

Hironobu Murakami

List of Publications by Year in descending order

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47
papers

895
citations

471509

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501196

28
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49
all docs

49
docs citations

49
times ranked

935
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.	3.5	149
2	BLV-CoCoMo-qPCR: a useful tool for evaluating bovine leukemia virus infection status. <i>BMC Veterinary Research</i> , 2012, 8, 167.	1.9	64
3	Piperacillin and ceftazidime produce the strongest synergistic phage-antibiotic effect in <i>Pseudomonas aeruginosa</i> . <i>Archives of Virology</i> , 2018, 163, 1941-1948.	2.1	58
4	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.	2.2	50
5	Nationwide Distribution of Bovine Influenza D Virus Infection in Japan. <i>PLoS ONE</i> , 2016, 11, e0163828.	2.5	50
6	Bovine leukemia virus integration site selection in cattle that develop leukemia. <i>Virus Research</i> , 2011, 156, 107-112.	2.2	49
7	Virus purification by CsCl density gradient using general centrifugation. <i>Archives of Virology</i> , 2017, 162, 3523-3528.	2.1	45
8	Visualizing bovine leukemia virus (BLV)-infected cells and measuring BLV proviral loads in the milk of BLV seropositive dams. <i>Veterinary Research</i> , 2019, 50, 102.	3.0	30
9	Development of a luminescence syncytium induction assay (LuSIA) for easily detecting and quantitatively measuring bovine leukemia virus infection. <i>Archives of Virology</i> , 2018, 163, 1519-1530.	2.1	28
10	Age-related analysis of the gut microbiome in a purebred dog colony. <i>FEMS Microbiology Letters</i> , 2019, 366, .	1.8	28
11	Examination of the fecal microbiota in dairy cows infected with bovine leukemia virus. <i>Veterinary Microbiology</i> , 2020, 240, 108547.	1.9	27
12	Analyses of Short-Term Antagonistic Evolution of <i>Pseudomonas aeruginosa</i> Strain PAO1 and Phage KPP22 (Myoviridae Family, PB1-Like Virus Genus). <i>Applied and Environmental Microbiology</i> , 2016, 82, 4482-4491.	3.1	26
13	Molecular Mechanism of HIV-1 Vpr for Binding to Importin- β . <i>Journal of Molecular Biology</i> , 2016, 428, 2744-2757.	4.2	24
14	Adsorption of Staphylococcus viruses S13 α and S24-1 on Staphylococcus aureus strains with different glycosidic linkage patterns of wall teichoic acids. <i>Journal of General Virology</i> , 2017, 98, 2171-2180.	2.9	23
15	Variations in the viral genome and biological properties of bovine leukemia virus wild-type strains. <i>Virus Research</i> , 2018, 253, 103-111.	2.2	21
16	Inefficient viral replication of bovine leukemia virus induced by spontaneous deletion mutation in the G4 gene. <i>Journal of General Virology</i> , 2016, 97, 2753-2762.	2.9	19
17	Nuclear Exportin Receptor CAS Regulates the NPI-1-Mediated Nuclear Import of HIV-1 Vpr. <i>PLoS ONE</i> , 2011, 6, e27815.	2.5	19
18	Association between bovine leukemia virus proviral load and severity of clinical mastitis. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 1431-1437.	0.9	18

