

Shinnosuke Takeshima

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,902
citations

218381

26
h-index

264894

42
g-index

52
all docs

52
docs citations

52
times ranked

1126
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of pathogenesis induced by bovine leukemia virus as a model for human T-cell leukemia virus. <i>Frontiers in Microbiology</i> , 2013, 4, 328.	1.5	149
2	Structure, function and disease susceptibility of the bovine major histocompatibility complex. <i>Animal Science Journal</i> , 2006, 77, 138-150.	0.6	95
3	BLV-CoCoMo-qPCR: Quantitation of bovine leukemia virus proviral load using the CoCoMo algorithm. <i>Retrovirology</i> , 2010, 7, 91.	0.9	89
4	A new genotype of bovine leukemia virus in South America identified by NGS-based whole genome sequencing and molecular evolutionary genetic analysis. <i>Retrovirology</i> , 2016, 13, 4.	0.9	88
5	Identification of bovine leukocyte antigen class II haplotypes associated with variations in bovine leukemia virus proviral load in Japanese Black cattle. <i>Tissue Antigens</i> , 2013, 81, 72-82.	1.0	75
6	Risk factors associated with increased bovine leukemia virus proviral load in infected cattle in Japan from 2012 to 2014. <i>Virus Research</i> , 2015, 210, 283-290.	1.1	75
7	The diversity of bovine MHC class II DRB3 genes in Japanese Black, Japanese Shorthorn, Jersey and Holstein cattle in Japan. <i>Gene</i> , 2003, 316, 111-118.	1.0	69
8	HIV-1 Vpr Induces Interferon-Stimulated Genes in Human Monocyte-Derived Macrophages. <i>PLoS ONE</i> , 2014, 9, e106418.	1.1	67
9	Evidence for cattle major histocompatibility complex (BoLA) class II <i>DQA1</i> gene heterozygote advantage against clinical mastitis caused by <i>Streptococci</i> and <i>Escherichia</i> species. <i>Tissue Antigens</i> , 2008, 72, 525-531.	1.0	64
10	BLV-CoCoMo-qPCR: a useful tool for evaluating bovine leukemia virus infection status. <i>BMC Veterinary Research</i> , 2012, 8, 167.	0.7	64
11	Estimation of bovine leukemia virus (BLV) proviral load harbored by lymphocyte subpopulations in BLV-infected cattle at the subclinical stage of enzootic bovine leucosis using BLV-CoCoMo-qPCR. <i>BMC Veterinary Research</i> , 2013, 9, 95.	0.7	64
12	Identification of new cattle BoLA-DRB3 alleles by sequence-based typing. <i>Immunogenetics</i> , 2001, 53, 74-81.	1.2	61
13	Detection and molecular characterization of bovine leukemia virus in Philippine cattle. <i>Archives of Virology</i> , 2015, 160, 285-296.	0.9	59
14	Detection of the BLV provirus from nasal secretion and saliva samples using BLV-CoCoMo-qPCR-2: Comparison with blood samples from the same cattle. <i>Virus Research</i> , 2015, 210, 248-254.	1.1	50
15	Genetic polymorphism of the swine major histocompatibility complex (SLA) class II genes, SLA-1, -2 and -3. <i>Immunogenetics</i> , 2003, 55, 583-593.	1.2	48
16	A Mutant Form of the Tax Protein of Bovine Leukemia Virus (BLV), with Enhanced Transactivation Activity, Increases Expression and Propagation of BLV In Vitro but Not In Vivo. <i>Journal of Virology</i> , 2003, 77, 1894-1903.	1.5	46
17	The diversity of bovine MHC class II DRB3 and DQA1 alleles in different herds of Japanese Black and Holstein cattle in Japan. <i>Gene</i> , 2011, 472, 42-49.	1.0	45
18	BLV-CoCoMo-qPCR-2: improvements to the BLV-CoCoMo-qPCR assay for bovine leukemia virus by reducing primer degeneracy and constructing an optimal standard curve. <i>Archives of Virology</i> , 2015, 160, 1325-1332.	0.9	44

