

# Chang-Seon Song

## List of Publications by Year in Descending Order

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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.

127 papers	1,863 citations	21 h-index	37 g-index
140 ext. papers	2,379 ext. citations	5 avg, IF	4.82 L-index

#	Paper	IF	Citations
127	SARS-CoV-2 Omicron Mutation Is Faster than the Chase: Multiple Mutations on Spike/ACE2 Interaction Residues.. <i>Immune Network</i> , <b>2021</b> , 21, e38	6.1	7
126	Live Recombinant NDV-Vectored H5 Vaccine Protects Chickens and Domestic Ducks From Lethal Infection of the Highly Pathogenic H5N6 Avian Influenza Virus.. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 773715	3.1	2
125	Pigs Immunized with the Virus-like Particle Vaccine Are Protected against the Hepatitis E-3 Virus. <i>Vaccines</i> , <b>2021</b> , 9,	5.3	1
124	Hemin as a novel candidate for treating COVID-19 via heme oxygenase-1 induction. <i>Scientific Reports</i> , <b>2021</b> , 11, 21462	4.9	1
123	Disinfection of various materials with 3-(trimethoxysilyl)-propyldimethyloctadecyl am-monium chloride in hatchery facilities. <i>Animal Bioscience</i> , <b>2021</b> ,	0	1
122	Inhibition of endocytosis of porcine reproductive and respiratory syndrome virus by rottlerin and its potential prophylactic administration in piglets. <i>Antiviral Research</i> , <b>2021</b> , 195, 105191	10.8	0
121	SARS-CoV-2 Delta (B.1.617.2) Variant: A Unique T478K Mutation in Receptor Binding Motif (RBM) of Gene. <i>Immune Network</i> , <b>2021</b> , 21, e32	6.1	15
120	A chimeric porcine reproductive and respiratory syndrome virus (PRRSV)-2 vaccine is safe under international guidelines and effective both in experimental and field conditions. <i>Research in Veterinary Science</i> , <b>2021</b> , 135, 143-152	2.5	2
119	Canine interferon lambda 3 expressed using an adenoviral vector effectively induces antiviral activity against canine influenza virus. <i>Virus Research</i> , <b>2021</b> , 296, 198342	6.4	0
118	Detection of newly introduced Y280-lineage H9N2 avian influenza viruses in live bird markets in Korea. <i>Transboundary and Emerging Diseases</i> , <b>2021</b> ,	4.2	3
117	Genomic Analysis of Avian Infectious Bronchitis Viruses Recently Isolated in South Korea Reveals Multiple Introductions of GI-19 Lineage (QX Genotype). <i>Viruses</i> , <b>2021</b> , 13,	6.2	1
116	Asp149 and Asp152 in chicken and human ANP32A play an essential role in the interaction with influenza viral polymerase. <i>FASEB Journal</i> , <b>2021</b> , 35, e21630	0.9	1
115	Evaluation of insulated isothermal PCR devices for the detection of avian influenza virus. <i>Journal of Virological Methods</i> , <b>2021</b> , 292, 114126	2.6	2
114	Subclinical Infection and Transmission of Clade 2.3.4.4 H5N6 Highly Pathogenic Avian Influenza Virus in Mandarin Duck () and Domestic Pigeon (). <i>Viruses</i> , <b>2021</b> , 13,	6.2	3
113	Induction of IFN- $\lambda$ through TLR-3- and RIG-I-Mediated Signaling Pathways in Canine Respiratory Epithelial Cells Infected with H3N2 Canine Influenza Virus. <i>Journal of Microbiology and Biotechnology</i> , <b>2021</b> , 31, 942-948	3.3	0
112	A Size-Selectively Biomolecule-Immobilized Nanoprobe-Based Chemiluminescent Lateral Flow Immunoassay for Detection of Avian-Origin Viruses. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 792-800	7.8	11
111	Induction of immunocontraceptive effects in both male and female mice immunized with GnRH vaccine. <i>Veterinary Medicine and Science</i> , <b>2021</b> , 7, 1999-2007	2.1	1

