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#	Paper	IF	Citations
2258	Transient Compound Treatment Induces a Multigenerational Reduction of Oxysterol-Binding Protein (OSBP) Levels and Prophylactic Antiviral Activity.		
2257			
2256	Proliferation and preservation of egg-adapted influenza virus. <b>1954</b> , 7, 435-43		1
2255	[Experimental studies of clinical and subclinical forms of tick-borne encephalitis in variously susceptible hosts: mice, hamsters and monkeys. I. White mice]. <b>1966</b> , 7, 70-8		5
2254	Virus of the California encephalitis complex: isolation from Culiseta inornata. <b>1967</b> , 157, 692-3		10
2253	Antigenic relationship between the surface antigens of avian and equine influenze viruses. <b>1975</b> , 161, 253-61		10
2252	Latent form of Scrapie virus: a new factor in slow-virus disease. <b>1977</b> , 196, 668-71		33
2251	In vivo evaluation of A-56619 (difloxacin) and A-56620: new aryl-fluoroquinolones. <b>1986</b> , 29, 201-8		41
2250	Endotoxin promotes synergistic lethality during concurrent Escherichia coli and Candida albicans infection. <b>1992</b> , 52, 537-42		24
2249	Anti-infectivity activity of human salivary secretions toward human immunodeficiency virus. <b>1993</b> , 4, 455-9		27
2248	Salmonella enteritidis has a homologue of tolC that is required for virulence in BALB/c mice. <b>1995</b> , 17, 701-12		65
2247	Temperature-dependent regulation of Yersinia enterocolitica Class III flagellar genes. <b>1996</b> , 19, 1061-7	1	83
2246	Biological activities of lipopolysaccharides extracted from porcine vaccine strains. <b>1999</b> , 61, 1265-9		9
2245	Vector competence of Culex pipiens molestus (Diptera: Culicidae) from Taiwan for a sympatric strain of Japanese encephalitis virus. <b>2000</b> , 37, 780-3		18
2244	Vector competence of Aedes aegypti, Culex sitiens, Culex annulirostris, and Culex quinquefasciatus (Diptera: Culicidae) for Barmah Forest virus. <b>2000</b> , 37, 660-3		21
2243	Cutting edge: role of B lymphocytes in protective immunity against Salmonella typhimurium infection. <b>2000</b> , 164, 1648-52		137
2242	Influenza virus. <b>2001</b> , Chapter 19, Unit 19.11		67

2241	Cutting edge: a NK complex-linked locus governs acute versus latent herpes simplex virus infection of neurons. <b>2001</b> , 166, 5869-73	62
2240	Impairment of mucosal immunity by total parenteral nutrition: requirement for IgA in murine nasotracheal anti-influenza immunity. <b>2001</b> , 166, 819-25	48
2239	Single mutation in the flavivirus envelope protein hinge region increases neurovirulence for mice and monkeys but decreases viscerotropism for monkeys: relevance to development and safety testing of live, attenuated vaccines. <b>2002</b> , 76, 1932-43	128
2238	Biological significance of a human enterovirus B-specific RNA element in the 3' nontranslated region. <b>2002</b> , 76, 9900-9	39
2237	Capsid protein C of tick-borne encephalitis virus tolerates large internal deletions and is a favorable target for attenuation of virulence. <b>2002</b> , 76, 3534-43	105
2236	Primary immune responses by cord blood CD4(+) T cells and NK cells inhibit Epstein-Barr virus B-cell transformation in vitro. <b>2002</b> , 76, 5071-81	32
2235	AIDS vaccination studies using an ex vivo feline immunodeficiency virus model: failure to protect and possible enhancement of challenge infection by four cell-based vaccines prepared with autologous lymphoblasts. <b>2002</b> , 76, 6882-92	28
2234	Roles for the cytoplasmic tails of the fusion and hemagglutinin-neuraminidase proteins in budding of the paramyxovirus simian virus 5. <b>2002</b> , 76, 9284-97	64
2233	Determination of a statistically valid neutralization titer in plasma that confers protection against simian-human immunodeficiency virus challenge following passive transfer of high-titered neutralizing antibodies. <b>2002</b> , 76, 2123-30	139
2232	Predictors of hearing loss in children with symptomatic congenital cytomegalovirus infection. <b>2002</b> , 110, 762-7	152
2231	Pathogenicity of embryo-adapted serotype 2 OH strain of infectious bursal disease virus in chickens and turkeys. <b>2002</b> , 46, 1001-6	8
2230	C-Terminal gp40 peptide analogs inhibit feline immunodeficiency virus: cell fusion and virus spread. <b>2002</b> , 76, 9079-86	24
2229	Heparin binds to murine leukemia virus and inhibits Env-independent attachment and infection. <b>2002</b> , 76, 6909-18	36
2228	Newcastle disease virus (NDV) marker vaccine: an immunodominant epitope on the nucleoprotein gene of NDV can be deleted or replaced by a foreign epitope. <b>2002</b> , 76, 10138-46	52
2227	Characterization of a highly pathogenic H5N1 avian influenza A virus isolated from duck meat. <b>2002</b> , 76, 6344-55	141
2226	Involvement of the matrix protein in attachment of porcine reproductive and respiratory syndrome virus to a heparinlike receptor on porcine alveolar macrophages. <b>2002</b> , 76, 4312-20	146
2225	Pathogenesis of avian influenza A (H5N1) viruses in ferrets. <b>2002</b> , 76, 4420-9	304
2224	Construction and immunogenicity studies of recombinant fowl poxvirus containing the S1 gene of Massachusetts 41 strain of infectious bronchitis virus. <b>2002</b> , 46, 831-8	20

2223	Altering the expression kinetics of VP5 results in altered virulence and pathogenesis of herpes simplex virus type 1 in mice. <b>2002</b> , 76, 2199-205	13
2222	Evolution of porcine reproductive and respiratory syndrome virus during sequential passages in pigs. <b>2002</b> , 76, 4750-63	94
2221	In vitro intersubtype recombinants of human immunodeficiency virus type 1: comparison to recent and circulating in vivo recombinant forms. <b>2002</b> , 76, 9600-13	47
2220	Hantaan virus infection causes an acute neurological disease that is fatal in adult laboratory mice. <b>2002</b> , 76, 8890-9	53
2219	The mengovirus leader protein suppresses alpha/beta interferon production by inhibition of the iron/ferritin-mediated activation of NF-kappa B. <b>2002</b> , 76, 9664-72	63
2218	Insertions in the reverse transcriptase increase both drug resistance and viral fitness in a human immunodeficiency virus type 1 isolate harboring the multi-nucleoside reverse transcriptase inhibitor resistance 69 insertion complex mutation. <b>2002</b> , 76, 10546-52	38
2217	Diarrhea-inducing activity of avian rotavirus NSP4 glycoproteins, which differ greatly from mammalian rotavirus NSP4 glycoproteins in deduced amino acid sequence in suckling mice. <b>2002</b> , 76, 5829-34	56
2216	Evolution of a human immunodeficiency virus type 1 variant with enhanced replication in pig-tailed macaque cells by DNA shuffling. <b>2002</b> , 76, 2924-35	20
2215	Development of a real-time reverse transcriptase PCR assay for type A influenza virus and the avian H5 and H7 hemagglutinin subtypes. <b>2002</b> , 40, 3256-60	1133
2214	Antiviral effects of pyrrolidine dithiocarbamate on human rhinoviruses. <b>2002</b> , 76, 6004-15	69
2213	Immunization of macaques with formalin-inactivated respiratory syncytial virus (RSV) induces interleukin-13-associated hypersensitivity to subsequent RSV infection. <b>2002</b> , 76, 11561-9	100
2212	Purification and partial characterisation of a fish lethal extracellular protease from Vibrio pelagius. <b>2002</b> , 89, 181-94	13
2211	Attenuation, safety, and efficacy of an infectious bronchitis virus GA98 serotype vaccine. <b>2003</b> , 47, 627-32	36
2210	Characterization of human class-switched polymeric (immunoglobulin M [IgM] and IgA) anti-human immunodeficiency virus type 1 antibodies 2F5 and 2G12. <b>2003</b> , 77, 4095-103	87
2209	Neurological manifestations of avian influenza viruses in mammals. <b>2003</b> , 47, 1122-6	26
2208	Safety and efficacy of an experimental reovirus vaccine for in ovo administration. <b>2003</b> , 47, 1423-8	14
2207	Pathogenesis of and immunity to a new influenza A (H5N1) virus isolated from duck meat. <b>2003</b> , 47, 1135-40	5
2206	Establishment of persistent avian infectious bronchitis virus infection in antibody-free and antibody-positive chickens. <b>2003</b> , 47, 594-601	42

2205	Mechanisms of pathogenicity of influenza A (H5N1) viruses in mice. <b>2003</b> , 47, 1131-4	16
2204	Extent of measles virus spread and immune suppression differentiates between wild-type and vaccine strains in the cotton rat model (Sigmodon hispidus). <b>2003</b> , 77, 150-8	30
2203	Spontaneous mutations restore the viability of tick-borne encephalitis virus mutants with large deletions in protein C. <b>2003</b> , 77, 443-51	51
2202	Detection of a gene cluster that is dispensable for human herpesvirus 6 replication and latency. <b>2003</b> , 77, 10719-24	11
2201	Protection of chickens from infectious bronchitis by in ovo and intramuscular vaccination with a DNA vaccine expressing the S1 glycoprotein. <b>2003</b> , 47, 272-85	43
2200	Recognition of a novel stage of betaherpesvirus latency in human herpesvirus 6. <b>2003</b> , 77, 2258-64	24
2199	Control of viremia and prevention of simian-human immunodeficiency virus-induced disease in rhesus macaques immunized with recombinant vaccinia viruses plus inactivated simian immunodeficiency virus and human immunodeficiency virus type 1 particles. <b>2003</b> , 77, 1163-74	40
2198	Comparing the ex vivo fitness of CCR5-tropic human immunodeficiency virus type 1 isolates of subtypes B and C. <b>2003</b> , 77, 1021-38	171
2197	Mechanical transmission of turkey coronavirus by domestic houseflies (Musca domestica Linnaeaus). <b>2003</b> , 47, 149-53	36
2196	Role of quail in the interspecies transmission of H9 influenza A viruses: molecular changes on HA that correspond to adaptation from ducks to chickens. <b>2003</b> , 77, 3148-56	178
2195	A recombination event, induced in ovo, between a low passage infectious bronchitis virus field isolate and a highly embryo adaptedvaccine strain. <b>2003</b> , 47, 1282-90	13
2194	Immunization of turkeys with a DNA vaccine expressing either the F or N gene of avian metapneumovirus. <b>2003</b> , 47, 1376-83	25
2193	Heparan sulfates and coxsackievirus-adenovirus receptor: each one mediates coxsackievirus B3 PD infection. <b>2003</b> , 77, 10071-7	64
2192	Lack of antigenic relationships between avian pneumovirus and four avian paramyxoviruses. <b>2003</b> , 47, 175-9	1
2191	Enhancement of enteropathogenic Escherichia coli pathogenicity in young turkeys by concurrent turkey coronavirus infection. <b>2003</b> , 47, 396-405	13
2190	Neurovirulence in mice of H5N1 influenza virus genotypes isolated from Hong Kong poultry in 2001. <b>2003</b> , 77, 3816-23	60
2189	Efficacy of live virus vaccines against infectious laryngotracheitis assessed by polymerase chain reaction-restriction fragment length polymorphism. <b>2003</b> , 47, 261-71	31
2188	Amino acid substitutions at position 190 of human immunodeficiency virus type 1 reverse transcriptase increase susceptibility to delavirdine and impair virus replication. <b>2003</b> , 77, 1512-23	93

2187	Increased susceptibility to Pseudomonas aeruginosa infection under hindlimb-unloading conditions. <b>2003</b> , 95, 73-80	38
2186	Active hexose correlated compound enhances resistance to Klebsiella pneumoniae infection in mice in the hindlimb-unloading model of spaceflight conditions. <b>2003</b> , 95, 491-6	47
2185	Role of IgA versus IgG in the control of influenza viral infection in the murine respiratory tract. <b>2004</b> , 173, 1978-86	293
2184	Systemic therapy of malignant human melanoma tumors by a common cold-producing enterovirus, coxsackievirus a21. <b>2004</b> , 10, 53-60	105
2183	IL-10 is an important mediator of the enhanced susceptibility to pneumococcal pneumonia after influenza infection. <b>2004</b> , 172, 7603-9	275
2182	Antigenicity of two turkey astrovirus isolates. <b>2004</b> , 48, 896-901	18
2181	Evaluation of the infectivity, length of infection, and immune response of a low-pathogenicity H7N2 avian influenza virus in specific-pathogen-free chickens. <b>2004</b> , 48, 263-70	31
2180	Characterization of the neurotoxin produced by isolates associated with avian botulism. <b>2005</b> , 49, 376-81	74
2179	Generation of high-affinity antibody against T cell-dependent antigen in the Ganp gene-transgenic mouse. <b>2005</b> , 174, 4485-94	44
2178	The Importance of a 95-kb Virulence Plasmid in the Pathogenicity of Salmonella Abortusequi in Horses. <b>2005</b> , 16, 111-116	3
2177	Nuclear localization of Japanese encephalitis virus core protein enhances viral replication. <b>2005</b> , 79, 3448-58	113
2176	TLRs 2 and 4 are not involved in hypersusceptibility to acute Pseudomonas aeruginosa lung infections. <b>2005</b> , 175, 3927-34	81
2175	Differential Infectivity of the Lyme Disease Spirochete Borrelia burgdorferi Derived from Ixodes scapularis Salivary Glands and Midgut. <b>2005</b> , 42, 506-510	8
2174	Receptor-binding domain of severe acute respiratory syndrome coronavirus spike protein contains multiple conformation-dependent epitopes that induce highly potent neutralizing antibodies. <b>2005</b> , 174, 4908-15	202
2173	Contrasting effects of cyclooxygenase-1 (COX-1) and COX-2 deficiency on the host response to influenza A viral infection. <b>2005</b> , 175, 6878-84	86
2172	Secreted protein acidic and rich in cysteine produced by human melanoma cells modulates polymorphonuclear leukocyte recruitment and antitumor cytotoxic capacity. <b>2005</b> , 65, 5123-32	67
2171	Dual promoter-controlled oncolytic adenovirus CG5757 has strong tumor selectivity and significant antitumor efficacy in preclinical models. <b>2005</b> , 11, 8845-55	19
2170	Elevated expression of PDGF-C in coxsackievirus B3-induced chronic myocarditis. <b>2005</b> , 26, 728-39	19

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2169	Experimental assessment of the pathogenicity of H5N1 influenza A viruses isolated in Japan. <b>2005</b> , 49, 582-4	10
2168	Interference between mild and pathogenic strains of infectious bursal disease virus in chickens. <b>2005</b> , 49, 99-103	14
2167	Early Events Following Oral Administration of Newcastle Disease Virus Strain V4. <b>2006</b> , 43, 408-414	3
2166	Protective effect of botulinum C/D mosaic toxoid against avian botulism. <b>2006</b> , 68, 325-30	21
2165	Efficacy of oseltamivir phosphate to horses inoculated with equine influenza A virus. 2006, 68, 923-8	17
2164	Pathogenicity of H5N1 influenza A viruses isolated in Vietnam between late 2003 and 2005. <b>2006</b> , 68, 735-7	12
2163	Study on the porcinophilic foot-and-mouth disease virus I. production and characterization of monoclonal antibodies against VP1. <b>2006</b> , 68, 859-64	3
2162	Chicken embryo related (CER) cell line for quantification of rabies neutralizing antibody by fluorescent focus inhibition test. <b>2006</b> , 34, 29-32	4
2161	Role of histone-like proteins H-NS and StpA in expression of virulence determinants of uropathogenic Escherichia coli. <b>2006</b> , 188, 5428-38	86
2160	Global map of growth-regulated gene expression in Burkholderia pseudomallei, the causative agent of melioidosis. <b>2006</b> , 188, 8178-88	35
2159	Role of Verrallina funerea (Diptera: Culicidae) in transmission of Barmah Forest virus and Ross River virus in coastal areas of eastern Australia. <b>2006</b> , 43, 1239-47	11
2158	Involvement of the platelet-activating factor receptor in host defense against Streptococcus pneumoniae during postinfluenza pneumonia. <b>2006</b> , 290, L194-9	67
2157	TLR3 deletion limits mortality and disease severity due to Phlebovirus infection. <b>2006</b> , 177, 6301-7	103
2156	Acute respiratory distress syndrome induced by avian influenza A (H5N1) virus in mice. <b>2006</b> , 174, 1011-7	101
2155	IL-10 deficiency promotes increased Borrelia burgdorferi clearance predominantly through enhanced innate immune responses. <b>2006</b> , 177, 7076-85	53
2154	The superoxide dismutases of Bacillus anthracis do not cooperatively protect against endogenous superoxide stress. <b>2006</b> , 188, 3837-48	45
2153	Abundance of the delta subunit of RNA polymerase is linked to the virulence of Streptococcus agalactiae. <b>2006</b> , 188, 2096-105	27
2152	TLR ligands act directly upon T cells to restore proliferation in the absence of protein kinase C-theta signaling and promote autoimmune myocarditis. <b>2007</b> , 178, 3466-73	65