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19	A point mutation to the long terminal repeat of bovine leukemia virus related to viral productivity and transmissibility. <i>Virology</i> , 2019, 537, 45-52.	2.4	18
20	Serological survey of equine viral diseases in Mongolia. <i>Microbiology and Immunology</i> , 2011, 55, 289-292.	1.4	16
21	Visualizing spatiotemporal dynamics of apoptosis after G1 arrest by human T cell leukemia virus type 1 Tax and insights into gene expression changes using microarray-based gene expression analysis. <i>BMC Genomics</i> , 2012, 13, 275.	2.8	14
22	BoLA-DRB3 Polymorphism Controls Proviral Load and Infectivity of Bovine Leukemia Virus (BLV) in Milk. <i>Pathogens</i> , 2022, 11, 210.	2.8	13
23	Novel neuroprotective hydroquinones with a vinyl alkyne from the fungus, <i>Pestalotiopsis microspora</i> . <i>Journal of Antibiotics</i> , 2019, 72, 793-799.	2.0	11
24	Bovine leukemia virus G4 enhances virus production. <i>Virus Research</i> , 2017, 238, 213-217.	2.2	10
25	Protein Arginine N-methyltransferases 5 and 7 Promote HIV-1 Production. <i>Viruses</i> , 2020, 12, 355.	3.3	9
26	Amplification of complete gag gene sequences from geographically distinct equine infectious anemia virus isolates. <i>Journal of Virological Methods</i> , 2013, 189, 41-46.	2.1	8
27	Chromophobe Renal Cell Carcinoma with Sarcomatoid Transformation in a Dog. <i>Journal of Veterinary Diagnostic Investigation</i> , 2010, 22, 983-987.	1.1	7
28	Potential Application of Bacteriophages in Enrichment Culture for Improved Prenatal <i>Streptococcus agalactiae</i> Screening. <i>Viruses</i> , 2018, 10, 552.	3.3	7
29	Specific antiviral effect of violaceoid E on bovine leukemia virus. <i>Virology</i> , 2021, 562, 1-8.	2.4	7
30	Analysis of Syk Expression in Bovine Lymphoma and Persistent Lymphocytosis Induced by Bovine Leukemia Virus. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 41-45.	0.9	6
31	Sphingomyelin maintains the cutaneous barrier via regulation of the STAT3 pathway. <i>FASEB Journal</i> , 2022, 36, e22111.	0.5	6
32	A nasal osteoma with an acute course in a Japanese Black heifer. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 1220-1224.	0.9	5
33	Recovery of mycobacteriophages from archival stocks stored for approximately 50 years in Japan. <i>Archives of Virology</i> , 2018, 163, 1915-1919.	2.1	5
34	Genome Sequences of 12 Mycobacteriophages Recovered from Archival Stocks in Japan. <i>Genome Announcements</i> , 2018, 6, .	0.8	4
35	Development of multipurpose recombinant reporter bovine leukemia virus. <i>Virology</i> , 2020, 548, 226-235.	2.4	3
36	SQAP, an acyl sulfoquinovosyl derivative, suppresses expression of histone deacetylase and induces cell death of cancer cells under hypoxic conditions. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 85-91.	1.3	3

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37	Analyses of propagation processes of Staphylococcus aureus bacteriophages S13 and S25-3 in two different taxonomies by definitive screening design. <i>Virus Research</i> , 2021, 298, 198406.	2.2	3
38	A novel real time PCR assay for bovine leukemia virus detection using mixed probes and degenerate primers targeting novel BLV strains. <i>Journal of Virological Methods</i> , 2021, 297, 114264.	2.1	3
39	Subpopulation Primers Essential for Exhaustive Detection of Diverse Hemagglutinin Genes of H5 Subtype Avian Influenza Viruses by Loop-Mediated Isothermal Amplification Method. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	2
40	Use of Recombinant Endolysin to Improve Accuracy of Group B Streptococcus Tests. <i>Microbiology Spectrum</i> , 2021, 9, e0007721.	3.0	2
41	Screening of bacterial DNA in bile sampled from healthy dogs and dogs suffering from liver- or gallbladder-associated disease. <i>Journal of Veterinary Medical Science</i> , 2022, 84, 1019-1022.	0.9	2
42	Purification of membrane vesicles from Gram-positive bacteria using flow cytometry, after iodixanol density-gradient ultracentrifugation. <i>Research in Microbiology</i> , 2021, 172, 103792.	2.1	1
43	Broad detection and quick differentiation of bovine viral diarrhea viruses 1 and 2 by a reverse transcription loop-mediated isothermal amplification test. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 1321-1329.	0.9	1
44	Heterogeneous IgE reactivities to <i>Staphylococcus pseudintermedius</i> strains in dogs with atopic dermatitis, and the identification of DM13-domain-containing protein as a bacterial IgE-reactive molecule. <i>FEMS Microbiology Letters</i> , 2022, 369, .	1.8	1
45	Analysis of transmissibility and pathogenesis in bovine leukemia virus. <i>Denki Eido</i> , 2018, 62, 49-54.	0.0	0
46	Diagnosis of a sublaryngeal abscess in a Japanese Black calf using computed tomography. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 1497-1501.	0.9	0
47	Congenital malformations of the external and middle ear accompanied by temporal bone anomaly in a calf. <i>Journal of Veterinary Medical Science</i> , 2022, 84, .	0.9	0