110	COVID-19 Subunit Vaccine with a Combination of TLR1/2 and TLR3 Agonists Induces Robust and Protective Immunity. <i>Vaccines</i> , <b>2021</b> , 9,	5.3	4
109	Heme Oxygenase-1 Exerts Antiviral Activity against Hepatitis A Virus In Vitro. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	3
108	An NIR dual-emitting/absorbing inorganic compact pair: A self-calibrating LRET system for homogeneous virus detection. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 190, 113369	11.8	1
107	Whole-Genome Sequencing Analysis of. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	8
106	Structure of SARS-CoV-2 Spike Glycoprotein for Therapeutic and Preventive Target. <i>Immune Network</i> , <b>2021</b> , 21, e8	6.1	2
105	Highly Pathogenic Avian Influenza Clade 2.3.4.4b Subtype H5N8 Virus Isolated from Mandarin Duck in South Korea, 2020. <i>Viruses</i> , <b>2020</b> , 12,	6.2	20
104	C-di-GMP with influenza vaccine showed enhanced and shifted immune responses in microneedle vaccination in the skin. <i>Drug Delivery and Translational Research</i> , <b>2020</b> , 10, 815-825	6.2	10
103	Live bird markets as evolutionary epicentres of H9N2 low pathogenicity avian influenza viruses in Korea. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 616-627	18.9	8
102	A self-calibrating electrochemical aptasensing platform: Correcting external interference errors for the reliable and stable detection of avian influenza viruses. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 152, 112010	11.8	9
101	Domestic ducks play a major role in the maintenance and spread of H5N8 highly pathogenic avian influenza viruses in South Korea. <i>Transboundary and Emerging Diseases</i> , <b>2020</b> , 67, 844-851	4.2	13
100	Cross-Species Transmission of Swine Hepatitis E Virus Genotype 3 to Rabbits. <i>Viruses</i> , <b>2020</b> , 12,	6.2	4
99	Integrated Bioaerosol Sampling/Monitoring Platform: Field-Deployable and Rapid Detection of Airborne Viruses. <i>ACS Sensors</i> , <b>2020</b> , 5, 3915-3922	9.2	6
98	Comparison of microbiota in the cloaca, colon, and magnum of layer chicken. <i>PLoS ONE</i> , <b>2020</b> , 15, e0237108	3.7	4
97	The 3D8 single chain variable fragment protein suppresses Newcastle disease virus transmission in transgenic chickens. <i>BMC Veterinary Research</i> , <b>2020</b> , 16, 273	2.7	1
96	Host-Specific Restriction of Avian Influenza Virus Caused by Differential Dynamics of ANP32 Family Members. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 221, 71-80	7	15
95	Comparison of microbiota in the cloaca, colon, and magnum of layer chicken <b>2020</b> , 15, e0237108		
94	Comparison of microbiota in the cloaca, colon, and magnum of layer chicken <b>2020</b> , 15, e0237108		
93	Comparison of microbiota in the cloaca, colon, and magnum of layer chicken <b>2020</b> , 15, e0237108		

92 Comparison of microbiota in the cloaca, colon, and magnum of layer chicken **2020**, 15, e0237108

91	Evaluation of the protective effects of a nanogel-based vaccine against rabbit hepatitis E virus. <i>Vaccine</i> , <b>2019</b> , 37, 5972-5978	4.1	3
90	Bioengineering a highly productive vaccine strain in embryonated chicken eggs and mammals from a non-pathogenic clade 2.3.4.4 H5N8 strain. <i>Vaccine</i> , <b>2019</b> , 37, 6154-6161	4.1	4
89	Different pathogenicity of two strains of clade 2.3.4.4c H5N6 highly pathogenic avian influenza viruses bearing different PA and NS gene in domestic ducks. <i>Virology</i> , <b>2019</b> , 530, 11-18	3.6	7
88	Characterization of microbial communities in the chicken oviduct and the origin of chicken embryo gut microbiota. <i>Scientific Reports</i> , <b>2019</b> , 9, 6838	4.9	46
87	Specific detection of avian influenza H5N2 whole virus particles on lateral flow strips using a pair of sandwich-type aptamers. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 134, 123-129	11.8	40
86	Comparative genome analysis of Korean field strains of infectious laryngotracheitis virus. <i>PLoS ONE</i> , <b>2019</b> , 14, e0211158	3.7	6
85	Snake fang-inspired stamping patch for transdermal delivery of liquid formulations. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	51
84	Novel Mutations Evading Avian Immunity around the Receptor Binding Site of the Clade 2.3.2.1c Hemagglutinin Gene Reduce Viral Thermostability and Mammalian Pathogenicity. <i>Viruses</i> , <b>2019</b> , 11,	6.2	1
83	Immunocontraceptive Effects in Male Rats Vaccinated with Gonadotropin-Releasing Hormone-I and -II Protein Complex. <i>Journal of Microbiology and Biotechnology</i> , <b>2019</b> , 29, 658-664	3.3	4
82	Identification of Hepatitis E Virus in Bovine and Porcine Raw Livers. <i>Journal of Microbiology and Biotechnology</i> , <b>2019</b> , 29, 2022-2025	3.3	8
81	Rapid Subtyping and Pathotyping of Avian Influenza Virus using Chip-based RT-PCR. <i>Biochip Journal</i> , <b>2019</b> , 13, 333-340	4	4
80	Evidence of hepatitis E virus infection in specific pathogen-free rabbits in Korea. <i>Virus Genes</i> , <b>2018</b> , 54, 587-590	2.3	8
79	Rapid and background-free detection of avian influenza virus in opaque sample using NIR-to-NIR upconversion nanoparticle-based lateral flow immunoassay platform. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 112, 209-215	11.8	60
78	Molecular characterization and genetic diversity of avian paramyxovirus type 4 isolated in South Korea from 2013 to 2017. <i>Infection, Genetics and Evolution</i> , <b>2018</b> , 61, 127-133	4.5	3
77	Isolation and genomic characterization of a novel avian orthoreovirus strain in Korea, 2014. <i>Archives of Virology</i> , <b>2018</b> , 163, 1307-1316	2.6	11
76	Reduction of mycoplasmal lesions and clinical signs by vaccination against <i>Mycoplasma hyorhinis</i> . <i>Veterinary Immunology and Immunopathology</i> , <b>2018</b> , 196, 14-17	2	7
75	Prevalence and characterization of in two integrated broiler operations in Korea. <i>Irish Veterinary Journal</i> , <b>2018</b> , 71, 3	2.2	12