2151	A 55 kDa hypothetical membrane protein is an iron-regulated virulence factor of Francisella tularensis subsp. novicida U112. <b>2007</b> , 56, 1268-1276	22
2150	The acquired immune response to the mucosal adjuvant LTK63 imprints the mouse lung with a protective signature. <b>2007</b> , 179, 5346-57	27
2149	Real-time PCR to identify variola virus or other human pathogenic orthopox viruses. <b>2007</b> , 53, 606-13	43
2148	TLR3 is essential for the induction of protective immunity against Punta Toro Virus infection by the double-stranded RNA (dsRNA), poly(I:C12U), but not Poly(I:C): differential recognition of synthetic dsRNA molecules. <b>2007</b> , 178, 5200-8	94
2147	A vectored measles virus induces hepatitis B surface antigen antibodies while protecting macaques against measles virus challenge. <b>2007</b> , 81, 10597-605	75
2146	Knockout of Mkp-1 enhances the host inflammatory responses to gram-positive bacteria. <b>2007</b> , 178, 5312-20	77
2145	A single mutation in the PB1-F2 of H5N1 (HK/97) and 1918 influenza A viruses contributes to increased virulence. <b>2007</b> , 3, 1414-21	354
2144	Spinosad, a naturally derived insecticide, for control of Aedes aegypti (Diptera: Culicidae): efficacy, persistence, and elicited oviposition response. <b>2007</b> , 44, 631-8	36
2143	Thermal inactivation of foot-and-mouth disease viruses in suspension. <b>2007</b> , 73, 7177-84	14
2142	Experimental Evaluation of Musca domestica (Diptera: Muscidae) as a Vector of Newcastle Disease Virus. <b>2007</b> , 44, 666-671	8
2141	Processing of capsid protein by cathepsin L plays a crucial role in replication of Japanese encephalitis virus in neural and macrophage cells. <b>2007</b> , 81, 8477-87	26
2140	Effect of Processing Conditions of Dolomite on the Antiviral Activity. <b>2007</b> , 26-28, 1125-1128	1
2139	Oncolytic treatment and cure of neuroblastoma by a novel attenuated poliovirus in a novel poliovirus-susceptible animal model. <b>2007</b> , 67, 2857-64	57
2138	gp340 expressed on human genital epithelia binds HIV-1 envelope protein and facilitates viral transmission. <b>2007</b> , 179, 3126-32	76
2137	Role of Gne and GalE in the virulence of Aeromonas hydrophila serotype O34. <b>2007</b> , 189, 540-50	20
2136	Localization and differential expression of activation-induced cytidine deaminase in the amphibian Xenopus upon antigen stimulation and during early development. <b>2007</b> , 179, 6783-9	58
2135	Identification of a second group of type I IFNs in fish sheds light on IFN evolution in vertebrates. <b>2007</b> , 179, 3859-71	238
2134	Increasing the recruitment of neutrophils to the site of infection dramatically attenuates Borrelia burgdorferi infectivity. <b>2007</b> , 178, 5109-15	40

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2133	A second galacturonic acid transferase is required for core lipopolysaccharide biosynthesis and complete capsule association with the cell surface in Klebsiella pneumoniae. <b>2007</b> , 189, 1128-37	25
2132	Strong antiviral activity of heated and hydrated dolomitepreliminary investigation. <b>2007</b> , 69, 217-9	9
2131	A critical role for peptidoglycan N-deacetylation in Listeria evasion from the host innate immune system. <b>2007</b> , 104, 997-1002	291
2130	Genetic and phenotypic variation of foot-and-mouth disease virus during serial passages in a natural host. <b>2007</b> , 81, 11341-51	55
2129	Pathobiology of H9N2 avian influenza virus in Japanese quail (Coturnix coturnix japonica). <b>2007</b> , 51, 390-2	10
2128	Replication and transmission of live attenuated infectious laryngotracheitis virus (ILTV) vaccines. <b>2007</b> , 51, 905-11	59
2127	Photochemical inactivation with amotosalen and long-wavelength ultraviolet light of Plasmodium and Babesia in platelet and plasma components. <b>2008</b> , 48, 1676-84	43
2126	Transplacental infection with non-cytopathic bovine viral diarrhoea virus types 1b and 2: viral spread and molecular neuropathology. <b>2008</b> , 138, 72-85	43
2125	Acute non-cytopathic bovine viral diarrhea virus infection induces pronounced type I interferon response in pregnant cows and fetuses. <b>2008</b> , 132, 49-58	51
2124	Role of hypercytokinemia in NF-kappaB p50-deficient mice after H5N1 influenza A virus infection. <b>2008</b> , 82, 11461-6	40
2123	Effect of selected water temperatures used in Mycoplasma gallisepticum vaccine reconstitution on titer at selected time intervals. <b>2008</b> , 52, 291-6	10
2122	Efficacy of disinfectants and hand sanitizers against avian respiratory viruses. 2008, 52, 199-202	13
2121	A common virulence plasmid in biotype 2 Vibrio vulnificus and its dissemination aided by a conjugal plasmid. <b>2008</b> , 190, 1638-48	51
2120	Rapid and highly sensitive coxsackievirus a indirect immunofluorescence assay typing kit for enterovirus serotyping. <b>2008</b> , 46, 785-8	27
2119	Interferon-induced expression of MxA in the respiratory tract of rhesus macaques is suppressed by influenza virus replication. <b>2008</b> , 180, 2385-95	25
2118	Pathogenicity and vaccine efficacy of different clades of Asian H5N1 avian influenza A viruses in domestic ducks. <b>2008</b> , 82, 11374-82	64
2117	Evolution of the inflammatory response in vertebrates: fish TNF-alpha is a powerful activator of endothelial cells but hardly activates phagocytes. <b>2008</b> , 181, 5071-81	155
2116	Attenuation of V- or C-defective measles viruses: infection control by the inflammatory and interferon responses of rhesus monkeys. <b>2008</b> , 82, 5359-67	87

2115	Heterologous replacement of the supposed host determining region of avihepadnaviruses: high in vivo infectivity despite low infectivity for hepatocytes. <b>2008</b> , 4, e1000230	6
2114	Comparative study on the pathogenicity and immunogenicity of wild bird isolates of avian paramyxovirus 2, 4, and 6 in chickens. <b>2008</b> , 37, 429-34	27
2113	Misoprostol impairs female reproductive tract innate immunity against Clostridium sordellii. <b>2008</b> , 180, 8222-30	55
2112	Variation in the group B Streptococcus CsrRS regulon and effects on pathogenicity. <b>2008</b> , 190, 1956-65	55
2111	Fowl typhoid: assessment of a disinfectant oral dose to reduce horizontal spread and mortality. <b>2008</b> , 52, 320-3	5
2110	Comparison of the characters of the plaque-purified viruses from foot-and-mouth disease virus O/JPN/2000. <b>2008</b> , 70, 653-8	11
2109	Evaluation of antigen detection kits for diagnosis of equine influenza. <b>2008</b> , 70, 189-92	25
2108	Development of a pen-site test kit for the rapid diagnosis of H7 highly pathogenic avian influenza. <b>2008</b> , 70, 557-62	15
2107	In vitro characterization of multidrug-resistant HIV-1 isolates from a recently infected patient associated with dual tropism and rapid disease progression. <b>2008</b> , 48, 511-21	12
2106	The expression of plasmid mediated afimbrial adhesin genes in an avian septicemic Escherichia coli strain. <b>2008</b> , 9, 75-83	1
2105	The bacterial symbiont Wolbachia induces resistance to RNA viral infections in Drosophila melanogaster. <b>2008</b> , 6, e2	807
2104	Quantification of avian influenza virus in tissues of mute swans using TaqMan real time qRT-PCR. <b>2009</b> , 54, 435-443	3
2103	Monitoring of Five Bovine Arboviral Diseases Transmitted by Arthropod Vectors in Korea. <b>2009</b> , 39, 353	14
2102	New insights into the evolution of IFNs: zebrafish group II IFNs induce a rapid and transient expression of IFN-dependent genes and display powerful antiviral activities. <b>2009</b> , 182, 3440-9	152
<b>2</b> 101	The global regulator CodY regulates toxin gene expression in Bacillus anthracis and is required for full virulence. <b>2009</b> , 77, 4437-45	70
2100	Lack of CD200 enhances pathological T cell responses during influenza infection. <b>2009</b> , 183, 1990-6	73
2099	Fusion protein is the main determinant of metapneumovirus host tropism. <b>2009</b> , 90, 1408-1416	25
2098	Resistance to vaccinia virus is less dependent on TNF under conditions of heterologous immunity. <b>2009</b> , 183, 6554-60	12

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2097	Enteric viruses in raw vegetables and groundwater used for irrigation in South Korea. <b>2009</b> , 75, 7745-51	82
2096	Killed but metabolically active Bacillus anthracis vaccines induce broad and protective immunity against anthrax. <b>2009</b> , 77, 1649-63	33
2095	High frequencies of virus-specific CD8+ T-cell precursors. <b>2009</b> , 83, 12907-16	24
2094	Rrp2, a sigma54-dependent transcriptional activator of Borrelia burgdorferi, activates rpoS in an enhancer-independent manner. <b>2009</b> , 191, 2902-5	46
2093	The germination-specific lytic enzymes SleB, CwlJ1, and CwlJ2 each contribute to Bacillus anthracis spore germination and virulence. <b>2009</b> , 191, 5569-76	45
2092	Chronic wasting disease prions in elk antler velvet. <b>2009</b> , 15, 696-703	99
2091	Preliminary study for evaluation of avian influenza virus inactivation in contaminated poultry products using electron beam irradiation. <b>2009</b> , 38, 245-50	16
2090	Characterization of duck H5N1 influenza viruses with differing pathogenicity in mallard (Anas platyrhynchos) ducks. <b>2009</b> , 38, 457-67	53
2089	Leucine-responsive regulatory protein (Lrp) acts as a virulence repressor in Salmonella enterica serovar Typhimurium. <b>2009</b> , 191, 1278-92	48
2088	The AsaP1 peptidase of Aeromonas salmonicida subsp. achromogenes is a highly conserved deuterolysin metalloprotease (family M35) and a major virulence factor. <b>2009</b> , 191, 403-10	17
2087	PB2 protein of a highly pathogenic avian influenza virus strain A/chicken/Yamaguchi/7/2004 (H5N1) determines its replication potential in pigs. <b>2009</b> , 83, 1572-8	60
2086	An Aeromonas caviae genomic island is required for both O-antigen lipopolysaccharide biosynthesis and flagellin glycosylation. <b>2009</b> , 191, 2851-63	40
2085	Characterization of Singapore grouper iridovirus (SGIV) ORF086R, a putative homolog of ICP18 involved in cell growth control and virus replication. <b>2009</b> , 154, 1409-16	22
2084	Delivery to the lower respiratory tract is required for effective immunization with Newcastle disease virus-vectored vaccines intended for humans. <b>2009</b> , 27, 1530-9	24
2083	Cassette deletion in multiple shRNA lentiviral vectors for HIV-1 and its impact on treatment success. <b>2009</b> , 6, 184	17
2082	Gross pathology, blood chemistry, lipid and peroxide contents in rainbow trout (Oncorhynchus mykiss Walbaum) affected by experimental Arcobacter cryaerophilus infection at low water temperature. <b>2009</b> , 57, 305-17	7
2081	Serological studies of infectious bronchitis vaccines against Japanese field isolates of homologous and heterologous genotypes. <b>2009</b> , 71, 891-6	6
2080	Indirect ELISA and indirect immunofluorescent antibody assay for detecting the antibody against murine norovirus S7 in mice. <b>2010</b> , 59, 47-55	17

2079	Development of reverse transcription-loop-mediated isothermal amplification (RT-LAMP) assay for detection of avian influenza viruses in field specimens. <b>2010</b> , 72, 519-23	16
2078	Characterization of H5N1 highly pathogenic avian influenza virus isolated from a mountain hawk eagle in Japan. <b>2010</b> , 72, 459-63	28
2077	A novel genotype of avian infectious bronchitis virus isolated in Japan in 2009. <b>2010</b> , 72, 1265-8	25
2076	Acute respiratory distress syndrome induced by H9N2 virus in mice. <b>2010</b> , 155, 187-95	34
2075	Establishment of a multiplex RT-PCR assay to detect different lineages of swine H1 and H3 influenza A viruses. <b>2010</b> , 41, 236-40	9
2074	Mucosal parainfluenza virus-vectored vaccine against Ebola virus replicates in the respiratory tract of vector-immune monkeys and is immunogenic. <b>2010</b> , 399, 290-8	40
2073	Identification of aromatic amino acid residues in conserved region VI of the large polymerase of vesicular stomatitis virus is essential for both guanine-N-7 and ribose 2'-O methyltransferases. <b>2010</b> , 408, 241-52	6
2072	The role of Bacillus anthracis germinant receptors in germination and virulence. <b>2010</b> , 75, 365-75	34
2071	Female scent signals enhance the resistance of male mice to influenza. <b>2010</b> , 5, e9473	12
2070	Regulatory interactions of a virulence-associated serine/threonine phosphatase-kinase pair in Bacillus anthracis. <b>2010</b> , 192, 400-9	38
2069	Experimental infection of pigs with Border disease virus isolated from Pyrenean chamois (Rupicapra pyrenaica). <b>2010</b> , 22, 360-5	12
2068	Cytotoxicity and Antiviral Activity of Calcium Alginate Fibers and Zinc Alginate Fibers. <b>2010</b> , 152-153, 1475-1478	6
2067	Border disease virus shedding and detection in naturally infected Pyrenean chamois (Rupicapra pyrenaica). <b>2010</b> , 22, 744-7	21
2066	Effect of a prior exposure to a low pathogenic avian influenza virus in the outcome of a heterosubtypic low pathogenic avian influenza infection in mallards (Anas platyrhynchos). <b>2010</b> , 54, 1286-91	33
2065	The effects of NS gene exchange on the pathogenicity of H5N1 HPAI viruses in ducks. <b>2010</b> , 54, 532-7	17
2064	RmpA regulation of capsular polysaccharide biosynthesis in Klebsiella pneumoniae CG43. <b>2010</b> , 192, 3144-58	127
2063	Nuclear factor NF45 interacts with viral proteins of infectious bursal disease virus and inhibits viral replication. <b>2010</b> , 84, 10592-605	33
2062	Herc5 attenuates influenza A virus by catalyzing ISGylation of viral NS1 protein. <b>2010</b> , 184, 5777-90	96

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2061	Shedding and serologic responses following primary and secondary inoculation of house sparrows (Passer domesticus) and European starlings (Sturnus vulgaris) with low-pathogenicity avian influenza virus. <b>2010</b> , 39, 411-8	16
2060	The highly cited SARS research literature. <b>2010</b> , 36, 299-317	11
2059	Oseltamivir-resistant pandemic H1N1/2009 influenza virus possesses lower transmissibility and fitness in ferrets. <b>2010</b> , 6, e1001022	85
2058	H5N1 high pathogenicity avian influenza virus survival in different types of water. <b>2010</b> , 54, 734-7	48
2057	Cell-based quantification of chronic wasting disease prions. <b>2010</b> , 84, 8322-6	59
2056	Enhancement of enteric adenovirus cultivation by viral transactivator proteins. <b>2010</b> , 76, 2509-16	15
2055	Biological and proteomic analysis of venom from the Puerto Rican Racer (Alsophis portoricensis: Dipsadidae). <b>2010</b> , 55, 558-69	37
2054	A purified recombinant baculovirus expressed capsid protein of a new astrovirus provides partial protection to runting-stunting syndrome in chickens. <b>2010</b> , 28, 1253-63	26
2053	Characterization and evaluation of avian influenza NS1 mutant virus as a potential live and killed DIVA (differentiating between infected and vaccinated animals) vaccine for chickens. <b>2010</b> , 28, 2388-96	8
2052	An active DNA vaccine against infectious pancreatic necrosis virus (IPNV) with a different mode of action than fish rhabdovirus DNA vaccines. <b>2010</b> , 28, 3291-300	37
2051	Characterization of antibodies specific for hemagglutinin and neuraminidase proteins of the 1918 and 2009 pandemic H1N1 viruses. <b>2010</b> , 29, 183-90	6
2050	Identification and characterization of Singapore grouper iridovirus (SGIV) ORF162L, an immediate-early gene involved in cell growth control and viral replication. <b>2010</b> , 147, 30-9	22
2049	Screening of marine Streptomyces spp. for potential use as probiotics in aquaculture. <b>2010</b> , 305, 32-41	70
2048	Comparison of adjuvant efficacy of chitosan and aluminum hydroxide for intraperitoneally administered inactivated influenza H5N1 vaccine. <b>2010</b> , 29, 563-8	25
2047	Genomic acquisition of a capsular polysaccharide virulence cluster by non-pathogenic Burkholderia isolates. <b>2010</b> , 11, R89	58
2046	Experimental infection of Muscovy ducks with highly pathogenic avian influenza virus (H5N1) belonging to clade 2.2. <b>2010</b> , 54, 538-47	20
2045	Increased pathogenicity and shedding in chickens of a wild bird-origin low pathogenicity avian influenza virus of the H7N3 subtype following multiple in vivo passages in quail and turkey. <b>2010</b> , 54, 555-7	16
2044	Evaluation and attempted optimization of avian embryos and cell culture methods for efficient isolation and propagation of low pathogenicity avian influenza viruses. <b>2010</b> , 54, 622-6	45

