

Kazuaki Takehara

List of Publications by Year in descending order

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85
papers

1,629
citations

346980

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406436

35
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85
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times ranked

1513
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and Molecular Characterization of Fowl Adenovirus and Avian Reovirus from Breeder Chickens in Japan in 2019–2021. <i>Journal of Veterinary Medical Science</i> , 2022, 84, 238-243.	0.3	5
2	Rapid in vitro virucidal activity of slightly acidic hypochlorous acid water toward aerosolized coronavirus in simulated human-dispersed droplets. <i>Virus Research</i> , 2022, 311, 198701.	1.1	3
3	Characterization of an avian rotavirus A strain isolated from a velvet scoter (<i>Melanitta fusca</i>): implication for the role of migratory birds in global spread of avian rotaviruses. <i>Journal of General Virology</i> , 2022, 103, .	1.3	5
4	G and P genotype profiles of rotavirus a field strains circulating in a vaccinated bovine farm as parameters for assessing biosecurity level. <i>Journal of Veterinary Medical Science</i> , 2022, 84, 929-937.	0.3	7
5	Isolation, Identification, and Molecular Characterization of Newcastle Disease Virus from Field Outbreaks in Chickens in Afghanistan. <i>Avian Diseases</i> , 2022, 66, .	0.4	2
6	Evaluation of Virucidal Quantitative Carrier Test towards Bovine Viruses for Surface Disinfectants While Simulating Practical Usage on Livestock Farms. <i>Microorganisms</i> , 2022, 10, 1320.	1.6	2
7	Establishment and utilization of an evaluation system for virucidal activity of disinfectants against a coronavirus with apparent applicability to SARS-CoV-2. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 48-52.	0.3	9
8	Virucidal activity of slightly acidic hypochlorous acid water toward influenza virus and coronavirus with tests simulating practical usage. <i>Virus Research</i> , 2021, 297, 198383.	1.1	13
9	Synergistic effects of quaternary ammonium compounds and food additive grade calcium hydroxide on microbicidal activities at low temperatures. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 1820-1825.	0.3	6
10	Longitudinal and cross-sectional detection of four bovine enteric viruses by multiplex- reverse transcription polymerase chain reaction: Identification of possible indicator viruses to assess biosecurity level at bovine farms. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 314-319.	0.3	3
11	Bactericidal efficacy of potassium peroxydisulfate under various concentrations, organic material conditions, exposure timing and its application on various surface carriers. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 320-324.	0.3	10
12	Regression of viral pathogen indicators due to improvement of hygiene protocols on boots in a bovine farm. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 1793-1797.	0.3	4
13	Bactericidal efficacies of food additive grade calcium hydroxide toward <i>Legionella pneumophila</i> . <i>Journal of Veterinary Medical Science</i> , 2019, 81, 1318-1325.	0.3	0
14	Stability and virucidal efficacies using powder and liquid forms of fresh charcoal ash and slaked lime against Newcastle disease virus and Avian influenza virus. <i>Veterinary World</i> , 2019, 12, 1-6.	0.7	9
15	Inhibitory effect of grapefruit seed extract (GSE) on avian pathogens. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 466-472.	0.3	16
16	Bactericidal and virucidal efficacies of food additive grade calcium hydroxide under various concentrations, organic material conditions, exposure duration, and its stability. <i>Veterinary World</i> , 2019, 12, 1383-1389.	0.7	4
17	Virucidal efficacy of food additive grade calcium hydroxide against surrogate of human norovirus. <i>Journal of Virological Methods</i> , 2018, 251, 83-87.	1.0	15
18	Virucidal activity of a quaternary ammonium compound associated with calcium hydroxide on avian influenza virus, Newcastle disease virus and infectious bursal disease virus. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 574-577.	0.3	17