74	Molecular Characterization of Avian Paramyxovirus Types 4 and 8 Isolated from Wild Migratory Waterfowl in Mongolia. <i>Journal of Wildlife Diseases</i> , <b>2018</b> , 54, 342-346	1.3	3
73	Discrimination of Avian Influenza Virus Subtypes using Host-Cell Infection Fingerprinting by a Sulfinate-based Fluorescence Superoxide Probe. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 9716-9721	16.4	14
72	Discrimination of Avian Influenza Virus Subtypes using Host-Cell Infection Fingerprinting by a Sulfinate-based Fluorescence Superoxide Probe. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 9864-9869	3.6	0
71	The possible origin of human adenovirus type 3: Evidence of natural genetic recombination between human and simian adenovirus. <i>Infection, Genetics and Evolution</i> , <b>2018</b> , 65, 380-384	4.5	1
70	Pathobiological and Genomic Characterization of a Cold-Adapted Infectious Bronchitis Virus (BP-caKII). <i>Viruses</i> , <b>2018</b> , 10,	6.2	2
69	New Reassortant Clade 2.3.4.4b Avian Influenza A(H5N6) Virus in Wild Birds, South Korea, 2017-18. <i>Emerging Infectious Diseases</i> , <b>2018</b> , 24, 1953-1955	10.2	17
68	Detection of hepatitis E virus genotypes 3 and 4 in pig farms in Korea. <i>Journal of Veterinary Science</i> , <b>2018</b> , 19, 309-312	1.6	8
67	Pathogenesis of Human Norovirus Genogroup II Genotype 4 in Post-Weaning Gnotobiotic Pigs. <i>Journal of Microbiology and Biotechnology</i> , <b>2018</b> , 28, 2133-2140	3.3	4
66	Efficacy of clade 2.3.2 H5 commercial vaccines in protecting chickens from clade 2.3.4.4 H5N8 highly pathogenic avian influenza infection. <i>Vaccine</i> , <b>2017</b> , 35, 1316-1322	4.1	9
65	Prevalence and genetic features of rabbit hepatitis E virus in Korea. <i>Journal of Medical Virology</i> , <b>2017</b> , 89, 1995-2002	19.7	18
64	Optimization of inactivated H5N9 highly pathogenic avian influenza vaccine and inactivated Salmonella enterica serovar Typhimurium vaccine with antigen dose and prime-boost regimen in domestic ducks. <i>Poultry Science</i> , <b>2017</b> , 96, 3079-3085	3.9	1
63	Detection of Avian Influenza Virus from Cloacal Swabs Using a Disposable Well Gate FET Sensor. <i>Advanced Healthcare Materials</i> , <b>2017</b> , 6, 1700371	10.1	19
62	Complete Genome Sequence of an Avian Paramyxovirus Type 4 Strain Isolated from Domestic Duck at a Live Bird Market in South Korea. <i>Genome Announcements</i> , <b>2017</b> , 5,		3
61	Isolation of an H5N8 Highly Pathogenic Avian Influenza Virus Strain from Wild Birds in Seoul, a Highly Urbanized Area in South Korea. <i>Journal of Wildlife Diseases</i> , <b>2017</b> , 53, 630-635	1.3	3
60	Experimental infection with highly pathogenic H5N8 avian influenza viruses in the Mandarin duck ( <i>Aix galericulata</i> ) and domestic pigeon ( <i>Columba livia domestica</i> ). <i>Veterinary Microbiology</i> , <b>2017</b> , 203, 95-102	3.3	24
59	Adverse fetal outcomes in pregnant rabbits experimentally infected with rabbit hepatitis E virus. <i>Virology</i> , <b>2017</b> , 512, 187-193	3.6	15
58	Optimized clade 2.3.2.1c H5N1 recombinant-vaccine strains against highly pathogenic avian influenza. <i>Journal of Veterinary Science</i> , <b>2017</b> , 18, 299-306	1.6	3
57	Experimental infection of dogs with highly pathogenic avian influenza virus (H5N8). <i>Journal of Veterinary Science</i> , <b>2017</b> , 18, 381-384	1.6	4