2043	New approach to delist highly pathogenic avian influenza viruses from BSL3+ Select Agents to BSL2 non-select status for diagnostics and vaccines. <b>2010</b> , 54, 302-6	8
2042	Differentiation of infected and vaccinated animals (DIVA) using the NS1 protein of avian influenza virus. <b>2010</b> , 54, 278-86	22
2041	Detection and characterization of clade 7 high pathogenicity avian influenza H5N1 viruses in chickens seized at ports of entry and live poultry markets in Vietnam. <b>2010</b> , 54, 307-12	28
2040	Evaluation of rapid antigen detection kits for the diagnosis of highly pathogenic avian influenza H5N1 infection. <b>2010</b> , 54, 650-4	7
2039	Evaluation of different serologic markers for the early detection of avian influenza infection in chickens. <b>2010</b> , 54, 690-8	12
2038	Testing of a new disinfectant process for poultry viruses. <b>2010</b> , 54, 763-7	6
2037	Postoutbreak disinfection of mobile equipment. <b>2010</b> , 54, 772-6	8
2036	A heterologous neuraminidase subtype strategy for the differentiation of infected and vaccinated animals (DIVA) for avian influenza virus using an alternative neuraminidase inhibition test. <b>2010</b> , 54, 272-7	9
2035	Expression of recombinant human interferon-Dwith antiviral activity in the bi-cistronic baculovirus-insect/larval system. <b>2011</b> , 75, 1342-8	16
2034	Antiviral and immunostimulating effects of lignin-carbohydrate-protein complexes from Pimpinella anisum. <b>2011</b> , 75, 459-65	60
2033	A practical synthesis of zanamivir phosphonate congeners with potent anti-influenza activity. <b>2011</b> , 133, 17959-65	77
2032	Characterization of a ranavirus isolated from cultured largemouth bass (Micropterus salmoides) in China. <b>2011</b> , 312, 198-204	44
2031	Formulations combining CpG containing oliogonucleotides and poly I:C enhance the magnitude of immune responses and protection against pancreas disease in Atlantic salmon. <b>2011</b> , 35, 1116-27	36
2030	Viral hemorrhagic septicaemia virus (VHSV) up-regulates the cytotoxic activity and the perforin/granzyme pathway in the rainbow trout RTS11 cell line. <b>2011</b> , 31, 252-9	23
2029	The novel virulence-related gene stp of Streptococcus suis serotype 9 strain contributes to a significant reduction in mouse mortality. <b>2011</b> , 51, 442-53	25
2028	Improvement of H5N1 influenza vaccine viruses: influence of internal gene segments of avian and human origin on production and hemagglutinin content. <b>2011</b> , 29, 5153-62	24
2027	Intranasal immunization with recombinant PspA fused with a flagellin enhances cross-protective immunity against Streptococcus pneumoniae infection in mice. <b>2011</b> , 29, 5731-9	62
2026	Immunogenicity profile of a 3.75-d hemagglutinin pandemic rH5N1 split virion AS03A-adjuvanted vaccine in elderly persons: a randomized trial. <b>2011</b> , 203, 1054-62	29

2025	Rapid detection of avian influenza virus in chicken fecal samples by immunomagnetic capture reverse transcriptase-polymerase chain reaction assay. <b>2011</b> , 69, 258-65	26
2024	The Development of Encephalitis Following Tick-Borne Encephalitis Virus Infection in a Mouse Model. <b>2011</b> ,	2
2023	One-step multiplex reverse-transcriptase PCR for detecting pandemic (H1N1) 2009 influenza virus. <b>2011</b> , 73, 55-63	9
2022	Triterpenoids and diterpenoids from Viburnum chingii. <b>2011</b> , 59, 496-8	11
2021	Serotypes, antimicrobial susceptibility, and minimal inhibitory concentrations of Actionbacillus pleuropneumoniae isolated from slaughter pigs in Taiwan (2002-2007). <b>2011</b> , 73, 205-8	5
2020	A low pathogenic H5N2 influenza virus isolated in Taiwan acquired high pathogenicity by consecutive passages in chickens. <b>2011</b> , 73, 767-72	16
2019	Amplification of viral RNA from drinking water using TransPlexâlwhole-transcriptome amplification. <b>2011</b> , 111, 216-23	6
2018	Differential effect of prior influenza infection on alveolar macrophage phagocytosis of Staphylococcus aureus and Escherichia coli: involvement of interferon-gamma production. <b>2011</b> , 55, 751-9	16
2017	Enhanced antiviral activity of soybean Etonglycinin-derived peptides by acylation with saturated fatty acids. <b>2011</b> , 76, M299-304	10
2016	Recombinant outer membrane protein A (OmpA) of Edwardsiella tarda, a potential vaccine candidate for fish, common carp. <b>2011</b> , 167, 1-7	55
2015	Involvement of NF- <b>B</b> in changes of IFN-Enduced CIITA/MHC-II and iNOS expression by influenza virus in macrophages. <b>2011</b> , 48, 1253-62	11
2014	Real time PCR method for simultaneous detection, quantitation and differentiation of capripoxviruses. <b>2011</b> , 171, 134-40	95
2013	Immunization with a low dose of hemagglutinin-encoding plasmid protects against 2009 H1N1 pandemic influenza virus in mice. <b>2011</b> , 173, 314-9	4
2012	Genetic and splice variations of Bos taurus CD46 shift cell permissivity to BVDV, the bovine pestivirus. <b>2011</b> , 152, 315-27	10
2011	Treatment of mice with human monoclonal antibody 24h after lethal aerosol challenge with virulent Venezuelan equine encephalitis virus prevents disease but not infection. <b>2011</b> , 414, 146-52	24
2010	Potential of adenovirus and baculovirus vectors for the delivery of shRNA against morbilliviruses. <b>2011</b> , 90, 98-101	8
2009	Emodin inhibits current through SARS-associated coronavirus 3a protein. <b>2011</b> , 90, 64-9	118
2008	Activity of Ingavirin (6-[2-(1H-Imidazol-4-yl)ethylamino]-5-oxo-hexanoic Acid) Against Human Respiratory Viruses in in Vivo Experiments. <b>2011</b> , 4, 1518-1534	17

2007	A mesenchymal stromal cell line resistant to paclitaxel that spontaneously differentiates into osteoblast-like cells. <b>2011</b> , 27, 169-80	9
2006	Passage of low-pathogenic avian influenza (LPAI) viruses mediates rapid genetic adaptation of a wild-bird isolate in poultry. <b>2011</b> , 156, 565-76	10
2005	Avian reovirus S1133-induced DNA damage signaling and subsequent apoptosis in cultured cells and in chickens. <b>2011</b> , 156, 1917-29	27
2004	Roles of Hfq in the stress adaptation and virulence in fish pathogen Vibrio alginolyticus and its potential application as a target for live attenuated vaccine. <b>2011</b> , 91, 353-64	38
2003	Effects of navelbine and docetaxel on gene expression in human lung cancer cell lines. 2011, 61, 665-71	3
2002	Establishment of a novel ovine kidney cell line for isolation and propagation of viruses infecting domestic cloven-hoofed animal species. <b>2011</b> , 47, 459-63	3
2001	Enrichment of intersubtype HIV-1 recombinants in a dual infection system using HIV-1 strain-specific siRNAs. <b>2011</b> , 8, 5	6
2000	Characterization of the duck enteritis virus UL55 protein. <b>2011</b> , 8, 256	5
1999	Intramolecular ion-pair prodrugs of zanamivir and guanidino-oseltamivir. <b>2011</b> , 19, 4796-802	20
1998	Identification and functional characterization of an interferon regulatory factor 7-like (IRF7-like) gene from orange-spotted grouper, Epinephelus coioides. <b>2011</b> , 35, 672-84	59
1997	Vaccination of llamas, Llama glama, with an experimental killed encephalomyocarditis virus vaccine. <b>2011</b> , 42, 65-8	1
1996	The PA protein directly contributes to the virulence of H5N1 avian influenza viruses in domestic ducks. <b>2011</b> , 85, 2180-8	91
1995	Differentiation between human coronaviruses NL63 and 229E using a novel double-antibody sandwich enzyme-linked immunosorbent assay based on specific monoclonal antibodies. <b>2011</b> , 18, 113-8	31
1994	Characterization of the low-pathogenic H5N1 avian influenza virus in South Korea. <b>2011</b> , 90, 1449-61	4
1993	In vitro generation of high-titer prions. <b>2011</b> , 85, 13439-42	31
1992	Vesicular stomatitis virus-based vaccine protects hamsters against lethal challenge with Andes virus. <b>2011</b> , 85, 12781-91	58
1991	Novel inhibitor of influenza non-structural protein 1 blocks multi-cycle replication in an RNase L-dependent manner. <b>2011</b> , 92, 60-70	35
1990	A comparative infection study of pigeon and avian paramyxovirus type 1 viruses in pigeons: evaluation of clinical signs, virus shedding and seroconversion. <b>2011</b> , 40, 125-30	28

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1989	Application of suppressive subtractive hybridization to the identification of genetic differences between two Lactococcus garvieae strains showing distinct differences in virulence for rainbow trout and mouse. <b>2011</b> , 157, 2106-2119	6
1988	Replication efficiency of soil-bound prions varies with soil type. <b>2011</b> , 85, 5476-82	44
1987	Rabies virus expressing dendritic cell-activating molecules enhances the innate and adaptive immune response to vaccination. <b>2011</b> , 85, 1634-44	78
1986	Experimental infection with chamois border disease virus causes long-lasting viraemia and disease in Pyrenean chamois (Rupicapra pyrenaica). <b>2011</b> , 92, 2494-2501	14
1985	Variation in viral shedding patterns between different wild bird species infected experimentally with low-pathogenicity avian influenza viruses that originated from wild birds. <b>2011</b> , 40, 119-24	59
1984	The Effects of Temperature and Relative Humidity on the Viability of the SARS Coronavirus. <b>2011</b> , 2011, 734690	544
1983	Tylosema esculentum (Marama) Tuber and Bean Extracts Are Strong Antiviral Agents against Rotavirus Infection. <b>2011</b> , 2011, 284795	17
1982	Effect of 1918 PB1-F2 expression on influenza A virus infection kinetics. <b>2011</b> , 7, e1001081	53
1981	Synthesis and Biological Evaluation of Some Novel 5-[(3-Aralkyl Amido/Imidoalkyl) Phenyl]-1,2,4-Triazolo[3,4-b]-1,3,4-Thiadiazines as Antiviral Agents. <b>2012</b> , 2012, 760517	6
1980	Comparison of Human-Like H1 (ECluster) Influenza A Viruses in the Swine Host. <b>2012</b> , 2012, 329029	3
1979	3,4-Dicaffeoylquinic Acid, a Major Constituent of Brazilian Propolis, Increases TRAIL Expression and Extends the Lifetimes of Mice Infected with the Influenza A Virus. <b>2012</b> , 2012, 946867	26
1978	Diet-induced obesity dramatically reduces the efficacy of a 2009 pandemic H1N1 vaccine in a mouse model. <b>2012</b> , 205, 244-51	63
1977	Immunological evaluation and comparison of different EV71 vaccine candidates. 2012, 2012, 831282	26
1976	Specific cell tropism and neutralization of human parechovirus types 1 and 3: implications for pathogenesis and therapy development. <b>2012</b> , 93, 2363-2370	49
1975	Internalization of sapovirus, a surrogate for norovirus, in romaine lettuce and the effect of lettuce latex on virus infectivity. <b>2012</b> , 78, 6271-9	32
1974	Characterization and functional analysis of atl, a novel gene encoding autolysin in Streptococcus suis. <b>2012</b> , 194, 1464-73	38
1973	Critical role for voltage-dependent anion channel 2 in infectious bursal disease virus-induced apoptosis in host cells via interaction with VP5. <b>2012</b> , 86, 1328-38	68
1972	Modulation of ribosomal frameshifting frequency and its effect on the replication of Rous sarcoma virus. <b>2012</b> , 86, 11581-94	9

1971	Complete annotated genome sequence of Mycobacterium tuberculosis Erdman. 2012, 194, 2770	14
1970	Genetic modification of the O-polysaccharide of Francisella tularensis results in an avirulent live attenuated vaccine. <b>2012</b> , 205, 1056-65	25
1969	Susceptibility of white-tailed deer (Odocoileus virginianus) to experimental infection with epizootic hemorrhagic disease virus serotype 7. <b>2012</b> , 48, 676-85	18
1968	Dengue reporter viruses reveal viral dynamics in interferon receptor-deficient mice and sensitivity to interferon effectors in vitro. <b>2012</b> , 109, 14610-5	140
1967	Intracytoplasmic trapping of influenza virus by a lipophilic derivative of aglycoristocetin. 2012, 86, 9416-31	29
1966	A triclade DNA vaccine designed on the basis of a comprehensive serologic study elicits neutralizing antibody responses against all clades and subclades of highly pathogenic avian influenza H5N1 viruses. <b>2012</b> , 86, 6970-8	41
1965	Anti-PRRSV effect and mechanism of sodium tanshinone IIA sulfonate in vitro. <b>2012</b> , 14, 721-8	23
1964	A novel quantitative immunomagnetic reduction assay for Nervous necrosis virus. <b>2012</b> , 24, 911-7	10
1963	Attenuated influenza virus construct with enhanced hemagglutinin protein expression. 2012, 86, 5782-90	13
1962	Low pathogenic H7 subtype avian influenza viruses isolated from domestic ducks in South Korea and the close association with isolates of wild birds. <b>2012</b> , 93, 1278-1287	31
1961	Contribution of a single host genetic locus to mouse adenovirus type 1 infection and encephalitis. <b>2012</b> , 3,	6
1960	[Evaluation of immunochromatographic detection kit for novel human adenovirus type 53, 54 and 56]. <b>2012</b> , 86, 425-6	1
1959	Aeromonas hydrophila subsp. dhakensis isolated from feces, water and fish in Mediterranean Spain. <b>2012</b> , 27, 367-73	26
1958	Role of Itk signalling in the interaction between influenza A virus and T-cells. <b>2012</b> , 93, 987-997	23
1957	Photoinactivation of cell-free human immunodeficiency virus by hematoporphyrin monomethyl ether. <b>2012</b> , 27, 943-50	11
1956	Interferon type I responses to virus infections in carp cells: In vitro studies on Cyprinid herpesvirus 3 and Rhabdovirus carpio infections. <b>2012</b> , 33, 482-93	75
1955	Cross-reactive neutralizing antibody epitopes against Enterovirus 71 identified by an in silico approach. <b>2012</b> , 30, 7105-10	20
1954	Evaluation of two outer membrane proteins, Aha1 and OmpW of Aeromonas hydrophila as vaccine candidate for common carp. <b>2012</b> , 149, 298-301	52