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19	Bactericidal Efficacy of Food Additive‐Grade Calcium Hydroxide Against <i>Salmonella</i> <i>Infantis</i> on Eggshells. <i>Avian Diseases</i> , 2018, 62, 177-183.	0.4	7
20	Bactericidal and virucidal efficacies of potassium monopersulfate and its application for inactivating avian influenza virus on virus-spiked clothes. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 568-573.	0.3	20
21	Bactericidal efficacy of a quaternary ammonium compound with food additive grade calcium hydroxide toward <i>Salmonella</i> <i>Infantis</i> and <i>Escherichia coli</i> on abiotic carriers. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 1482-1489.	0.3	8
22	The study of effect of didecyl dimethyl ammonium bromide on bacterial and viral decontamination for biosecurity in the animal farm. <i>Veterinary World</i> , 2018, 11, 706-711.	0.7	11
23	Virucidal Efficacy of a Quaternary Ammonium Compound with Food Additive‐Grade Calcium Hydroxide Toward Avian Influenza Virus and Newcastle Disease Virus on Abiotic Carriers. <i>Avian Diseases</i> , 2018, 62, 355.	0.4	11
24	Accuracy of the evaluation method for alkaline agents™ bactericidal efficacies in solid, and the required time of bacterial inactivation. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 244-247.	0.3	15
25	Enhancement of bactericidal effects of sodium hypochlorite in chiller water with food additive grade calcium hydroxide. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 1019-1023.	0.3	18
26	Durability of alkaline agents™ bactericidal efficacies in litter under field conditions. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 815-817.	0.3	7
27	Cacao bean husk: an applicable bedding material in dairy free-stall barns. <i>Asian-Australasian Journal of Animal Sciences</i> , 2017, 30, 1048-1053.	2.4	10
28	Calcinated egg shell as a candidate of biosecurity enhancement material. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 831-836.	0.3	15
29	Inactivation of bacteria on surfaces by sprayed slightly acidic hypochlorous acid water: <i>in vitro</i> & <i>in vivo</i> experiments. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 1123-1128.	0.3	23
30	Virucidal Properties of Bioceramic Derived from Chicken Feces pH 13 and its Stability in Harsh Environments. <i>Avian Diseases</i> , 2016, 60, 613-617.	0.4	3
31	TMPRSS2 Independency for Haemagglutinin Cleavage In Vivo Differentiates Influenza B Virus from Influenza A Virus. <i>Scientific Reports</i> , 2016, 6, 29430.	1.6	19
32	Evaluation of sprayed hypochlorous acid solutions for their virucidal activity against avian influenza virus through <i>in vitro</i> experiments. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 211-215.	0.3	46
33	Inhibition of infectious bursal disease virus transmission using bioceramic derived from chicken feces. <i>Virus Research</i> , 2015, 204, 6-12.	1.1	12
34	Aerosol Disinfection Capacity of Slightly Acidic Hypochlorous Acid Water Towards Newcastle Disease Virus in the Air: An <i>In Vivo</i> Experiment. <i>Avian Diseases</i> , 2015, 59, 486-491.	0.4	23
35	A Mutant H3N2 Influenza Virus Uses an Alternative Activation Mechanism in TMPRSS2 Knockout Mice by Loss of an Oligosaccharide in the Hemagglutinin Stalk Region. <i>Journal of Virology</i> , 2015, 89, 5154-5158.	1.5	32
36	Efficacy of scallop shell powders and slaked lime for inactivating avian influenza virus under harsh conditions. <i>Archives of Virology</i> , 2015, 160, 2577-2581.	0.9	28