56	Effect of zymosan and poly (I:C) adjuvants on responses to microneedle immunization coated with whole inactivated influenza vaccine. <i>Journal of Controlled Release</i> , <b>2017</b> , 265, 83-92	11.7	12
55	Nano metamaterials for ultrasensitive Terahertz biosensing. <i>Scientific Reports</i> , <b>2017</b> , 7, 8146	4.9	50
54	Transgenic Chickens Expressing the 3D8 Single Chain Variable Fragment Protein Suppress Avian Influenza Transmission. <i>Scientific Reports</i> , <b>2017</b> , 7, 5938	4.9	19
53	Nanostructured glycan architecture is important in the inhibition of influenza A virus infection. <i>Nature Nanotechnology</i> , <b>2017</b> , 12, 48-54	28.7	98
52	Novel reassortant clade 2.3.4.4 avian influenza A (H5N8) virus in a grey heron in South Korea in 2017. <i>Archives of Virology</i> , <b>2017</b> , 162, 3887-3891	2.6	9
51	Reassortant Clade 2.3.4.4 Avian Influenza A(H5N6) Virus in a Wild Mandarin Duck, South Korea, 2016. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23, 822-826	10.2	40
50	Application of Diagnostic Microarray Technique in Subtyping and Pathotyping of Avian Influenza Viruses Isolated in Mongolia. <i>Journal of Bacteriology and Virology</i> , <b>2016</b> , 46, 22	0.3	
49	Development of the novel coating formulations for skin vaccination using stainless steel microneedle. <i>Drug Delivery and Translational Research</i> , <b>2016</b> , 6, 486-97	6.2	12
48	Simultaneous subtyping and pathotyping of the novel reassortant influenza A (H5N8) virus from clinical samples using a diagnostic microarray. <i>Biochip Journal</i> , <b>2016</b> , 10, 167-173	4	1
47	Pre-immune state induced by chicken interferon gamma inhibits the replication of H1N1 human and H9N2 avian influenza viruses in chicken embryo fibroblasts. <i>Virology Journal</i> , <b>2016</b> , 13, 71	6.1	13
46	Experimental Infection of Chickens with Intercontinental Reassortant H9N2 Influenza Viruses from Wild Birds. <i>Avian Diseases</i> , <b>2016</b> , 60, 493-5	1.6	3
45	Comparison between dot-immunoblotting assay and clinical sign determination method for quantifying avian infectious bronchitis virus vaccine by titration in embryonated eggs. <i>Journal of Virological Methods</i> , <b>2016</b> , 230, 13-17	2.6	1
44	Poultry vaccination directed evolution of H9N2 low pathogenicity avian influenza viruses in Korea. <i>Virology</i> , <b>2016</b> , 488, 225-31	3.6	34
43	Pathogenicity of the Korean H5N8 highly pathogenic avian influenza virus in commercial domestic poultry species. <i>Avian Pathology</i> , <b>2016</b> , 45, 208-11	2.4	35
42	Genotyping of infectious laryngotracheitis virus using allelic variations from multiple genomic regions. <i>Avian Pathology</i> , <b>2016</b> , 45, 443-9	2.4	11
41	Molecular characterization of highly pathogenic avian influenza H5N8 viruses isolated from Baikal teals found dead during a 2014 outbreak in Korea. <i>Journal of Veterinary Science</i> , <b>2016</b> , 17, 299-306	1.6	4
40	Viscerotropic velogenic Newcastle disease virus replication in feathers of infected chickens. <i>Journal of Veterinary Science</i> , <b>2016</b> , 17, 115-7	1.6	5
39	Augmented immune responses in pigs immunized with an inactivated porcine reproductive and respiratory syndrome virus containing the deglycosylated glycoprotein 5 under field conditions. <i>Clinical and Experimental Vaccine Research</i> , <b>2016</b> , 5, 70-4	1.9	3