1953	An Edwardsiella tarda mutant lacking UDP-glucose dehydrogenase shows pleiotropic phenotypes, attenuated virulence, and potential as a vaccine candidate. <b>2012</b> , 160, 506-12	12
1952	Selection and characterisation of guanidine-resistant mutants of human enterovirus 71. <b>2012</b> , 169, 72-9	17
1951	Effect of different routes of inoculation on infectivity and viral shedding of LPAI viruses in mallards. <b>2012</b> , 56, 981-5	12
1950	High-throughput detection method for influenza virus. 2012,	8
1949	Yeast expressed classical swine fever E2 subunit vaccine candidate provides complete protection against lethal challenge infection and prevents horizontal virus transmission. <b>2012</b> , 30, 2336-41	26
1948	Immunogenicity and clinical protection against equine influenza by DNA vaccination of ponies. <b>2012</b> , 30, 3965-74	27
1947	Bacillus atrophaeus inactivated spores as a potential adjuvant for veterinary rabies vaccine. <b>2012</b> , 30, 3351-4	4
1946	Introduction of silent mutations into the NP gene of influenza A viruses as a possible strategy for the creation of a live attenuated vaccine. <b>2012</b> , 30, 4480-9	5
1945	Influence of temperature and exposure time on the infectivity of Bohle iridovirus, a ranavirus. <b>2012</b> , 354-355, 64-67	7
1944	Screening of Brazilian medicinal plants for antiviral activity against rotavirus. <b>2012</b> , 141, 975-81	61
1943	Development and optimization of a direct plaque assay for human and avian metapneumoviruses. <b>2012</b> , 185, 61-8	20
1942	Identification of OASL d, a splice variant of human OASL, with antiviral activity. <b>2012</b> , 44, 1133-8	6
1941	Immune responses elicited in rainbow trout through the administration of infectious pancreatic necrosis virus-like particles. <b>2012</b> , 36, 378-84	18
1940	Suitability of differently formulated dry powder Newcastle disease vaccines for mass vaccination of poultry. <b>2012</b> , 80, 649-56	13
1939	Immunogenicity of Lactobacillus-expressing VP2 and VP3 of the infectious pancreatic necrosis virus (IPNV) in rainbow trout. <b>2012</b> , 32, 196-203	40
1938	Antiviral effects of Edefensin derived from orange-spotted grouper (Epinephelus coioides). <b>2012</b> , 32, 828-38	64
1937	Attenuated Salmonella typhimurium delivering DNA vaccine encoding duck enteritis virus UL24 induced systemic and mucosal immune responses and conferred good protection against challenge. <b>2012</b> , 43, 56	17
1936	Vector competence of Culicoides sonorensis (Diptera: Ceratopogonidae) to epizootic hemorrhagic disease virus serotype 7. <b>2012</b> , 5, 236	25

1935	Survival of influenza virus on hands and fomites in community and laboratory settings. <b>2012</b> , 40, 590-4	32
1934	Identification of a novel CCR7 gene in rainbow trout with differential expression in the context of mucosal or systemic infection. <b>2012</b> , 38, 302-11	24
1933	Vaccinia viruses isolated from skin infection in horses produced cutaneous and systemic disease in experimentally infected rabbits. <b>2012</b> , 93, 1070-5	3
1932	The pathogenesis of low pathogenic avian influenza in mallards. <b>2012</b> , 56, 976-80	19
1931	Amelioration of influenza virus-induced reactive oxygen species formation by epigallocatechin gallate derived from green tea. <b>2012</b> , 33, 1533-41	40
1930	Molecular characterization of a complete genome and 12 Nsp2 genes of PRRSV of southwestern China. <b>2012</b> , 4, 102-14	13
1929	Functional genomic studies on an immune- and antiviral-related gene of MyD88 in orange-spotted grouper, Epinephelus coioides. <b>2012</b> , 57, 3277-3287	9
1928	Development of a blocking ELISA for detection of serum neutralizing antibodies against newly emerged duck Tembusu virus. <b>2012</b> , 7, e53026	50
1927	Pathogenesis and tissue distribution of avian infectious bronchitis virus isolate IRFIBV32 (793/B serotype) in experimentally infected broiler chickens. <b>2012</b> , 2012, 402537	22
1926	Two new daucane sesquiterpenoids from Daphne aurantiaca. <b>2012</b> , 17, 10046-51	5
1925	Quantification of the effectiveness of laboratory diagnostics of rabies using classical and molecular-genetic methods. <b>2012</b> , 49, 259-267	3
1924	Comparison of the detection and quantification of rabies antibodies in canine sera. <b>2012</b> , 47, 218-221	7
1923	KEY PARAMETERS OF MEASLES VIRUS PRODUCTION FOR ONCOLYTIC VIROTHERAPY. <b>2012</b> , 8, 81-98	14
1922	A human antibody recognizing a conserved epitope of H5 hemagglutinin broadly neutralizes highly pathogenic avian influenza H5N1 viruses. <b>2012</b> , 86, 2978-89	51
1921	MDCK cell-cultured influenza virus vaccine protects mice from lethal challenge with different influenza viruses. <b>2012</b> , 94, 1173-9	11
1920	Whole genome sequencing and biological characterization of Duck/JS/10, a new lentogenic class I Newcastle disease virus. <b>2012</b> , 157, 869-80	27
1919	A multiplex RT-PCR assay for detection and differentiation of avian H3, H5, and H9 subtype influenza viruses and Newcastle disease viruses. <b>2012</b> , 181, 164-9	16
1918	Nortriterpene constituents from Schisandra sphenanthera. <b>2012</b> , 68, 440-446	26

1917	Ultra-low dose of Mycobacterium tuberculosis aerosol creates partial infection in mice. <b>2012</b> , 92, 160-5	35
1916	Molecular and antigenic characterization of H9N2 avian influenza virus isolates from chicken flocks between 1998 and 2007 in China. <b>2012</b> , 156, 285-93	34
1915	Systematic mutation analysis of two-component signal transduction systems reveals EsrA-EsrB and PhoP-PhoQ as the major virulence regulators in Edwardsiella tarda. <b>2012</b> , 157, 190-9	47
1914	Transmissible gastroenteritis virus infection induces apoptosis through FasL- and mitochondria-mediated pathways. <b>2012</b> , 158, 12-22	40
1913	Genetic and pathobiologic characterization of H3N2 canine influenza viruses isolated in the Jiangsu Province of China in 2009-2010. <b>2012</b> , 158, 247-58	32
1912	In contrast to conventional inactivated influenza vaccines, 4xM2e.HSP70c fusion protein fully protected mice against lethal dose of H1, H3 and H9 influenza A isolates circulating in Iran. <b>2012</b> , 430, 63-72	26
1911	Vibrio alginolyticus infection in Asian seabass (Lates calcarifer, Bloch) reared in open sea floating cages in India. <b>2012</b> , 44, 86-92	33
1910	The tree shrew provides a useful alternative model for the study of influenza H1N1 virus. 2013, 10, 111	49
1909	Prokaryote-expressed M2e protein improves H9N2 influenza vaccine efficacy and protection against lethal influenza A virus in mice. <b>2013</b> , 10, 104	21
1908	Application of real-time reverse transcription polymerase chain reaction to the detection the matrix, H5 and H7 genes of avian influenza viruses in field samples from South Korea. <b>2013</b> , 10, 85	6
1907	A (H1N1) pdm09 HA D222 variants associated with severity and mortality in patients during a second wave in Mexico. <b>2013</b> , 10, 41	25
1906	The 2009 pandemic (H1N1) viruses isolated from pigs show enhanced pathogenicity in mice. <b>2013</b> , 44, 41	5
1905	Isolation and characterization of two H5N1 influenza viruses from swine in Jiangsu Province of China. <b>2013</b> , 158, 2531-41	21
1904	Purification of white spot syndrome virus by iodixanol density gradient centrifugation. <b>2013</b> , 36, 841-51	4
1903	Induction of a broad spectrum of inflammation-related genes by Coxsackievirus B3 requires Interleukin-1 signaling. <b>2013</b> , 202, 11-23	10
1902	Host immune responses of ducks infected with H5N1 highly pathogenic avian influenza viruses of different pathogenicities. <b>2013</b> , 166, 386-93	31
1901	Asd-based balanced-lethal system in attenuated Edwardsiella tarda to express a heterologous antigen for a multivalent bacterial vaccine. <b>2013</b> , 34, 1188-94	10
1900	Phenotypic characterization, virulence, and immunogenicity of Edwardsiella tarda LSE40 aroA mutant. <b>2013</b> , 97, 6325-35	6

1899	Role of alternative sigma factor 54 (RpoN) from Vibrio anguillarum M3 in protease secretion, exopolysaccharide production, biofilm formation, and virulence. <b>2013</b> , 97, 2575-85	25
1898	Experimental infection of non-human primates with avian influenza virus (H9N2). <b>2013</b> , 158, 2127-34	23
1897	Recovery of avirulent, thermostable Newcastle disease virus strain NDV4-C from cloned cDNA and stable expression of an inserted foreign gene. <b>2013</b> , 158, 2115-20	14
1896	Genetic characterization of Duck Hepatitis A Viruses isolated in China. <b>2013</b> , 178, 211-6	21
1895	Detection of VR-2332 strain of porcine reproductive and respiratory syndrome virus type II using an aptamer-based sandwich-type assay. <b>2013</b> , 85, 66-74	22
1894	Neutralization of five subgenotypes of Enterovirus 71 by Taiwanese human plasma and Taiwanese plasma derived intravenous immunoglobulin. <b>2013</b> , 41, 154-7	6
1893	Antiviral activity of phosvitin from zebrafish Danio rerio. <b>2013</b> , 40, 28-34	20
1892	Inhibition of Japanese encephalitis virus infection in vitro and in vivo by pokeweed antiviral protein. <b>2013</b> , 171, 89-96	30
1891	Molecular and functional characterization of canine interferon-epsilon. <b>2013</b> , 33, 760-8	15
1890	Germacrone inhibits early stages of influenza virus infection. <b>2013</b> , 100, 578-88	38
1889	Chemical composition and antinociceptive, anti-inflammatory and antiviral activities of Gallesia gorazema (Phytolaccaceae), a potential candidate for novel anti-herpetic phytomedicines. <b>2013</b> , 150, 595-600	10
1888	Recombinant TNFs oral vaccine adjuvant protects European sea bass against vibriosis: insights into the role of the CCL25/CCR9 axis. <b>2013</b> , 35, 1260-71	58
1887	Enzymatic synthesis of novel phenol acid rutinosides using rutinase and their antiviral activity in vitro. <b>2013</b> , 61, 9617-22	28
1886	Identification of antigenic Edwardsiella tarda surface proteins and their role in pathogenesis. <b>2013</b> , 34, 673-82	9
1885	Expression of coxsackievirus and adenovirus receptor (CAR)-Fc fusion protein in Pichia pastoris and characterization of its anti-coxsackievirus activity. <b>2013</b> , 164, 461-8	5
1884	Targeting cell division cycle 25 homolog B to regulate influenza virus replication. <b>2013</b> , 87, 13775-84	18
1883	An insulin-like growth factor homologue of Singapore grouper iridovirus modulates cell proliferation, apoptosis and enhances viral replication. <b>2013</b> , 94, 2759-2770	14
1882	VP1 B-C and D-E loops of bovine enterovirus cluster B can effectively display foot-and-mouth disease virus type O-conserved neutralizing epitope. <b>2013</b> , 94, 2691-2699	7

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1881	Quantitation of influenza virus using field flow fractionation and multi-angle light scattering for quantifying influenza A particles. <b>2013</b> , 193, 589-96	31
1880	Mutational analysis of the binding pockets of the diketo acid inhibitor L-742,001 in the influenza virus PA endonuclease. <b>2013</b> , 87, 10524-38	56
1879	Specific mutations in H5N1 mainly impact the magnitude and velocity of the host response in mice. <b>2013</b> , 7, 69	17
1878	Establishment and characterization of a fin cell line from blunt snout bream, Megalobrama amblycephala. <b>2013</b> , 39, 1399-410	24
1877	VscO, a putative T3SS chaperone escort of Vibrio alginolyticus, contributes to virulence in fish and is a target for vaccine development. <b>2013</b> , 35, 1523-31	22
1876	Characterisation of one H6N6 influenza virus isolated from swine in China. <b>2013</b> , 95, 434-6	12
1875	Role of the viral hemagglutinin in the anti-influenza virus activity of newly synthesized polycyclic amine compounds. <b>2013</b> , 99, 281-91	21
1874	Dynamics of antibody response and viraemia following natural infection of porcine circovirus 2 (PCV-2) in a conventional pig herd. <b>2013</b> , 121, 1207-13	2
1873	Carrier-free nanoassemblies of a novel oxazolidinone compound FYL-67 display antimicrobial activity on methicillin-resistant Staphylococcus aureus. <b>2013</b> , 5, 275-83	10
1872	A DNA vaccine expressing ENV and GAG offers partial protection against reticuloendotheliosis virus in the prairie chicken (Tympanicus cupido). <b>2013</b> , 44, 251-61	3
1871	Targeting organic anion transporter 3 with probenecid as a novel anti-influenza a virus strategy. <b>2013</b> , 57, 475-83	33
1870	Critical roles of glucocorticoid-induced leucine zipper in infectious bursal disease virus (IBDV)-induced suppression of type I Interferon expression and enhancement of IBDV growth in host cells via interaction with VP4. <b>2013</b> , 87, 1221-31	58
1869	Rapid pathotyping of Newcastle Disease Virus by pyrosequencing. <b>2013</b> , 188, 13-20	16
1868	Griffithsin inhibits Japanese encephalitis virus infection in vitro and in vivo. <b>2013</b> , 158, 349-58	62
1867	Microbial and enzymatic inactivation of prions in soil environments. <b>2013</b> , 59, 1-15	7
1866	Cyprinid herpesvirus 3 infection disrupts the skin barrier of common carp (Cyprinus carpio L.). <b>2013</b> , 162, 456-470	68
1865	Safety and protective efficacy of live attenuated Salmonella Gallinarum mutants in Rhode Island Red chickens. <b>2013</b> , 31, 1094-9	14
1864	Rapid and convenient assays to assess potential inhibitory activity on in vitro hepatitis A replication. <b>2013</b> , 98, 325-31	11

1863	Characterization of a ranavirus isolated from the Chinese giant salamander (Andrias davidianus, Blanchard, 1871) in China. <b>2013</b> , 384-387, 66-73	19
1862	The role of accessory proteins in the replication of feline infectious peritonitis virus in peripheral blood monocytes. <b>2013</b> , 162, 447-455	19
1861	Engagement of new castle disease virus (NDV) matrix (M) protein with charged multivesicular body protein (CHMP) 4 facilitates viral replication. <b>2013</b> , 171, 80-8	12
1860	A study of the virulence in mice of high copying fidelity variants of human enterovirus 71. <b>2013</b> , 176, 265-72	16
1859	Resistance to influenza A virus infection in transformed cell lines expressing an anti-PB2 monoclonal antibody. <b>2013</b> , 198, 487-93	3
1858	Attenuated virulence of pigment-producing mutant of Aeromonas veronii bv. sobria in HeLa cells and Nile tilapia (Oreochromis niloticus)Peer review under responsibility of Faculty of Veterinary Medicine, Cairo University. View all notes. <b>2013</b> , 1, 43-47	2
1857	Experimental infection of juvenile domestic and Canada geese with two different clades of H5N1 high pathogenicity avian influenza virus. <b>2013</b> , 163, 235-41	8
1856	Domestic cats and dogs are susceptible to H9N2 avian influenza virus. <b>2013</b> , 175, 52-7	47
1855	Lignans from the fruit of Schisandra sphenanthera, and their inhibition of HSV-2 and adenovirus. <b>2013</b> , 6, 174-178	17
1854	Transmissible gastroenteritis virus infection induces cell cycle arrest at S and G2/M phases via p53-dependent pathway. <b>2013</b> , 178, 241-51	27
1853	Sublingual administration of bacteria-expressed influenza virus hemagglutinin 1 (HA1) induces protection against infection with 2009 pandemic H1N1 influenza virus. <b>2013</b> , 51, 130-5	13
1852	Comparison of vRNA and cRNA based reporters for detection of influenza replication. <b>2013</b> , 98, 76-84	
1851	Immunomodulaton and attenuation of lethal influenza A virus infection by oral administration with KIOM-C. <b>2013</b> , 98, 386-93	8
1850	Oral poliovirus vaccine evolution and insights relevant to modeling the risks of circulating vaccine-derived polioviruses (cVDPVs). <b>2013</b> , 33, 680-702	81
1849	Easy expression of the C-terminal heavy chain domain of botulinum neurotoxin serotype A as a vaccine candidate using a bi-cistronic baculovirus system. <b>2013</b> , 189, 58-64	10
1848	Characterization of a wild rabies virus isolate of porcine origin in China. <b>2013</b> , 17, 147-52	10
1847	Inhibition of rotavirus replication by downregulation of fatty acid synthesis. <b>2013</b> , 94, 1310-1317	41
1846	Potent inhibition of Hendra virus infection via RNA interference and poly I:C immune activation. <b>2013</b> , 8, e64360	5

