultry Science</i> , 2011 , 38, 145-154	0.4	1
18	Application of DNA Fingerprinting to Domestic Animals. <i>Animal Blood-group Research Information</i> , 1991 , 1991, 11-18		1
17	Application of DNA Fingerprinting for Laboratory Animals. <i>Animal Blood-group Research Information</i> , 1992 , 1992, 27-31		1
16	Genetic characteristics of Korean Jeju Black cattle with high density single nucleotide polymorphisms. <i>Animal Bioscience</i> , 2021 , 34, 789-800	0	1
15	The non-synonymous mutation in bovine gene influences carcass weight. <i>Heliyon</i> , 2019 , 5, e03006	3.6	1
14	Kazakhstani native cattle reveal highly divergent mtDNA from <i>Bos taurus</i> and <i>Bos indicus</i> lineages with an absence of <i>Bos indicus</i> Y chromosome. <i>Animal Science Journal</i> , 2019 , 90, 29-34	1.8	1
13	Effect of STARD3 gene polymorphism on carcass traits and fatty acid composition in Japanese Black cattle. <i>Journal of Animal Genetics</i> , 2019 , 47, 37-45	0.1	0
12	Identification of quantitative trait loci affecting economic traits based on divergently selected genomic regions between beef and dairy cattle. <i>Livestock Science</i> , 2013 , 155, 180-185	1.7	0
11	Origin and Demographic History of Philippine Pigs Inferred from Mitochondrial DNA.. <i>Frontiers in Genetics</i> , 2021 , 12, 823364	4.5	0
10	Mitochondrial genetic diversity of goat in South Eastern Asia 2013 , 84, 149-155		
9	Identification and minisatellite linkage analysis of SMXA recombinant inbred strains of mice by DNA fingerprinting. <i>Experimental Animals</i> , 1995 , 44, 87-93	1.8	
8	A chicken linkage map constructed using AFLP markers. <i>Journal of Animal Genetics</i> , 2000 , 28, 95-100		
7	Genetic factors that affect on fatty acid composition of bovine carcass fat. <i>Journal of Animal Genetics</i> , 2003 , 30, 17-20		
6	Search for the candidate genes of chicken muscular dystrophy. <i>Journal of Animal Genetics</i> , 2004 , 31, 33-39		
5	DNA Fingerprinting in Horse using Three Probes. <i>The Journal of Animal Genetics</i> , 1993 , 21, 39-43		
4	. <i>Journal of Animal Genetics</i> , 2010 , 38, 21-28	0.1	

- 3 Indonesian native goats (*Capra hircus*) reveal highest genetic frequency of mitochondrial DNA haplogroup B in the world. *Animal Science Journal*, **2020**, 91, e13485 1.8
- 2 The rare mtDNA haplogroup P observed in Japanese Holstein cattle. *Journal of Animal Genetics*, **2018**, 46, 49-55 0.1
- 1 Recent achievements of candidate polymorphism detection for fatty acid composition in Japanese Black cattle. *Journal of Animal Genetics*, **2021**, 49, 67-75 0.1