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19	Identification and diversity of bovine major histocompatibility complex class II haplotypes in Japanese Black and Holstein cattle in Japan. <i>Journal of Dairy Science</i> , 2012, 95, 420-431.	1.4	42
20	Characterization of bovine MHC DRB3 diversity in Latin American Creole cattle breeds. <i>Gene</i> , 2013, 519, 150-158.	1.0	41
21	A new method for typing bovine major histocompatibility complex class II DRB3 alleles by combining two established PCR sequence-based techniques. <i>Tissue Antigens</i> , 2011, 78, 208-213.	1.0	38
22	Sequences and diversity of 17 new Ovar-DRB1 alleles from three breeds of sheep. <i>International Journal of Immunogenetics</i> , 2003, 30, 275-282.	1.2	36
23	Characterization of bovine MHC class II DRB3 diversity in South American Holstein cattle populations. <i>Tissue Antigens</i> , 2015, 86, 419-430.	1.0	36
24	Association of BoLA-DRB3 alleles identified by a sequence-based typing method with mastitis pathogens in Japanese Holstein cows. <i>Animal Science Journal</i> , 2009, 80, 498-509.	0.6	30
25	Assessment of biodiversity in Chilean cattle using the distribution of major histocompatibility complex class II DRB3 allele. <i>Tissue Antigens</i> , 2015, 85, 35-44.	1.0	29
26	Establishment of a sequence-based typing system for BoLA-DQA1 exon 2. <i>Tissue Antigens</i> , 2007, 69, 189-199.	1.0	28
27	Inhibition of human immunodeficiency virus type 1 (HIV-1) nuclear import via Vpr-Importin β interactions as a novel HIV-1 therapy. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 838-843.	1.0	27
28	Technical Note: DNA Typing for Ovine MHC DRB1 Using Polymerase Chain Reaction-Restriction Fragment Length Polymorphism (PCR-RFLP). <i>Journal of Dairy Science</i> , 2003, 86, 3362-3365.	1.4	26
29	Novel CD8+ cytotoxic T cell epitopes in bovine leukemia virus with cattle. <i>Vaccine</i> , 2015, 33, 7194-7202.	1.7	25
30	Distribution and origin of bovine major histocompatibility complex class II DQA1 genes in Japan. <i>Tissue Antigens</i> , 2008, 72, 195-205.	1.0	23
31	Association of the amino acid motifs of BoLA-DRB3 alleles with mastitis pathogens in Japanese Holstein cows. <i>Animal Science Journal</i> , 2009, 80, 510-519.	0.6	23
32	MHC class II DR classification based on antigen-binding groove natural selection. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 137-142.	1.0	22
33	Short communication: Establishment of a new polymerase chain reaction sequence-based typing method for genotyping cattle major histocompatibility complex class II DRB3. <i>Journal of Dairy Science</i> , 2009, 92, 2965-2970.	1.4	22
34	Identification and characterization of common B cell epitope in bovine leukemia virus via high-throughput peptide screening system in infected cattle. <i>Retrovirology</i> , 2015, 12, 106.	0.9	20
35	Association of Bovine Leukemia Virus-Induced Lymphoma with BoLA-DRB3 Polymorphisms at DNA, Amino Acid, and Binding Pocket Property Levels. <i>Pathogens</i> , 2021, 10, 437.	1.2	19
36	The pH-Sensitive Fusogenic 3-Methyl-Glutarylated Hyperbranched Poly(Glycidol)-Conjugated Liposome Induces Antigen-Specific Cellular and Humoral Immunity. <i>Vaccine Journal</i> , 2012, 19, 1492-1498.	3.2	18

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37	Association between BoLA-DRB3 and somatic cell count in Holstein cattle from Argentina. <i>Molecular Biology Reports</i> , 2012, 39, 7215-7220.	1.0	17
38	The human immunodeficiency virus type 1 Vpr protein and its carboxy-terminally truncated form induce apoptosis in tumor cells. <i>Cancer Cell International</i> , 2009, 9, 20.	1.8	15
39	Haplotype determination of the upstream regulatory region and the second exon of the <i>BoLA-DRB3</i> gene in Holstein cattle. <i>Tissue Antigens</i> , 2014, 83, 180-183.	1.0	14
40	Risk Assessment of Bovine Major Histocompatibility Complex Class II DRB3 Alleles for Perinatal Transmission of Bovine Leukemia Virus. <i>Pathogens</i> , 2021, 10, 502.	1.2	14
41	Kinetic Study of BLV Infectivity in BLV Susceptible and Resistant Cattle in Japan from 2017 to 2019. <i>Pathogens</i> , 2021, 10, 1281.	1.2	13
42	BoLA-DRB3 Polymorphism Controls Proviral Load and Infectivity of Bovine Leukemia Virus (BLV) in Milk. <i>Pathogens</i> , 2022, 11, 210.	1.2	13
43	Development of a direct blood-based PCR system to detect BLV provirus using CoCoMo primers. <i>Archives of Virology</i> , 2016, 161, 1539-1546.	0.9	12
44	pH-sensitive carbonate apatite nanoparticles as DNA vaccine carriers enhance humoral and cellular immunity. <i>Vaccine</i> , 2014, 32, 6199-6205.	1.7	10
45	Positively charged cholesterol–recombinant human gelatins foster the cellular uptake of proteins and murine immune reactions. <i>International Journal of Nanomedicine</i> , 2012, 7, 5437.	3.3	8
46	Bovine Leukemia Virus Infection Affects Host Gene Expression Associated with DNA Mismatch Repair. <i>Pathogens</i> , 2020, 9, 909.	1.2	8
47	Induction of antigen-specific immunity by pH-sensitive carbonate apatite as a potent vaccine carrier. <i>Biochemical and Biophysical Research Communications</i> , 2011, 415, 597-601.	1.0	7
48	Synthesis of a Vpr-Binding Derivative for Use as a Novel HIV-1 Inhibitor. <i>PLoS ONE</i> , 2015, 10, e0145573.	1.1	5
49	Identification and characterization of two CD4 alleles in Microminipigs. <i>BMC Veterinary Research</i> , 2016, 12, 222.	0.7	4
50	Bovine Leukemia Virus High Tax Molecular Clone Experimentally Induces Leukemia/Lymphoma in Sheep. <i>Journal of Veterinary Medical Science</i> , 2005, 67, 1231-1235.	0.3	3
51	The diversity of major histocompatibility complex class II <i>DRB1</i> gene in sheep breeds from Xinjiang, China. <i>Tissue Antigens</i> , 2015, 85, 50-57.	1.0	2