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1845	Susceptibility and intra-species transmission of the H9N2 G1 prototype lineage virus in Japanese quail and turkeys. <b>2013</b> , 165, 177-83	18
1844	Recombinant adenovirus expressing F and H fusion proteins of peste des petits ruminants virus induces both humoral and cell-mediated immune responses in goats. <b>2013</b> , 154, 1-7	27
1843	Embryos produced from fertilization with bovine viral diarrhea virus (BVDV)-infected semen and the risk of disease transmission to embryo transfer (ET) recipients and offspring. <b>2013</b> , 80, 451-5	7
1842	Establishment of reverse genetics system for infectious bronchitis virus attenuated vaccine strain H120. <b>2013</b> , 162, 53-61	22
1841	Anthropogenic roost switching and rabies virus dynamics in house-roosting big brown bats. <b>2013</b> , 13, 498-504	17
1840	Measles virus causes immunogenic cell death in human melanoma. <b>2013</b> , 20, 7-15	120
1839	Characterization of growth and Oryctes rhinoceros nudivirus production in attached cultures of the DSIR-HA-1179 coleopteran insect cell line. <b>2013</b> , 65, 1003-16	9
1838	Identification of the STAT1 gene and the characterisation of its immune response to immunostimulants, including nervous necrosis virus (NNV) infection, in Malabar grouper (Epinephelus malabaricus). <b>2013</b> , 35, 1339-48	14
1837	Simultaneous detection of five major serotypes of Avian coronavirus by a multiplex microsphere-based assay. <b>2013</b> , 25, 458-66	7
1836	Natural and long-lasting cellular immune responses against influenza in the M2e-immune host. <b>2013</b> , 6, 276-87	40
1835	Lethal Crimean-Congo hemorrhagic fever virus infection in interferon 和eceptor knockout mice is associated with high viral loads, proinflammatory responses, and coagulopathy. <b>2013</b> , 207, 1909-21	74
1834	Cross-Reactivity against Naja sumatrana (Black Spitting Cobra) Envenoming from the Haffkine Antivenom in a Mouse Model. <b>2013</b> , 2013, 247645	3
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1831	N 2 gas plasma inactivates influenza virus by inducing changes in viral surface morphology, protein, and genomic RNA. <b>2013</b> , 2013, 694269	21
1830	The PA and HA gene-mediated high viral load and intense innate immune response in the brain contribute to the high pathogenicity of H5N1 avian influenza virus in mallard ducks. <b>2013</b> , 87, 11063-75	31
1829	Different mechanisms of inflammation induced in virus and autoimmune-mediated models of multiple sclerosis in C57BL6 mice. <b>2013</b> , 2013, 589048	12
1828	Intracellular antibody receptor TRIM21 prevents fatal viral infection. 2013, 110, 12397-401	72

1827	The endosomal pathway and the Golgi complex are involved in the infectious bursal disease virus life cycle. <b>2013</b> , 87, 8993-9007	30
1826	Serological evidence and risk factors associated with Caprine herpesvirus 1 in dairy goat flocks in a semiarid region of northeastern Brazil. <b>2013</b> , 25, 125-8	4
1825	Comprehensive mutational analysis reveals p6Gag phosphorylation to be dispensable for HIV-1 morphogenesis and replication. <b>2013</b> , 87, 724-34	16
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1823	Selective serotonin reuptake inhibitor fluoxetine inhibits replication of human enteroviruses B and D by targeting viral protein 2C. <b>2013</b> , 57, 1952-6	73
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1820	Cross-reactive influenza-specific antibody-dependent cellular cytotoxicity antibodies in the absence of neutralizing antibodies. <b>2013</b> , 190, 1837-48	175
1819	Molecular cloning and immune responsive expression of a ribonuclease III orthologue involved in RNA interference, dicer, in grass carp Ctenopharyngodon idella. <b>2013</b> , 83, 1234-48	4
1818	Diet-induced obese mice exhibit altered heterologous immunity during a secondary 2009 pandemic H1N1 infection. <b>2013</b> , 191, 2474-85	56
1817	Ribavirin-resistant mutants of human enterovirus 71 express a high replication fidelity phenotype during growth in cell culture. <b>2013</b> , 87, 1759-69	50
1816	Comparative proteomic analysis reveals new components of the PhoP regulon and highlights a role for PhoP in the regulation of genes encoding the F1F0 ATP synthase in Edwardsiella tarda. <b>2013</b> , 159, 1340-1351	10
1815	Assessing the fitness of distinct clades of influenza A (H9N2) viruses. <b>2013</b> , 2, e75	44
1814	Experimental infection of bar-headed geese (Anser indicus) and ruddy shelducks (Tadorna ferruginea) with a clade 2.3.2 H5N1 highly pathogenic avian influenza virus. <b>2013</b> , 50, 961-70	19
1813	Pathogenesis of H9N2 virus in Chukar partridges. <b>2013</b> , 42, 230-4	11
1812	The pathogenicity and host immune response associated with H5N1 highly pathogenic avian influenza virus in quail. <b>2013</b> , 75, 451-7	12
1811	Experimental infection of dogs with H3N2 canine influenza virus from China. <b>2013</b> , 141, 2595-603	8
1810	In vitro antiviral activity and underlying molecular mechanisms of dipotassium glycyrrhetate against porcine reproductive and respiratory syndrome virus. <b>2013</b> , 18, 997-1004	15

1809	Incursion and spread of H5N1 highly pathogenic avian influenza viruses among wild birds in 2010-11 winter in Japan. <b>2013</b> , 75, 605-12	11
1808	Phylogenetic and pathogenetic analysis of Streptococcus suis serotype 7 strain HW07 isolated from diseased pig in China. <b>2013</b> , 7, 406-412	1
1807	A survey strategy for human respiratory syncytial virus detection among haematopoietic stem cell transplant patients: epidemiological and methodological analysis. <b>2013</b> , 108, 119-22	3
1806	Immunogenicity of live attenuated B. pertussis BPZE1 producing the universal influenza vaccine candidate M2e. <b>2013</b> , 8, e59198	7
1805	Human IgG subclasses against enterovirus Type 71: neutralization versus antibody dependent enhancement of infection. <b>2013</b> , 8, e64024	37
1804	Enhanced neutralizing antibody titers and Th1 polarization from a novel Escherichia coli derived pandemic influenza vaccine. <b>2013</b> , 8, e76571	17
1803	Early host responses of seasonal and pandemic influenza A viruses in primary well-differentiated human lung epithelial cells. <b>2013</b> , 8, e78912	44
1802	Identification of traditional medicinal plant extracts with novel anti-influenza activity. <b>2013</b> , 8, e79293	51
1801	A screen for genetic suppressor elements of hepatitis C virus identifies a supercharged protein inhibitor of viral replication. <b>2013</b> , 8, e84022	1
1800	Increased infectivity in human cells and resistance to antibody-mediated neutralization by truncation of the SIV gp41 cytoplasmic tail. <b>2013</b> , 4, 117	8
1799	Melaleuca alternifolia concentrate inhibits in vitro entry of influenza virus into host cells. <b>2013</b> , 18, 9550-66	9
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1797	Establishment of a Cell Line from Chinese Soft-shelled Turtle Pelodiscus sinensis with the Practicability of Transfection and Viral Replication. <b>2013</b> , 48, 126-134	4
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1793	Gene Expression Profiles Underlying Selective T-Cell-Mediated Immunity Activity of a Chinese Medicine Granule on Mice Infected with Influenza Virus H1N1. <b>2014</b> , 2014, 976364	4
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1789	Discovery of gramine derivatives that inhibit the early stage of EV71 replication in vitro. <b>2014</b> , 19, 8949-64	8
1788	Growth and replication of infectious bursal disease virus in the DF-1 cell line and chicken embryo fibroblasts. <b>2014</b> , 2014, 494835	21
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1786	Serological evidence for Saint Louis encephalitis virus in free-ranging New World monkeys and horses within the upper Paran®River basin region, Southern Brazil. <b>2014</b> , 47, 280-6	9
1785	Ostreid herpesvirus type 1 replication and host response in adult Pacific oysters, Crassostrea gigas. <b>2014</b> , 45, 103	48
1784	Non-cytotoxic Thymus capitata extracts prevent Bovine herpesvirus-1 infection in cell cultures. <b>2014</b> , 10, 231	7
1783	Phylogenetic and pathogenic analysis of a novel H6N2 avian influenza virus isolated from a green peafowl in a wildlife park. <b>2014</b> , 58, 632-7	3
1782	Long-term outcome of the humoral and cellular immune response of an H5N1 adjuvanted influenza vaccine in elderly persons: 2-year follow-up of a randomised open-label study. <b>2014</b> , 15, 419	5
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1780	Francisella tularensis Schu S4 lipopolysaccharide core sugar and O-antigen mutants are attenuated in a mouse model of tularemia. <b>2014</b> , 82, 1523-39	21
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1778	Saffold virus is able to productively infect primate and rodent cell lines and induces apoptosis in these cells. <b>2014</b> , 3, e15	7
1777	Identification of a microspordium isolated from Megacopta cribraria (Hemiptera: Plataspidae) and characterization of its pathogenicity in silkworms. <b>2014</b> , 106, 1061-9	3
1776	Re-emergence of rabies in the Guangxi province of Southern China. <b>2014</b> , 8, e3114	5
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1771	Function of duck RIG-I in induction of antiviral response against IBDV and avian influenza virus on chicken cells. <b>2014</b> , 191, 184-91	16
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1764	Suppression of interferon lambda signaling by SOCS-1 results in their excessive production during influenza virus infection. <b>2014</b> , 10, e1003845	76
1763	Development and evaluation of a blocking enzyme-linked immunosorbent assay and virus neutralization assay to detect antibodies to viral hemorrhagic septicemia virus. <b>2014</b> , 21, 435-42	12
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1759	Effects of the nuclear localization of the N(pro) protein of classical swine fever virus on its virulence in pigs. <b>2014</b> , 174, 391-398	4
1758	Utility of snout wipe samples for influenza A virus surveillance in exhibition swine populations. <b>2014</b> , 8, 574-9	19
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1756	Evaluation of Flinders Technology Associates cards for storage and molecular detection of avian metapneumoviruses. <b>2014</b> , 43, 125-9	17

1755	Disease resistance and immune-relevant gene expression in golden mandarin fish, Siniperca scherzeri Steindachner, infected with infectious spleen and kidney necrosis virus-like agent. <b>2014</b> , 37, 1041-54	10
1754	Singapore grouper iridovirus-encoded semaphorin homologue (SGIV-sema) contributes to viral replication, cytoskeleton reorganization and inhibition of cellular immune responses. <b>2014</b> , 95, 1144-1155	11
1753	Experimental infection of different species of birds with pigeon paramyxovirus type 1 virusevaluation of clinical outcomes, viral shedding, and distribution in tissues. <b>2014</b> , 58, 523-30	11
1752	Folding fan mode counter-current chromatography offers fast blind screening for drug discovery. Case study: finding anti-enterovirus 71 agents from Anemarrhena asphodeloides. <b>2014</b> , 1368, 116-24	10
1751	Identification of a porcine pestivirus as a border disease virus from naturally infected pigs in Spain. <b>2014</b> , 174, 18	10
1750	Enzymatic modification of lipid A by ArnT protects Bordetella bronchiseptica against cationic peptides and is required for transmission. <b>2014</b> , 82, 491-9	17
1749	The West Nile virus-like flavivirus Koutango is highly virulent in mice due to delayed viral clearance and the induction of a poor neutralizing antibody response. <b>2014</b> , 88, 9947-62	35
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1744	Increasing of temperature induces pathogenicity of Streptococcus agalactiae and the up-regulation of inflammatory related genes in infected Nile tilapia (Oreochromis niloticus). <b>2014</b> , 172, 265-71	55
1743	Tembusu virus infection in Cherry Valley ducks: the effect of age at infection. <b>2014</b> , 168, 16-24	31
1742	Purified coronavirus spike protein nanoparticles induce coronavirus neutralizing antibodies in mice. <b>2014</b> , 32, 3169-3174	215
1741	Isolation and characterization of a new class of DNA aptamers specific binding to Singapore grouper iridovirus (SGIV) with antiviral activities. <b>2014</b> , 188, 146-54	30
1740	Mammalian pathogenesis of oseltamivir-resistant pandemic (H1N1) 2009 influenza virus isolated in South Korea. <b>2014</b> , 185, 41-6	7
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1738	Establishment and characterization of a rainbow trout heart endothelial cell line with susceptibility to viral hemorrhagic septicemia virus (VHSV). <b>2014</b> , 38, 255-64	9

1737	Vibrio parahaemolyticus enolase is an adhesion-related factor that binds plasminogen and functions as a protective antigen. <b>2014</b> , 98, 4937-48	37
1736	Response profiles of cytokines and chemokines against avian H9N2 influenza virus within the mouse lung. <b>2014</b> , 203, 109-14	10
1735	A simple and efficient method for detecting avian influenza virus in water samples. <b>2014</b> , 199, 124-8	3
1734	A serological survey for antibodies against foot-and-mouth disease virus (FMDV) in domestic pigs during outbreaks in Kenya. <b>2014</b> , 46, 575-81	7
1733	Exploration of the in vitro cytotoxic and antiviral activities of different medicinal plants against infectious bursal disease (IBD) virus. <b>2014</b> , 9, 531-542	4
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1731	Mutations in the FPIV motif of Newcastle disease virus matrix protein attenuate virus replication and reduce virus budding. <b>2014</b> , 159, 1813-9	18
1730	Discovery of a new sesquiterpenoid from Phellinus ignarius with antiviral activity against influenza virus. <b>2014</b> , 159, 753-60	22
1729	Downregulation of angiotensin-converting enzyme 2 by the neuraminidase protein of influenza A (H1N1) virus. <b>2014</b> , 185, 64-71	43
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1727	A conformational restriction in the influenza A virus neuraminidase binding site by R152 results in a combinational effect of I222T and H274Y on oseltamivir resistance. <b>2014</b> , 58, 1639-45	14
1726	Development of plaque assay for Chilean infectious salmon anaemia virus, application for virus purification and titration in salmon ASK cells. <b>2014</b> , 37, 989-95	11
1725	Prenylated benzoylphloroglucinols and xanthones from the leaves of Garcinia oblongifolia with antienteroviral activity. <b>2014</b> , 77, 1037-46	37
1724	Comparison of in vitro antiviral activity of tea polyphenols against influenza A and B viruses and structure-activity relationship analysis. <b>2014</b> , 93, 47-53	104
1723	Identification of a novel nuclear localization signal of baculovirus late expression factor 11. <b>2014</b> , 184, 111-9	11
1722	Analysis of the phylogeny of Chinese H9N2 avian influenza viruses and their pathogenicity in mice. <b>2014</b> , 159, 2575-86	10
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1720	Autophagy during early stages contributes to bovine viral diarrhea virus replication in MDBK cells. <b>2014</b> , 54, 1044-52	14

1719	Anti-rotavirus effects by combination therapy of stevioside and Sophora flavescens extract. <b>2014</b> , 96, 567-75	19
1718	Animal Cell Biotechnology. <b>2014</b> ,	3
1717	Virus separation using membranes. <b>2014</b> , 1104, 459-91	12
1716	Computer-guided approach to access the anti-influenza activity of licorice constituents. <b>2014</b> , 77, 563-70	30
1715	Development of an in vitro potency assay for antivenom against Malayan pit viper (Calloselasma rhodostoma). <b>2014</b> , 77, 1-5	7
1714	Wild-type and innate immune-deficient mice are not susceptible to the Middle East respiratory syndrome coronavirus. <b>2014</b> , 95, 408-412	104
1713	Evaluation of histopathological changes, viral load and immune function of domestic geese infected with Newcastle disease virus. <b>2014</b> , 43, 325-32	9
1712	Determination of infective dose of H9N2 Avian Influenza virus in different routes: aerosol, intranasal, and gastrointestinal. <b>2014</b> , 57, 369-74	15
1711	Co-infection of mallards with low-virulence Newcastle disease virus and low-pathogenic avian influenza virus. <b>2014</b> , 43, 96-104	15
1710	Efficacy assessment of an MVA vectored Rift Valley Fever vaccine in lambs. <b>2014</b> , 108, 165-72	18
1709	First demonstration of transmissible spongiform encephalopathy-associated prion protein (PrPTSE) in extracellular vesicles from plasma of mice infected with mouse-adapted variant Creutzfeldt-Jakob disease by in vitro amplification. <b>2014</b> , 289, 29247-60	46
1708	Methyltransferase-defective avian metapneumovirus vaccines provide complete protection against challenge with the homologous Colorado strain and the heterologous Minnesota strain. <b>2014</b> , 88, 12348-63	18
1707	Mutations in the chikungunya virus non-structural proteins cause resistance to favipiravir (T-705), a broad-spectrum antiviral. <b>2014</b> , 69, 2770-84	149
1706	Lethal nephrotropism of an H10N1 avian influenza virus stands out as an atypical pathotype. <b>2014</b> , 173, 189-200	15
1705	Characterization, expression and antibacterial properties of apolipoproteins A from carp (Cyprinus carpio L.) seminal plasma. <b>2014</b> , 41, 389-401	28
1704	Development of an enzyme-linked immunospot assay for determination of rotavirus infectivity. <b>2014</b> , 209, 7-14	11
1703	Virulence comparison and quantification of horizontal bovine viral diarrhoea virus transmission following experimental infection in calves. <b>2014</b> , 202, 244-9	20
1702	Roles of bovine viral diarrhea virus envelope glycoproteins in inducing autophagy in MDBK cells. <b>2014</b> , 76, 61-6	8