38	Hepatitis E virus as an emerging zoonotic pathogen. <i>Journal of Veterinary Science</i> , <b>2016</b> , 17, 1-11	1.6	44
37	Antiviral Effects of Black Raspberry ( <i>Rubus coreanus</i> ) Seed and Its Gallic Acid against Influenza Virus Infection. <i>Viruses</i> , <b>2016</b> , 8,	6.2	36
36	Chimeric Bivalent Virus-Like Particle Vaccine for H5N1 HPAI and ND Confers Protection against a Lethal Challenge in Chickens and Allows a Strategy of Differentiating Infected from Vaccinated Animals (DIVA). <i>PLoS ONE</i> , <b>2016</b> , 11, e0162946	3.7	16
35	Highly sensitive sandwich-type SPR based detection of whole H5Nx viruses using a pair of aptamers. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 86, 293-300	11.8	79
34	Experimental evidence of hepatitis A virus infection in pigs. <i>Journal of Medical Virology</i> , <b>2016</b> , 88, 631-8	19.7	4
33	<i>Mycoplasma hyorhinis</i> is a potential pathogen of porcine respiratory disease complex that aggravates pneumonia caused by porcine reproductive and respiratory syndrome virus. <i>Veterinary Immunology and Immunopathology</i> , <b>2016</b> , 177, 48-51	2	19
32	Genetic diversity of the Korean field strains of porcine reproductive and respiratory syndrome virus. <i>Infection, Genetics and Evolution</i> , <b>2016</b> , 40, 288-294	4.5	4
31	Molecular responses to the influenza A virus in chicken trachea-derived cells. <i>Poultry Science</i> , <b>2015</b> , 94, 1190-201	3.9	10
30	Intercontinental Spread of Asian-Origin H5N8 to North America through Beringia by Migratory Birds. <i>Journal of Virology</i> , <b>2015</b> , 89, 6521-4	6.6	246
29	Eradication of <i>Mycoplasma synoviae</i> from a multi-age broiler breeder farm using antibiotics therapy. <i>Poultry Science</i> , <b>2015</b> , 94, 2364-8	3.9	7
28	Successful cross-protective efficacy induced by heat-adapted live attenuated nephropathogenic infectious bronchitis virus derived from a natural recombinant strain. <i>Vaccine</i> , <b>2015</b> , 33, 7370-7374	4.1	9
27	Immune response in domestic ducks following intradermal delivery of inactivated vaccine against H5N1 highly pathogenic avian influenza virus adjuvanted with oligodeoxynucleotides containing CpG motifs. <i>Poultry Science</i> , <b>2015</b> , 94, 1836-42	3.9	6
26	Intranasal Administration Model for Evaluating Protection Against Influenza Virus in Mice. <i>Journal of Bacteriology and Virology</i> , <b>2015</b> , 45, 44	0.3	2
25	Microneedle Vaccination Elicits Superior Protection and Antibody Response over Intranasal Vaccination against Swine-Origin Influenza A (H1N1) in Mice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0130684	3.7	13
24	Preventive Activity against Influenza (H1N1) Virus by Intranasally Delivered RNA-Hydrolyzing Antibody in Respiratory Epithelial Cells of Mice. <i>Viruses</i> , <b>2015</b> , 7, 5133-44	6.2	8
23	Characterization of <i>Salmonella enterica</i> Serovar 4,[5],12:i:- Isolates from Korean Food Animals. <i>Foodborne Pathogens and Disease</i> , <b>2015</b> , 12, 766-9	3.8	4
22	Optimal attenuation of a PR8-derived mouse pathogenic H5N1 recombinant virus for testing antigenicity and protective efficacy in mice. <i>Vaccine</i> , <b>2015</b> , 33, 6314-9	4.1	3
21	Comparison of the Oral Microbiomes of Canines and Their Owners Using Next-Generation Sequencing. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131468	3.7	49