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37	Inactivation of Avian Influenza Virus, Newcastle Disease Virus and Goose Parvovirus Using Solution of Nano-Sized Scallop Shell Powder. <i>Journal of Veterinary Medical Science</i> , 2014, 76, 1277-1280.	0.3	45
38	Inactivation of Goose Parvovirus, Avian Influenza Virus and Phage by Photocatalyst on Polyethylen Terephthalate Film under Light Emitting Diode (LED). <i>Journal of Veterinary Medical Science</i> , 2013, 75, 1091-1093.	0.3	5
39	Genetic Analysis of Avian Influenza Viruses: Cocirculation of Avian Influenza Viruses with Allele A and B Nonstructural Gene in Northern Pintail (<i>Anas acuta</i>) Ducks Wintering in Japan. <i>Influenza Research and Treatment</i> , 2012, 2012, 1-10.	1.5	3
40	Persistence of Avian Influenza Viruses in Various Artificially Frozen Environmental Water Types. <i>Influenza Research and Treatment</i> , 2012, 2012, 1-11.	1.5	31
41	Situation of Serum Antibodies against Newcastle Disease Virus in Slaughter-Age Ostriches after Vaccination Campaign in Japan. <i>Journal of Veterinary Medical Science</i> , 2012, 74, 477-480.	0.3	3
42	Strategies of Newcastle Disease Vaccination for Commercial Ostrich Farms in Japan. <i>Journal of Veterinary Medical Science</i> , 2012, 74, 905-908.	0.3	4
43	Irrelevance between the Induction of Anti-Campylobacter Humoral Response by a Bacterin and the Lack of Protection against Homologous Challenge in Japanese Jidori Chickens. <i>Journal of Veterinary Medical Science</i> , 2012, 74, 75-78.	0.3	5
44	Efficacy of Soluble Recombinant FliC Protein from <i>Salmonella enterica</i> Serovar Enteritidis as a Potential Vaccine Candidate Against Homologous Challenge in Chickens. <i>Avian Diseases</i> , 2012, 56, 354-358.	0.4	19
45	Antiviral Activity of Scallop-Shell Powder against Avian Influenza Virus and Goose Parvovirus. <i>Transactions of the Materials Research Society of Japan</i> , 2012, 37, 567-570.	0.2	5
46	Surveillance and Characterization of Newcastle Disease Viruses Isolated from Northern Pintail (<i>Anas</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 9.4	0.4	9
47	Haemagglutinin and neuraminidase characterization of low pathogenic H5 and H7 avian influenza viruses isolated from Northern pintails (<i>Anas Acuta</i>) in Japan, with special reference to genomic and biogeographical aspects. <i>Virus Genes</i> , 2010, 40, 94-105.	0.7	19
48	Evaluation of human intestinal epithelial differentiated cells (Caco-2) for replication, plaque formation and isolation of avian influenza viruses. <i>Journal of Virological Methods</i> , 2010, 169, 232-238.	1.0	16
49	Inactivation of avian influenza virus H1N1 by photocatalyst under visible light irradiation. <i>Virus Research</i> , 2010, 151, 102-103.	1.1	45
50	Ceramic Powder Made from Chicken Feces: Anti-Viral Effects Against Avian Influenza Viruses. <i>Avian Diseases</i> , 2009, 53, 34-38.	0.4	20
51	Novel reovirus isolation from an Ostrich (<i>Struthio camelus</i>) in Japan. <i>Veterinary Microbiology</i> , 2009, 134, 227-232.	0.8	12
52	Avian influenza and Newcastle disease viruses from northern pintail in Japan: Isolation, characterization and inter-annual comparisons during 2006-2008. <i>Virus Research</i> , 2009, 143, 44-52.	1.1	38
53	Phenotypic, genetic, and phylogeographical characterization of avian influenza virus subtype H5N2 isolated from northern pintail (<i>Anas acuta</i>) in Japan. <i>Virus Research</i> , 2009, 145, 329-333.	1.1	7
54	Rapid, Sensitive, and Specific Detection of the O4 Group of <i>Salmonella enterica</i> by Loop-Mediated Isothermal Amplification. <i>Avian Diseases</i> , 2009, 53, 216-221.	0.4	23