1701	Phylogenetic analysis of a novel H6N6 avian influenza virus isolated from a green peafowl in China and its pathogenic potential in mice. <b>2014</b> , 28, 107-12	6
1700	Construction and characterization of a recombinant invertebrate iridovirus. <b>2014</b> , 189, 286-92	8
1699	A single dose of whole inactivated H7N9 influenza vaccine confers protection from severe disease but not infection in ferrets. <b>2014</b> , 32, 4571-4577	26
1698	Evaluation of a novel strain of infectious bronchitis virus emerged as a result of spike gene recombination between two highly diverged parent strains. <b>2014</b> , 43, 249-57	14
1697	Bovine viral diarrhea virus infection induces autophagy in MDBK cells. <b>2014</b> , 52, 619-25	23
1696	Generation and characterization of influenza A viruses with altered polymerase fidelity. <b>2014</b> , 5, 4794	7 <sup>2</sup>
1695	Inhibition of antiviral innate immunity by birnavirus VP3 protein via blockage of viral double-stranded RNA binding to the host cytoplasmic RNA detector MDA5. <b>2014</b> , 88, 11154-65	44
1694	Influenza A virus hemagglutinin protein subunit vaccine elicits vaccine-associated enhanced respiratory disease in pigs. <b>2014</b> , 32, 5170-6	33
1693	Influenza A virus acquires enhanced pathogenicity and transmissibility after serial passages in swine. <b>2014</b> , 88, 11981-94	19
1692	Generation of calves persistently infected with HoBi-like pestivirus and comparison of methods for detection of these persistent infections. <b>2014</b> , 52, 3845-52	30
1691	Human coronavirus NL63 utilizes heparan sulfate proteoglycans for attachment to target cells. <b>2014</b> , 88, 13221-30	189
1690	Immunogenicity and protective efficacy of recombinant M2e.Hsp70c (Hsp70(359-610)) fusion protein against influenza virus infection in mice. <b>2014</b> , 29, 218-27	1
1689	Phylogenetic relationships and pathogenicity variation of two Newcastle disease viruses isolated from domestic ducks in Southern China. <b>2014</b> , 11, 147	29
1688	Enhancement of blood-brain barrier permeability is required for intravenously administered virus neutralizing antibodies to clear an established rabies virus infection from the brain and prevent the development of rabies in mice. <b>2014</b> , 110, 132-41	18
1687	Biodegradation of prions in compost. <b>2014</b> , 48, 6909-18	16
1686	Preparation and diagnostic use of a novel recombinant single-chain antibody against rabies virus glycoprotein. <b>2014</b> , 98, 1547-55	10
1685	Foot-and-mouth disease virus low-fidelity polymerase mutants are attenuated. <b>2014</b> , 159, 2641-50	26
1684	Screening and identification of inhibitors against influenza A virus from a US drug collection of 1280 drugs. <b>2014</b> , 109, 54-63	12

1683	Antiviral activity and underlying molecular mechanisms of Matrine against porcine reproductive and respiratory syndrome virus in vitro. <b>2014</b> , 96, 323-7	26
1682	Detection of murine norovirus by reverse transcription loop-mediated isothermal amplification. <b>2014</b> , 204, 17-24	6
1681	Influence of NaCl on the inactivation of murine norovirus-1 and hepatitis A virus in the Korean traditional salted oyster product âfloriguljeotâlduring storage. <b>2014</b> , 62, 382-387	14
1680	Development of an enzyme-linked immunosorbent spot assay to measure serum-neutralizing antibodies against coxsackievirus B3. <b>2014</b> , 21, 312-20	14
1679	Effects of daily temperature fluctuation on the survival of carp infected with Cyprinid herpesvirus 3. <b>2014</b> , 433, 208-213	10
1678	Recombinant tandem multi-linear neutralizing epitopes of human enterovirus 71 elicited protective immunity in mice. <b>2014</b> , 11, 79	19
1677	The adaptation of a CTN-1 rabies virus strain to high-titered growth in chick embryo cells for vaccine development. <b>2014</b> , 11, 85	5
1676	Plasmid CDS5 influences infectivity and virulence in a mouse model of Chlamydia trachomatis urogenital infection. <b>2014</b> , 82, 3341-9	30
1675	Interferon-land mycophenolic acid are potent inhibitors of Middle East respiratory syndrome coronavirus in cell-based assays. <b>2014</b> , 95, 571-577	160
1674	Characterization of the biological properties and complete genome sequence analysis of a cattle-derived rabies virus isolate from the Guangxi province of southern China. <b>2014</b> , 49, 417-27	2
1673	Characterization of an H4N2 influenza virus from Quails with a multibasic motif in the hemagglutinin cleavage site. <b>2014</b> , 468-470, 72-80	8
1672	Thermal Inactivation of Murine Norovirus-1 in Suspension and in Dried Mussels (Mytilus edulis). <b>2014</b> , 34, 193-198	6
1671	Evaluation of protective efficacy of live attenuated Salmonella enterica serovar Gallinarum vaccine strains against fowl typhoid in chickens. <b>2014</b> , 21, 1267-76	9
1670	Ultrastructural morphogenesis of an amphibian iridovirus isolated from Chinese giant salamander (Andrias davidianus). <b>2014</b> , 150, 325-31	26
1669	Inactivation of dengue virus in plasma with amotosalen and ultraviolet A illumination. <b>2014</b> , 54, 2924-30	47
1668	Stability of infectious human coronavirus NL63. <b>2014</b> , 205, 87-90	6
1667	IFN-In turtle: conservation in sequence and signalling and role in inhibiting iridovirus replication in Chinese soft-shelled turtle Pelodiscus sinensis. <b>2014</b> , 43, 87-95	22
1666	Silencing of neurotropic flavivirus replication in the central nervous system by combining multiple microRNA target insertions in two distinct viral genome regions. <b>2014</b> , 456-457, 247-58	18

1665	Combination treatment against scuticociliatosis by reducing the inhibitor effect of mucus in olive flounder, Paralichthys olivaceus. <b>2014</b> , 38, 282-6	3
1664	Grass carp reovirus induces apoptosis and oxidative stress in grass carp (Ctenopharyngodon idellus) kidney cell line. <b>2014</b> , 185, 77-81	31
1663	Prophylaxis and therapy of pandemic H1N1 virus infection using egg yolk antibody. <b>2014</b> , 206, 19-26	28
1662	First isolation and characterization of Edwardsiella tarda from diseased striped catfish, Pangasianodon hypophthalmus (Sauvage). <b>2014</b> , 37, 265-71	20
1661	Evidence for subclinical influenza A(H1N1)pdm09 virus infection among dogs in Guangdong Province, China. <b>2014</b> , 52, 1762-5	14
1660	Effect of wastewater-borne bacteria on algal growth and nutrients removal in wastewater-based algae cultivation system. <b>2014</b> , 167, 8-13	133
1659	New method for the visual detection of human respiratory syncytial virus using reverse transcription loop-mediated amplification. <b>2014</b> , 206, 84-8	8
1658	Concentration of enteric viruses from tap water using an anion exchange resin-based method. <b>2014</b> , 206, 95-8	8
1657	Development of a new cell line from the snout of giant grouper, Epinephelus lanceolatus (Bloch), and its application in iridovirus and nodavirus pathogenesis. <b>2014</b> , 432, 265-272	7
1656	The waaL gene is involved in lipopolysaccharide synthesis and plays a role on the bacterial pathogenesis of avian pathogenic Escherichia coli. <b>2014</b> , 172, 486-91	22
1655	Modulation of genes related to the recruitment of immune cells in the digestive tract of trout experimentally infected with infectious pancreatic necrosis virus (IPNV) or orally vaccinated. <b>2014</b> , 44, 195-205	27
1654	Application of reverse genetics for producing attenuated vaccine strains against highly pathogenic avian influenza viruses. <b>2014</b> , 76, 1111-7	10
1653	The effect of bovine viral diarrhea virus (BVDV) strains on bovine monocyte-derived dendritic cells (Mo-DC) phenotype and capacity to produce BVDV. <b>2014</b> , 11, 44	17
1652	Effect of age and inoculation route on the infection of duck Tembusu virus in Goslings. <b>2015</b> , 181, 190-7	29
1651	Genotypic and pathotypic characterization of Newcastle disease virus isolated from racing pigeons in China. <b>2015</b> , 94, 1476-82	8
1650	Integrin binding by Borrelia burgdorferi P66 facilitates dissemination but is not required for infectivity. <b>2015</b> , 17, 1021-36	31
1649	Characterization of novel avian paramyxovirus strain APMV/Shimane67 isolated from migratory wild geese in Japan. <b>2015</b> , 77, 1079-85	28
1648	The oncolytic effects of reovirus in canine solid tumor cell lines. <b>2015</b> , 77, 541-8	14

1647	Pathogenicity of border disease virus FNK2012-1 strain isolated from a pig in the natural host, sheep. <b>2015</b> , 77, 341-3	
1646	Monoclonal antibody against a putative myristoylated membrane protein encoded by grouper iridovirus 59L gene. <b>2015</b> , 113, 215-26	3
1645	Inflammation-associated alterations to the intestinal microbiota reduce colonization resistance against non-typhoidal Salmonella during concurrent malaria parasite infection. <b>2015</b> , 5, 14603	42
1644	Chick embryo chorioallantoic membrane (CAM): an alternative predictive model in acute toxicological studies for anti-cancer drugs. <b>2015</b> , 64, 129-38	81
1643	Discovering neutralizing antibodies targeting the stem epitope of H1N1 influenza hemagglutinin with synthetic phage-displayed antibody libraries. <b>2015</b> , 5, 15053	12
1642	In vitro evaluation of antiviral activity of tea seed saponins against porcine reproductive and respiratory syndrome virus. <b>2015</b> , 20, 743-52	14
1641	The role of antigen presenting cells in the induction of HIV-1 latency in resting CD4(+) T-cells. <b>2015</b> , 12, 76	22
1640	Development of reverse-transcription loop-mediated isothermal amplification assay for rapid detection and differentiation of dengue virus serotypes 1-4. <b>2015</b> , 15, 265	28
1639	Characterization of DNA aptamers generated against the soft-shelled turtle iridovirus with antiviral effects. <b>2015</b> , 11, 245	12
1638	Avian influenza virus H9N2 infections in farmed minks. <b>2015</b> , 12, 180	16
1637	Efficacy of a live attenuated vaccine in classical swine fever virus postnatally persistently infected pigs. <b>2015</b> , 46, 78	24
1636	Comparison of the pathogenesis of the highly passaged MCMV Smith strain with that of the low passaged MCMV HaNa1 isolate in BALB/c mice upon oronasal inoculation. <b>2015</b> , 46, 94	13
1635	Evaluation of the pathogenicity of West Nile virus (WNV) lineage 2 strains in a SPF chicken model of infection: NS3-249Pro mutation is neither sufficient nor necessary for conferring virulence. <b>2015</b> , 46, 130	6
1634	Effect of Bacteriophages on Vibrio alginolyticus Infection in the Sea Cucumber, Apostichopus japonicus (Selenka). <b>2015</b> , 46, 149-158	29
1633	Thermal inactivation of hepatitis A virus in suspension and in dried mussels (Mytilus edulis). <b>2015</b> , 50, 717-722	9
1632	Yu Ping Feng San, an Ancient Chinese Herbal Decoction, Induces Gene Expression of Anti-viral Proteins and Inhibits Neuraminidase Activity. <b>2015</b> , 29, 656-61	27
1631	Effective binding of a phosphatidylserine-targeting antibody to Ebola virus infected cells and purified virions. <b>2015</b> , 2015, 347903	13
1630	Elevated level of renal xanthine oxidase mRNA transcription after nephropathogenic infectious bronchitis virus infection in growing layers. <b>2015</b> , 16, 423-9	10

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1629	Pathogenicity and Complete Genome Characterization of Fowl Adenoviruses Isolated from Chickens Associated with Inclusion Body Hepatitis and Hydropericardium Syndrome in China. <b>2015</b> , 10, e0133073	92
1628	Sero-surveillance of Getah Virus among Thoroughbred Horses in Korea. <b>2015</b> , 45, 235	3
1627	Pigeon RIG-I Function in Innate Immunity against H9N2 IAV and IBDV. <b>2015</b> , 7, 4131-51	10
1626	Comparative Genomic Analysis of Classical and Variant Virulent Parental/Attenuated Strains of Porcine Epidemic Diarrhea Virus. <b>2015</b> , 7, 5525-38	54
1625	Immunogenic Subviral Particles Displaying Domain III of Dengue 2 Envelope Protein Vectored by Measles Virus. <b>2015</b> , 3, 503-18	16
1624	Characterization of Francisella tularensis Schu S4 mutants identified from a transposon library screened for O-antigen and capsule deficiencies. <b>2015</b> , 6, 338	13
1623	Effect of age on the pathogenesis of duck tembusu virus in Cherry Valley ducks. 2015, 6, 581	31
1622	Host Innate Immune Responses of Ducks Infected with Newcastle Disease Viruses of Different Pathogenicities. <b>2015</b> , 6, 1283	23
1621	The nucleocapsid protein of human coronavirus NL63. <b>2015</b> , 10, e0117833	18
1620	Effect of lysine to arginine mutagenesis in the V3 loop of HIV-1 gp120 on viral entry efficiency and neutralization. <b>2015</b> , 10, e0119879	6
1619	Antiviral effect of methylated flavonol isorhamnetin against influenza. <b>2015</b> , 10, e0121610	65
1618	A Functional Role of Fibroblast Growth Factor Receptor 1 (FGFR1) in the Suppression of Influenza A Virus Replication. <b>2015</b> , 10, e0124651	11
1617	Postnatal persistent infection with classical Swine Fever virus and its immunological implications. <b>2015</b> , 10, e0125692	40
1616	Recognition of Linear B-Cell Epitope of Betanodavirus Coat Protein by RG-M18 Neutralizing mAB Inhibits Giant Grouper Nervous Necrosis Virus (GGNNV) Infection. <b>2015</b> , 10, e0126121	11
1615	Lower Low-Density Lipoprotein Cholesterol Levels Are Associated with Severe Dengue Outcome. <b>2015</b> , 9, e0003904	35
1614	Differential Host Immune Responses after Infection with Wild-Type or Lab-Attenuated Rabies Viruses in Dogs. <b>2015</b> , 9, e0004023	15
1613	A de novo Assembly of the Common Frog (Rana temporaria) Transcriptome and Comparison of Transcription Following Exposure to Ranavirus and Batrachochytrium dendrobatidis. <b>2015</b> , 10, e0130500	25
1612	Recombinant Salmonella Expressing Burkholderia mallei LPS O Antigen Provides Protection in a Murine Model of Melioidosis and Glanders. <b>2015</b> , 10, e0132032	14

1611	Phenotypic and Genetic Characterization of Avian Influenza H5N2 Viruses with Intra- and Inter-Duck Variations in Taiwan. <b>2015</b> , 10, e0133910	2
1610	Membrane-Active Sequences within gp41 Membrane Proximal External Region (MPER) Modulate MPER-Containing Peptidyl Fusion Inhibitor Activity and the Biosynthesis of HIV-1 Structural Proteins. <b>2015</b> , 10, e0134851	3
1609	Experimental Infection of Ornithodoros erraticus sensu stricto with Two Portuguese African Swine Fever Virus Strains. Study of Factors Involved in the Dynamics of Infection in Ticks. <b>2015</b> , 10, e0137718	9
1608	Use of Centrifugal Filter Devices to Concentrate Dengue Virus in Mosquito per os Infection Experiments. <b>2015</b> , 10, e0138161	12
1607	Aureonitol, a Fungi-Derived Tetrahydrofuran, Inhibits Influenza Replication by Targeting Its Surface Glycoprotein Hemagglutinin. <b>2015</b> , 10, e0139236	16
1606	Interferon-Inhibits Ebola Virus Infection. <b>2015</b> , 11, e1005263	49
1605	Specific Inhibitory Effect of Carrageenan Polysaccharide on Swine Pandemic 2009 H1N1 Influenza Virus. <b>2015</b> , 10, e0126577	28
1604	Expression of the Multimeric and Highly Immunogenic Brucella spp. Lumazine Synthase Fused to Bovine Rotavirus VP8d as a Scaffold for Antigen Production in Tobacco Chloroplasts. <b>2015</b> , 6, 1170	6
1603	Antiviral and Antioxidant Activities of Sulfated Galactomannans from Plants of Caatinga Biome. <b>2015</b> , 2015, 591214	11
1602	Antiviral Action of Hydromethanolic Extract of Geopropolis from Scaptotrigona postica against Antiherpes Simplex Virus (HSV-1). <b>2015</b> , 2015, 296086	24
1601	Actinobacteria from Termite Mounds Show Antiviral Activity against Bovine Viral Diarrhea Virus, a Surrogate Model for Hepatitis C Virus. <b>2015</b> , 2015, 745754	9
1600	The effect of BM67 gene deletion on Bombyx mori nuclear polyhedrosis virus replication. <b>2015</b> , 59, 40-8	
1599	Formulation, Efficacy and Immunogenicity Studies of a Liquid State Rabies Vaccine with Magnesium Chloride as Stabilizer. <b>2015</b> , 06,	
1598	Effective lethal mutagenesis of influenza virus by three nucleoside analogs. <b>2015</b> , 89, 3584-97	43
1597	Armochaetoglobins A-J: Cytochalasan Alkaloids from Chaetomium globosum TW1-1, a Fungus Derived from the Terrestrial Arthropod Armadillidium vulgare. <b>2015</b> , 78, 1193-201	49
1596	Mouse lung slices: An ex vivo model for the evaluation of antiviral and anti-inflammatory agents against influenza viruses. <b>2015</b> , 120, 101-11	13
1595	Assessment of the IFN-Iresponse to four feline caliciviruses: Infection in CRFK cells. 2015, 34, 352-60	21
1594	Impact of vaccination on infection with Vietnam H5N1 high pathogenicity avian influenza virus in hens and the eggs they lay. <b>2015</b> , 33, 1324-30	16