20	Rapid hemagglutinin subtyping of novel avian-origin influenza A(H7N9) virus using a diagnostic microarray. <i>Biochip Journal</i> , <b>2014</b> , 8, 55-59	4	4
19	Complete genome sequence of a natural reassortant H9N2 avian influenza virus found in bean goose ( <i>Anser fabalis</i> ): direct evidence for virus exchange between Korea and China via wild birds. <i>Infection, Genetics and Evolution</i> , <b>2014</b> , 26, 250-4	4.5	20
18	<i>Lactobacillus fermentum</i> CJL-112 protects mice against influenza virus infection by activating T-helper 1 and eliciting a protective immune response. <i>International Immunopharmacology</i> , <b>2014</b> , 18, 50-4	5.8	23
17	An inactivated oil-emulsion fowl Adenovirus serotype 4 vaccine provides broad cross-protection against various serotypes of fowl Adenovirus. <i>Vaccine</i> , <b>2014</b> , 32, 3564-8	4.1	43
16	Comparative genome analysis and molecular epidemiology of the reemerging porcine epidemic diarrhea virus strains isolated in Korea. <i>Infection, Genetics and Evolution</i> , <b>2014</b> , 26, 348-51	4.5	17
15	Protective humoral immune response induced by an inactivated porcine reproductive and respiratory syndrome virus expressing the hypo-glycosylated glycoprotein 5. <i>Vaccine</i> , <b>2014</b> , 32, 3617-22	4.1	17
14	Hepatitis E virus infections in humans and animals. <i>Clinical and Experimental Vaccine Research</i> , <b>2014</b> , 3, 29-36	1.9	26
13	Progress and hurdles in the development of influenza virus-like particle vaccines for veterinary use. <i>Clinical and Experimental Vaccine Research</i> , <b>2014</b> , 3, 133-9	1.9	9
12	Development of porcine respiratory and reproductive syndrome virus replicon vector for foot-and-mouth disease vaccine. <i>Clinical and Experimental Vaccine Research</i> , <b>2014</b> , 3, 100-9	1.9	3
11	Strategic model of national rabies control in Korea. <i>Clinical and Experimental Vaccine Research</i> , <b>2014</b> , 3, 78-90	1.9	9
10	Supplementation of oil-based inactivated H9N2 vaccine with M2e antigen enhances resistance against heterologous H9N2 avian influenza virus infection. <i>Veterinary Microbiology</i> , <b>2014</b> , 169, 211-7	3.3	15
9	Innate immune response gene expression profiles in specific pathogen-free chickens infected with avian influenza virus subtype H9N2. <i>Biochip Journal</i> , <b>2013</b> , 7, 393-398	4	6
8	Experimental infection and natural contact exposure of ferrets with canine influenza virus (H3N2). <i>Journal of General Virology</i> , <b>2013</b> , 94, 293-297	4.9	21
7	Immunization with a thermostable newcastle disease virus K148/08 strain originated from wild mallard duck confers protection against lethal viscerotropic velogenic newcastle disease virus infection in chickens. <i>PLoS ONE</i> , <b>2013</b> , 8, e83161	3.7	8
6	Exchange of Newcastle disease viruses in Korea: the relatedness of isolates between wild birds, live bird markets, poultry farms and neighboring countries. <i>Infection, Genetics and Evolution</i> , <b>2012</b> , 12, 478-82	4.5	26
5	Simultaneous subtyping and pathotyping of the 2010-2011 South Korean HPAI outbreak strain by using a diagnostic microarray. <i>Biochip Journal</i> , <b>2011</b> , 5, 369-374	4	2
4	Identification and virulence characterization of fowl adenoviruses in Korea. <i>Avian Diseases</i> , <b>2011</b> , 55, 554-60	1.6	38
3	Evidence of intercontinental transfer of North American lineage avian influenza virus into Korea. <i>Infection, Genetics and Evolution</i> , <b>2011</b> , 11, 232-6	4.5	19



2	DNA barcoding techniques for avian influenza virus surveillance in migratory bird habitats. <i>Journal of Wildlife Diseases</i> , <b>2010</b> , 46, 649-54	1.3	53
1	Application of DNA barcoding technique in avian influenza virus surveillance of wild bird habitats in Korea and Mongolia. <i>Avian Diseases</i> , <b>2010</b> , 54, 677-81	1.6	12