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55	Loop-mediated isothermal amplification for the rapid, sensitive, and specific detection of the O9 group of Salmonella in chickens. <i>Veterinary Microbiology</i> , 2008, 132, 197-204.	0.8	53
56	Surveillance of Avian Influenza Viruses in Northern Pintails (<i>Anas acuta</i>) in Tohoku District, Japan. <i>Avian Diseases</i> , 2008, 52, 49-53.	0.4	37
57	Characterization of Newcastle Disease Virus Isolated from Northern Pintail (<i>Anas acuta</i>) in Japan. <i>Journal of Veterinary Medical Science</i> , 2007, 69, 1307-1311.	0.3	17
58	Comparative evaluation of a bivalent killed Salmonella vaccine to prevent egg contamination with Salmonella enterica serovars Enteritidis, Typhimurium, and Gallinarum biovar Pullorum, using 4 different challenge models. <i>Vaccine</i> , 2007, 25, 4837-4844.	1.7	39
59	High Level Expression of Biologically Active Canine Interferon-ALPHA. Subtype 4 Using a Baculovirus. <i>Journal of Veterinary Medical Science</i> , 2006, 68, 1347-1349.	0.3	5
60	Serological and Virological Studies of Newcastle Disease and Avian Influenza in Slaughter-Age Ostriches (<i>Struthio camelus</i>) in Japan. <i>Journal of Veterinary Medical Science</i> , 2006, 68, 491-494.	0.3	23
61	Antibody Responses in Ostriches (<i>Struthio camelus</i>) Vaccinated with Commercial Live and Killed Newcastle Disease Vaccines. <i>Journal of Veterinary Medical Science</i> , 2006, 68, 627-629.	0.3	5
62	High Level Expression Recombinant Chicken Interferon-ALPHA. Using Baculovirus. <i>Journal of Veterinary Medical Science</i> , 2005, 67, 25-28.	0.3	9
63	Bovine IL-18 ELISA: Detection of IL-18 in Sera of Pregnant Cow and Newborn Calf, and in Colostrum. <i>Journal of Immunoassay and Immunochemistry</i> , 2005, 26, 203-213.	0.5	7
64	The Effect of Killed Salmonella enteritidis Vaccine Prior to Induced Molting on the Shedding of S. enteritidis in Laying Hens. <i>Avian Diseases</i> , 2004, 48, 183-188.	0.4	35
65	High level expression, purification, and in vivo activity of bovine granulocyte-colony stimulating factor produced using a baculovirus system. <i>Veterinary Immunology and Immunopathology</i> , 2003, 96, 105-110.	0.5	1
66	Adjuvant Effect of Chicken Interferon-GAMMA. for Inactivated Salmonella Enteritidis Antigen. <i>Journal of Veterinary Medical Science</i> , 2003, 65, 1337-1341.	0.3	19
67	High Level Expression of C-terminal Truncated Recombinant Chicken Interferon-GAMMA. in Baculovirus Vector System.. <i>Journal of Veterinary Medical Science</i> , 2002, 64, 95-100.	0.3	11
68	Production and in vivo testing of a recombinant bovine IL-12 as an adjuvant for Salmonella Typhimurium vaccination in calves. <i>Veterinary Immunology and Immunopathology</i> , 2002, 86, 23-30.	0.5	7
69	High level expression and purification of bioactive bovine interleukin-18 using a baculovirus system. <i>Veterinary Immunology and Immunopathology</i> , 2002, 87, 65-72.	0.5	8
70	Expression of a bioactive bovine interleukin-12 using baculovirus. <i>Veterinary Immunology and Immunopathology</i> , 2000, 77, 15-25.	0.5	9
71	COXIELLOSIS IN DOMESTIC AND WILD BIRDS FROM JAPAN. <i>Journal of Wildlife Diseases</i> , 1998, 34, 310-316.	0.3	37
72	Detection of Goose and Muscovy Duck Parvoviruses using Polymerase Chain Reaction-Restriction Enzyme Fragment Length Polymorphism Analysis. <i>Avian Diseases</i> , 1998, 42, 133.	0.4	26

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73	Distribution of Attenuated Goose Parvoviruses in Muscovy Ducklings.. Journal of Veterinary Medical Science, 1998, 60, 341-344.	0.3	6
74	The Effect of the Flow of Air on Horizontal Transmission of Salmonella enteritidis in Chickens. Avian Diseases, 1997, 41, 354.	0.4	37
75	Detection of Goose parvovirus genome by polymerase chain reaction: distribution of Goose parvovirus in Muscovy ducklings. Virus Research, 1996, 42, 167-172.	1.1	31
76	Intrapituitary distribution and effects of annexin 5 on prolactin release. Endocrine, 1996, 5, 9-14.	2.2	9
77	Effectiveness of an Inactivated Goose Parvovirus Vaccine in Muscovy Ducks.. Journal of Veterinary Medical Science, 1995, 57, 1093-1095.	0.3	9
78	An Outbreak of Goose Parvovirus Infection in Japan.. Journal of Veterinary Medical Science, 1995, 57, 777-779.	0.3	28
79	Isolation, Identification, and Plaque Titration of Parvovirus from Muscovy Ducks in Japan. Avian Diseases, 1994, 38, 810.	0.4	39
80	Identification and Characterization of a Plaque Forming Avian Rotavirus Isolated from a Wild Bird in Japan.. Journal of Veterinary Medical Science, 1991, 53, 479-486.	0.3	37
81	Sequences and coding strategies of the S RNAs of Toscana and Rift Valley fever viruses compared to those of Punta Toro, Sicilian sandfly fever, and Uukuniemi viruses. Virology, 1991, 180, 738-753.	1.1	188
82	Characterization of baculovirus-expressed Rift Valley fever virus glycoproteins synthesized in insect cells. Virus Research, 1990, 17, 173-190.	1.1	11
83	Identification of mutations in the M RNA of a candidate vaccine strain of rift valley fever virus. Virology, 1989, 169, 452-457.	1.1	37
84	Immunogenic and protective properties of rabies virus glycoprotein expressed by baculovirus vectors. Virology, 1989, 173, 390-399.	1.1	88
85	Preparation and Characterization of Monoclonal Antibodies against an Avian Revirus. Avian Diseases, 1987, 31, 730.	0.4	14