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1593	Establishment and characterization of fin cell lines from diploid, triploid, and tetraploid oriental weatherfish (Misgurnus anguillicaudatus). <b>2015</b> , 41, 661-72	10
1592	Repeated Low-Dose Influenza Virus Infection Causes Severe Disease in Mice: a Model for Vaccine Evaluation. <b>2015</b> , 89, 7841-51	22
1591	Identification of Influenza A Virus PB2 Residues Involved in Enhanced Polymerase Activity and Virus Growth in Mammalian Cells at Low Temperatures. <b>2015</b> , 89, 8042-9	23
1590	Synergistic Effect of S224P and N383D Substitutions in the PA of H5N1 Avian Influenza Virus Contributes to Mammalian Adaptation. <b>2015</b> , 5, 10510	30
1589	Twenty amino acids at the C-terminus of PA-X are associated with increased influenza A virus replication and pathogenicity. <b>2015</b> , 96, 2036-2049	46
1588	Virus replication cycle of white spot syndrome virus in secondary cell cultures from the lymphoid organ of Litopenaeus vannamei. <b>2015</b> , 96, 2844-2854	19
1587	Kinetics of pro-inflammatory cytokines, interleukin-10, and virus neutralising antibodies during acute ephemeral fever virus infections in Brahman cattle. <b>2015</b> , 168, 159-63	2
1586	A VACNT integrated handheld device for label-free virus capture, detection and enrichment for genomic analysis. <b>2015</b> ,	1
1585	Identification and functional characterization of Toll-like receptor 2-1 in geese. <b>2015</b> , 11, 108	6
1584	Repurposing Kinase Inhibitors as Antiviral Agents to Control Influenza A Virus Replication. <b>2015</b> , 13, 638-49	48
1583	Effect of Q211 and K222 PRNP Polymorphic Variants in the Susceptibility of Goats to Oral Infection With Goat Bovine Spongiform Encephalopathy. <b>2015</b> , 212, 664-72	24
1582	Temporal Variation in Viral Hemorrhagic Septicemia Virus Antibodies in Freshwater Drum (Aplodinotus grunniens) Indicates Cyclic Transmission in Lake Winnebago, Wisconsin. <b>2015</b> , 53, 2889-94	4
1581	A novel insect-specific flavivirus replicates only in Aedes-derived cells and persists at high prevalence in wild Aedes vigilax populations in Sydney, Australia. <b>2015</b> , 486, 272-83	42
1580	Evidence for a natural humoral response in dairy cattle affected by persistent botulism sustained by non-chimeric type C strains. <b>2015</b> , 36, 25-9	9
1579	Determination of the infectious titer and virulence of an original US porcine epidemic diarrhea virus PC22A strain. <b>2015</b> , 46, 109	38
1578	A Downward Trend of the Ratio of Influenza RNA Copy Number to Infectious Viral Titer in Hospitalized Influenza A-Infected Patients. <b>2015</b> , 2, ofv166	6
1577	Development of Pasteurella multocida-loaded microparticles for hemorrhagic septicemia vaccine. <b>2015</b> , 41, 423-9	5
1576	Development of a mouse-adapted live attenuated influenza virus that permits in vivo analysis of enhancements to the safety of live attenuated influenza virus vaccine. <b>2015</b> , 89, 3421-6	31

1575	Glycosylation at hemagglutinin Asn-167 protects the H6N1 avian influenza virus from tryptic cleavage at Arg-201 and maintains the viral infectivity. <b>2015</b> , 197, 101-7	6
1574	Porcine parvovirus infection induces apoptosis in PK-15 cells through activation of p53 and mitochondria-mediated pathway. <b>2015</b> , 456, 649-55	20
1573	Comparative virulence of wild-type H1N1pdm09 influenza A isolates in swine. <b>2015</b> , 176, 40-9	7
1572	Early steps in the European eel (Anguilla anguilla)-Vibrio vulnificus interaction in the gills: role of the RtxA13 toxin. <b>2015</b> , 43, 502-9	16
1571	Development and efficacy of a novel live-attenuated QX-like nephropathogenic infectious bronchitis virus vaccine in China. <b>2015</b> , 33, 1113-20	29
1570	Synthesis and biological evaluation of 2-oxo-pyrazine-3-carboxamide-yl nucleoside analogues and their epimers as inhibitors of influenza A viruses. <b>2015</b> , 85, 245-52	10
1569	Development of an enhanced bovine viral diarrhea virus subunit vaccine based on E2 glycoprotein fused to a single chain antibody which targets to antigen-presenting cells. <b>2015</b> , 47, 4-8	8
1568	Mammalian adaptive mutations of the PA protein of highly pathogenic avian H5N1 influenza virus. <b>2015</b> , 89, 4117-25	25
1567	Synthesis and assessment of 4-aminotetrahydroquinazoline derivatives as tick-borne encephalitis virus reproduction inhibitors. <b>2015</b> , 13, 3406-15	33
1566	Persistent infections with infectious pancreatic necrosis virus (IPNV) of different virulence in Atlantic salmon, Salmo salar L. <b>2015</b> , 38, 1005-19	24
1565	Identification of PB2 mutations responsible for the efficient replication of H5N1 influenza viruses in human lung epithelial cells. <b>2015</b> , 89, 3947-56	19
1564	A bivalent conjugate vaccine containing PspA families 1 and 2 has the potential to protect against a wide range of Streptococcus pneumoniae strains and Salmonella Typhi. <b>2015</b> , 33, 783-8	10
1563	A DN-mda5 transgenic zebrafish model demonstrates that Mda5 plays an important role in snakehead rhabdovirus resistance. <b>2015</b> , 51, 298-304	10
1562	Hemagglutinin glycosylation modulates the pathogenicity and antigenicity of the H5N1 avian influenza virus. <b>2015</b> , 175, 244-56	36
1561	Generation and evaluation of virulence attenuated mutants of Edwardsiella tarda as vaccine candidates to combat edwardsiellosis in flounder (Paralichthys olivaceus). <b>2015</b> , 43, 175-80	20
1560	Comparison of Newcastle disease vaccine administered as powder or liquid in relation to the serum antibody response and adverse vaccinal reactions in broilers. <b>2015</b> , 44, 114-23	4
1559	Replicating reoviruses with a transgene replacing the codons for the head domain of the viral spike. <b>2015</b> , 22, 267-79	19
1558	Isolation and characterization of porcine deltacoronavirus from pigs with diarrhea in the United States. <b>2015</b> , 53, 1537-48	129

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	Development of a coxsackievirus A16 neutralization test based on the enzyme-linked immunospot assay. <b>2015</b> , 215-216, 56-60	11
1556	New reassortant and enzootic European swine influenza viruses transmit efficiently through direct contact in the ferret model. <b>2015</b> , 96, 1603-12	5
1555	Characterisation of recent foot-and-mouth disease viruses from African buffalo (Syncerus caffer) and cattle in Kenya is consistent with independent virus populations. <b>2015</b> , 11, 17	13
1554	In vitro antiviral activities of enzymatic hydrolysates extracted from byproducts of the Atlantic holothurian Cucumaria frondosa. <b>2015</b> , 50, 867-875	14
1553	Antimicrobial response is increased in the testis of European sea bass, but not in gilthead seabream, upon nodavirus infection. <b>2015</b> , 44, 203-13	35
1552	Impact of Adjuvants on the Immunogenicity and Efficacy of Split-Virion H7N9 Vaccine in Ferrets. <b>2015</b> , 212, 542-51	19
1551	Mouse fibroblast L929 cells are less permissive to infection by Nelson Bay orthoreovirus compared to other mammalian cell lines. <b>2015</b> , 96, 1787-94	5
1550	Lack of a type-2 glycosyltransferase in the fish pathogen Flavobacterium psychrophilum determines pleiotropic changes and loss of virulence. <b>2015</b> , 46, 1	46
1549	A Dual-reporter system for real-time monitoring and high-throughput CRISPR/Cas9 library screening of the hepatitis C virus. <b>2015</b> , 5, 8865	39
1548	Immune responses of ducks infected with duck Tembusu virus. <b>2015</b> , 6, 425	60
1547	Evaluation of candidate vaccine approaches for MERS-CoV. <b>2015</b> , 6, 7712	218
	Evaluation of candidate vaccine approaches for MERS-CoV. <b>2015</b> , 6, 7712  Expression of antigenic epitopes of porcine reproductive and respiratory syndrome virus (PRRSV) in a modified live-attenuated porcine circovirus type 2 (PCV2) vaccine virus (PCV1-2a) as a potential bivalent vaccine against both PCV2 and PRRSV. <b>2015</b> , 210, 154-64	218
	Expression of antigenic epitopes of porcine reproductive and respiratory syndrome virus (PRRSV) in a modified live-attenuated porcine circovirus type 2 (PCV2) vaccine virus (PCV1-2a) as a potential	
1546	Expression of antigenic epitopes of porcine reproductive and respiratory syndrome virus (PRRSV) in a modified live-attenuated porcine circovirus type 2 (PCV2) vaccine virus (PCV1-2a) as a potential bivalent vaccine against both PCV2 and PRRSV. <b>2015</b> , 210, 154-64  Singapore grouper iridovirus (SGIV) encoded SGIV-miR-13 attenuates viral infection via modulating	14
1546 1545	Expression of antigenic epitopes of porcine reproductive and respiratory syndrome virus (PRRSV) in a modified live-attenuated porcine circovirus type 2 (PCV2) vaccine virus (PCV1-2a) as a potential bivalent vaccine against both PCV2 and PRRSV. 2015, 210, 154-64  Singapore grouper iridovirus (SGIV) encoded SGIV-miR-13 attenuates viral infection via modulating major capsid protein expression. 2015, 205, 45-53  Saururus chinensis (Lour.) Baill blocks enterovirus 71 infection by hijacking MEK1-ERK signaling	14
1546 1545 1544	Expression of antigenic epitopes of porcine reproductive and respiratory syndrome virus (PRRSV) in a modified live-attenuated porcine circovirus type 2 (PCV2) vaccine virus (PCV1-2a) as a potential bivalent vaccine against both PCV2 and PRRSV. 2015, 210, 154-64  Singapore grouper iridovirus (SGIV) encoded SGIV-miR-13 attenuates viral infection via modulating major capsid protein expression. 2015, 205, 45-53  Saururus chinensis (Lour.) Baill blocks enterovirus 71 infection by hijacking MEK1-ERK signaling pathway. 2015, 119, 47-56  Effect of Temperature on Replication of Epizootic Hemorrhagic Disease Viruses in Culicoides	14 8 13
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1538	Recovery of infectious type Asia1 foot-and-mouth disease virus from suckling mice directly inoculated with an RNA polymerase I/II-driven unidirectional transcription plasmid. <b>2015</b> , 208, 73-81	7
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1536	PB2 segment promotes high-pathogenicity of H5N1 avian influenza viruses in mice. <b>2015</b> , 6, 73	9
1535	Identification and functional characterization of viperin of amphioxus Branchiostoma japonicum: Implications for ancient origin of viperin-mediated antiviral response. <b>2015</b> , 53, 293-302	19
1534	Evaluation of BHV-1 antibody titer in a cattle herd against different BHV-1 strains. <b>2015</b> , 179, 228-32	2
1533	The epigenetic regulator G9a mediates tolerance to RNA virus infection in Drosophila. <b>2015</b> , 11, e1004692	57
1532	The contribution of PA-X to the virulence of pandemic 2009 H1N1 and highly pathogenic H5N1 avian influenza viruses. <b>2015</b> , 5, 8262	55
1531	Antiviral butyrolactones from the endophytic fungus Aspergillus versicolor. <b>2015</b> , 81, 235-40	29
1530	MIV-150/zinc acetate gel inhibits cell-associated simian-human immunodeficiency virus reverse transcriptase infection in a macaque vaginal explant model. <b>2015</b> , 59, 3829-37	13
1529	Xenosurveillance: a novel mosquito-based approach for examining the human-pathogen landscape. <b>2015</b> , 9, e0003628	46
1528	Mammalian adaptation of influenza A(H7N9) virus is limited by a narrow genetic bottleneck. <b>2015</b> , 6, 6553	70
1527	Clinical signs and progression of lesions in the gizzard are not influenced by inclusion of ground oats or whole wheat in the diet following experimental infection with pathogenic fowl adenovirus serotype 1. <b>2015</b> , 44, 230-6	6
1526	A rapid and specific real time RT-PCR assay for diagnosis of Toscana virus infection. <b>2015</b> , 66, 107-11	7
1525	Characteristics and viral propagation properties of a new human diploid cell line, Walvax-2, and its suitability as a candidate cell substrate for vaccine production. <b>2015</b> , 11, 998-1009	11
1524	Comparison of biological characteristics of H9N2 avian influenza viruses isolated from different hosts. <b>2015</b> , 160, 917-27	14
1523	In vitro antiviral activity of germacrone against porcine parvovirus. <b>2015</b> , 160, 1415-20	7
1522	Antiviral activities of natural compounds derived from traditional chinese medicines against porcine circovirus type 2 (PCV2). <b>2015</b> , 20, 180-187	8

1521	Interaction between TIM-1 and NPC1 Is Important for Cellular Entry of Ebola Virus. <b>2015</b> , 89, 6481-93	51
1520	Generation and evaluation of a recombinant genotype VII Newcastle disease virus expressing VP3 protein of Goose parvovirus as a bivalent vaccine in goslings. <b>2015</b> , 203, 77-83	22
1519	Differential modulation of immune response and cytokine profiles in the bursae and spleen of chickens infected with very virulent infectious bursal disease virus. <b>2015</b> , 11, 75	33
1518	Molecular and antigenic characteristics of Newcastle disease virus isolates from domestic ducks in China. <b>2015</b> , 32, 34-43	23
1517	Discovery of itraconazole with broad-spectrum in vitro antienterovirus activity that targets nonstructural protein 3A. <b>2015</b> , 59, 2654-65	49
1516	Experimental susceptibility of European sea bass and Senegalese sole to different betanodavirus isolates. <b>2015</b> , 177, 53-61	30
1515	A recombinant canine distemper virus expressing a modified rabies virus glycoprotein induces immune responses in mice. <b>2015</b> , 50, 434-41	11
1514	A toll-like receptor 3 homologue that is up-regulated by poly I:C and DNA virus in turbot Scophthalmus maximus. <b>2015</b> , 86, 431-447	9
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1512	Fast hepatitis C virus RNA elimination and NS5A redistribution by NS5A inhibitors studied by a multiplex assay approach. <b>2015</b> , 59, 3482-92	19
1511	Diagnosing infection with small ruminant lentiviruses of genotypes A and B by combining synthetic peptides in ELISA. <b>2015</b> , 204, 88-93	10
1510	A Live Oral Fowl Typhoid Vaccine with Reversible O-Antigen Production. <b>2015</b> , 59, 52-6	2
1509	The M949_1556 gene plays a role on the bacterial antigenicity and pathogenicity of Riemerella anatipestifer. <b>2015</b> , 177, 193-200	15
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1507	Critical role of eukaryotic elongation factor 1 alpha 1 (EEF1A1) in avian reovirus sigma-C-induced apoptosis and inhibition of viral growth. <b>2015</b> , 160, 1449-61	12
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1504	Influenza A Virus Protein PA-X Contributes to Viral Growth and Suppression of the Host Antiviral and Immune Responses. <b>2015</b> , 89, 6442-52	68

1503	The N-terminal domain of Npro of classical swine fever virus determines its stability and regulates type I IFN production. <b>2015</b> , 96, 1746-56	8
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1500	Antiviral activity of medicinal plant Nepeta nuda. <b>2015</b> , 29, S39-S43	14
1499	Serial passage in ducks of a low-pathogenic avian influenza virus isolated from a chicken reveals a high mutation rate in the hemagglutinin that is likely due to selection in the host. <b>2015</b> , 160, 2455-70	3
1498	Protection conferred by live infectious bronchitis vaccine viruses against variant Middle East IS/885/00-like and IS/1494/06-like isolates in commercial broiler chicks. <b>2015</b> , 2, e000111	18
1497	Investigation of the salicylaldehyde thiosemicarbazone scaffold for inhibition of influenza virus PA endonuclease. <b>2015</b> , 20, 1109-21	37
1496	Development and evaluation of live attenuated Salmonella vaccines in newly hatched duckings. <b>2015</b> , 33, 5564-5571	6
1495	Viral suppression function of intracellular antibody against C-terminal domain of rabies virus phosphoprotein. <b>2015</b> , 47, 815-23	3
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1492	Establishment of a new cell line from the heart of giant grouper, Epinephelus lanceolatus (Bloch), and its application in toxicology and virus susceptibility. <b>2015</b> , 38, 175-86	19
1491	Development of water-soluble polyanionic carbosilane dendrimers as novel and highly potent topical anti-HIV-2 microbicides. <b>2015</b> , 7, 14669-83	28
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1489	Global metabolomic analysis of a mammalian host infected with Bacillus anthracis. 2015, 83, 4811-25	11
1488	Addition of N-glycosylation sites on the globular head of the H5 hemagglutinin induces the escape of highly pathogenic avian influenza A H5N1 viruses from vaccine-induced immunity. <b>2015</b> , 486, 134-45	22
1487	Development of an APC-targeted multivalent E2-based vaccine against Bovine Viral Diarrhea Virus types 1 and 2. <b>2015</b> , 33, 5163-71	9
1486	Safety and efficacy of an attenuated Chinese QX-like infectious bronchitis virus strain as a candidate vaccine. <b>2015</b> , 180, 49-58	38

1485	Age-Related Susceptibility of Turkeys to Enteric Viruses. <b>2015</b> , 59, 207-12	5
1484	Effect of amino acid sequence variations at position 149 on the fusogenic activity of the subtype B avian metapneumovirus fusion protein. <b>2015</b> , 160, 2445-53	3
1483	Mucosal, Cellular, and Humoral Immune Responses Induced by Different Live Infectious Bronchitis Virus Vaccination Regimes and Protection Conferred against Infectious Bronchitis Virus Q1 Strain. <b>2015</b> , 22, 1050-9	34
1482	Labeling of Enveloped Virus via Metabolic Incorporation of Azido Sugars. <b>2015</b> , 26, 1868-72	26
1481	Use of embryonated chicken egg as a model to study the susceptibility of avian influenza H9N2 viruses to oseltamivir carboxylate. <b>2015</b> , 224, 67-72	9
1480	Adjuvant potential of resiquimod with inactivated Newcastle disease vaccine and its mechanism of action in chicken. <b>2015</b> , 33, 4526-32	26
1479	Characterization and cross-protection evaluation of M949_1603 gene deletion Riemerella anatipestifer mutant RA-M1. <b>2015</b> , 99, 10107-16	11
1478	Antiviral effect of lithium chloride on infection of cells by canine parvovirus. <b>2015</b> , 160, 2799-805	7
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1476	Successful cross-protective efficacy induced by heat-adapted live attenuated nephropathogenic infectious bronchitis virus derived from a natural recombinant strain. <b>2015</b> , 33, 7370-7374	9
1475	New functionally-enhanced soy proteins as food ingredients with anti-viral activity. <b>2015</b> , 26, 123-32	4
1474	Protection of Insects against Viral Infection by Apoptosis-Dependent Phagocytosis. <b>2015</b> , 195, 5696-706	43
1473	Comparison of the pathogenicity of the USDA challenge virus strain to a field strain of infectious laryngotracheitis virus. <b>2015</b> , 43, 232-7	8
1472	Sex-specific behavioural symptoms of viral gut infection and Wolbachia in Drosophila melanogaster. <b>2015</b> , 82, 28-32	23
1471	Influence of temperature on Betanodavirus infection in Senegalese sole (Solea senegalensis). <b>2015</b> , 179, 162-7	19
1470	Eliciting neutralizing antibodies against the membrane proximal external region of HIV-1 Env by chimeric live attenuated influenza A virus vaccines. <b>2015</b> , 33, 3859-64	5
1469	Cholesterol-rich lipid rafts play an important role in the Cyprinid herpesvirus 3 replication cycle. <b>2015</b> , 179, 204-12	11
1468	1,2,3-Triazolyl-4-oxoquinolines: A feasible beginning for promising chemical structures to inhibit oseltamivir-resistant influenza A and B viruses. <b>2015</b> , 23, 7777-84	10

1467	New biphenyl derivatives from the leaves of Nicotiana tabacum and their cytotoxic activity. <b>2015</b> , 14, 226-229	13
1466	Inhibition of influenza H5N1 invasion by modified heparin derivatives. <b>2015</b> , 6, 640-646	27
1465	Efficacy and transmissibility of Newcastle disease I-2 vaccine strain against a field isolate of virulent ND virus (JF820294.1) in village chicken. <b>2015</b> , 47, 73-8	6
1464	Prokaryotic expression of ovis aries conglutinin encoding neck and carbohydrate recognition domain and its functional characterization. <b>2015</b> , 26, 29-36	3
1463	Immune responses and interactions following simultaneous application of live Newcastle disease, infectious bronchitis and avian metapneumovirus vaccines in specific-pathogen-free chicks. <b>2015</b> , 98, 127-33	20
1462	RIG-I from waterfowl and mammals differ in their abilities to induce antiviral responses against influenza A viruses. <b>2015</b> , 96, 277-287	11
1461	Phylogenetic and pathogenic analyses of three H5N1 avian influenza viruses (clade 2.3.2.1) isolated from wild birds in Northeast China. <b>2015</b> , 29, 138-45	9
1460	Inactivation of murine norovirus-1 and hepatitis A virus in the Korean traditional preserved raw crab product Ganjanggejang by soy sauce during storage. <b>2015</b> , 51, 293-299	9
1459	Porcine interferon-induced protein with tetratricopeptide repeats 3, poIFIT3, inhibits swine influenza virus replication and potentiates IFN-[production. <b>2015</b> , 50, 49-57	8
1458	Immunomodulatory effects of Taishan Pinus massoniana pollen polysaccharide and propolis on immunosuppressed chickens. <b>2015</b> , 78, 7-13	22
1457	HPLC analysis and antimicrobial, antimycobacterial and antiviral activities of Tabernaemontana catharinensis A. DC. <b>2015</b> , 13, 7-18	53
1456	Protective efficacy of recombinant exotoxin Aflagellin fusion protein against Pseudomonas aeruginosa infection. <b>2015</b> , 61, 60-4	13
1455	The influenza virus neuraminidase protein transmembrane and head domains have coevolved. <b>2015</b> , 89, 1094-104	18
1454	Targeting the HA2 subunit of influenza A virus hemagglutinin via CD40L provides universal protection against diverse subtypes. <b>2015</b> , 8, 211-20	29
1453	Lentivirus-mediated Bos taurus bta-miR-29b overexpression interferes with bovine viral diarrhoea virus replication and viral infection-related autophagy by directly targeting ATG14 and ATG9A in Madin-Darby bovine kidney cells. <b>2015</b> , 96, 85-94	15
1452	Discovery of a new antiviral protein isolated Lonomia obliqua analysed by bioinformatics and real-time approaches. <b>2015</b> , 67, 1011-22	3
1451	Reconstructed H3N2 influenza virus predicted from influenza vaccine strains improved cross-protective immunity in mice. <b>2016</b> , 10, 897-905	
1450	Accumulation of a soluble form of human nectin-2 is required for exerting the resistance against herpes simplex virus type 2 infection in transfected cells. <b>2016</b> , 60, 41-8	4

1449	Detection of antibodies to Oropouche virus in non-human primates in Goifia City, Goifi. <b>2016</b> , 49, 357-60	11
1448	A Novel Method for Detection of Fish Iridovirus in Groupers using Nano-Magnetic Particles. <b>2016</b> , 51, S54-S59	
1447	Green synthesis and evaluation of silver nanoparticles as adjuvant in rabies veterinary vaccine. <b>2016</b> , 11, 3597-605	55
1446	Ecofriendly one-pot synthesis and antiviral evaluation of novel pyrazolyl pyrazolines of medicinal interest. <b>2016</b> , 40, 484-498	29
1445	Immunogenicity and antigenicity of a recombinant chimeric protein containing epitopes of poliovirus type 1. <b>2016</b> , 60, 234-41	3
1444	Quercetin as an Antiviral Agent Inhibits Influenza A Virus (IAV) Entry. 2015, 8,	178
1443	The Pathogenesis of Saffold Virus in AG129 Mice and the Effects of Its Truncated L Protein in the Central Nervous System. <b>2016</b> , 8,	4
1442	Antiviral Effects of Black Raspberry (Rubus coreanus) Seed and Its Gallic Acid against Influenza Virus Infection. <b>2016</b> , 8,	36
1441	Cherry Valley Ducks Mitochondrial Antiviral-Signaling Protein-Mediated Signaling Pathway and Antiviral Activity Research. <b>2016</b> , 7, 377	14
1440	Phylogenetic and Pathotypic Characterization of Newcastle Disease Viruses Circulating in South China and Transmission in Different Birds. <b>2016</b> , 7, 119	29
1439	Duck Tembusu Virus Exhibits Pathogenicity to Kunming Mice by Intracerebral Inoculation. <b>2016</b> , 7, 190	33
1438	Full Genome Characterization of Human Influenza A/H3N2 Isolates from Asian Countries Reveals a Rare Amantadine Resistance-Conferring Mutation and Novel PB1-F2 Polymorphisms. <b>2016</b> , 7, 262	15
1437	Pathogenicity, Transmission and Antigenic Variation of H5N1 Highly Pathogenic Avian Influenza Viruses. <b>2016</b> , 7, 635	13
1436	The mRNA and Proteins Expression Levels Analysis of TC-1 Cells Immune Response to H9N2 Avian Influenza Virus. <b>2016</b> , 7, 1039	2
1435	Pathogenesis and Phylogenetic Analyses of Two Avian Influenza H7N1 Viruses Isolated from Wild Birds. <b>2016</b> , 7, 1066	13
1434	First Report of Associated with a Massive Larval Mortality Event in a Commercial Hatchery of Scallop in Chile. <b>2016</b> , 7, 1473	12
1433	Identification and Characterization of an Oligopeptidase Gene Negatively Related to Biofilm Formation. <b>2016</b> , 7, 1497	15
1432	Effectiveness of F18 Fimbrial Antigens Released by a Novel Autolyzed Expression System as a Vaccine Candidate against Lethal F18 STEC Infection. <b>2016</b> , 7, 1835	

1431	Dietary Administration of Enhances Growth Performance, Immune Response and Disease Resistance in Cherry Valley Ducks. <b>2016</b> , 7, 1975	14
1430	Antiviral Activity of Graphene-Silver Nanocomposites against Non-Enveloped and Enveloped Viruses. <b>2016</b> , 13, 430	144
1429	Disparate thermostability profiles and HN gene domains of field isolates of Newcastle disease virus from live bird markets and waterfowl in Uganda. <b>2016</b> , 13, 103	5
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1425	Eyedrop Vaccination Induced Systemic and Mucosal Immunity against Influenza Virus in Ferrets. <b>2016</b> , 11, e0157634	3
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1423	In vitro Antiviral Activity of Rubia cordifolia Aerial Part Extract against Rotavirus. <b>2016</b> , 7, 308	13
1422	Pathogens Inactivated by Low-Energy-Electron Irradiation Maintain Antigenic Properties and Induce Protective Immune Responses. <b>2016</b> , 8,	26
1421	Reassortant betanodavirus infection in turbot (Scophthalmus maximus). <b>2016</b> , 39, 1347-1356	8
1420	An oral chitosan DNA vaccine against nodavirus improves transcription of cell-mediated cytotoxicity and interferon genes in the European sea bass juveniles gut and survival upon infection. <b>2016</b> , 65, 64-72	49
1419	Prevailing PA Mutation K356R in Avian Influenza H9N2 Virus Increases Mammalian Replication and Pathogenicity. <b>2016</b> , 90, 8105-14	42
1418	Age at Vaccination and Timing of Infection Do Not Alter Vaccine-Associated Enhanced Respiratory Disease in Influenza A Virus-Infected Pigs. <b>2016</b> , 23, 470-482	13
1417	Establishment of a new cell line from the snout tissue of golden pompano Trachinotus ovatus, and its application in virus susceptibility. <b>2016</b> , 88, 2251-62	25
1416	Evidence for Vertical Transmission of Novel Duck-Origin Goose Parvovirus-Related Parvovirus. <b>2016</b> , 63, 243-7	25
1415	Characterization of two pathogenic Photobacterium strains isolated from Exopalaemon carinicauda causing mortality of shrimp. <b>2016</b> , 464, 129-135	38
1414	Cooperative effect of the VP1 amino acids 98E, 145A and 169F in the productive infection of mouse cell lines by enterovirus 71 (BS strain). <b>2016</b> , 5, e60	14

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1413	Reassortant H5N1 avian influenza viruses containing PA or NP gene from an H9N2 virus significantly increase the pathogenicity in mice. <b>2016</b> , 192, 95-101	12
1412	A simple method for expression and purification of Shiga toxin 1 (Stx1) with biological activities by using a single-promoter vector and native signal peptide. <b>2016</b> , 63, 539-45	8
1411	A Critical, Nonlinear Threshold Dictates Bacterial Invasion and Initial Kinetics During Influenza. <b>2016</b> , 6, 38703	37
1410	Phylogenetic analysis and pathogenicity of H3 subtype avian influenza viruses isolated from live poultry markets in China. <b>2016</b> , 6, 27360	17
1409	Alterations of the gut microbiome of largemouth bronze gudgeon (Coreius guichenoti) suffering from furunculosis. <b>2016</b> , 6, 30606	54
1408	Identification of an infectious bronchitis coronavirus strain exhibiting a classical genotype but altered antigenicity, pathogenicity, and innate immunity profile. <b>2016</b> , 6, 37725	13
1407	Rapid control of pandemic H1N1 influenza by targeting NKT-cells. <b>2016</b> , 6, 37999	17
1406	Identification of molecular determinants of cell culture growth characteristics of Enterovirus 71. <b>2016</b> , 13, 194	11
1405	Long-Lasting Cross-Protection Against Influenza A by Neuraminidase and M2e-based immunization strategies. <b>2016</b> , 6, 24402	36
1404	Susceptibility and pathological consequences of catla, Catla catla (Hamilton) experimentally infected with Edwardsiella tarda. <b>2016</b> , 24, 209-217	1
1403	Characterization of H7N2 Avian Influenza Virus in Wild Birds and Pikas in Qinghai-Tibet Plateau Area. <b>2016</b> , 6, 30974	16
1402	A novel Salmonella strain inactivated by a regulated autolysis system and expressing the B subunit of Shiga toxin 2e efficiently elicits immune responses and confers protection against virulent Stx2e-producing Escherichia coli. <b>2017</b> , 13, 40	7
1401	Avian H11 influenza virus isolated from domestic poultry in a Colombian live animal market. <b>2016</b> , 5, e121	18
1400	Simple reverse genetics systems for Asian and African Zika viruses. <b>2016</b> , 6, 39384	42
1399	A hamster model for Marburg virus infection accurately recapitulates Marburg hemorrhagic fever. <b>2016</b> , 6, 39214	20
1398	Vector-free transmission and persistence of Japanese encephalitis virus in pigs. <b>2016</b> , 7, 10832	106
1397	Risk assessment of recent Egyptian H5N1 influenza viruses. <b>2016</b> , 6, 38388	13
1396	Infection with Some Infectious Bursal Disease Virus Pathotypes Produces Virus in Chicken Muscle Tissue and the Role of Humoral Immunity as a Mitigation Strategy. <b>2016</b> , 60, 758-764	2

1395	Pathogenicity of duck plague and innate immune responses of the Cherry Valley ducks to duck plague virus. <b>2016</b> , 6, 32183	17
1394	A genotypic method for determining HIV-2 coreceptor usage enables epidemiological studies and clinical decision support. <b>2016</b> , 13, 85	8
1393	Identification and characterization of toll-like receptors (TLRs) in the Chinese tree shrew (Tupaia belangeri chinensis). <b>2016</b> , 60, 127-38	21
1392	Expression and purification of the matrix protein of Nipah virus in baculovirus insect cell system. <b>2016</b> , 32, 171-7	6
1391	A rabies vaccine adjuvanted with saponins from leaves of the soap tree (Quillaja brasiliensis) induces specific immune responses and protects against lethal challenge. <b>2016</b> , 34, 2305-11	26
1390	Pathogenesis of Influenza D Virus in Cattle. <b>2016</b> , 90, 5636-5642	92
1389	Amino acid substitutions occurring during adaptation of an emergent H5N6 avian influenza virus to mammals. <b>2016</b> , 161, 1665-70	15
1388	Cytokine expression in three chicken host systems infected with H9N2 influenza viruses with different pathogenicities. <b>2016</b> , 45, 630-639	13
1387	Reverse genetics vaccine seeds for influenza: Proof of concept in the source of PB1 as a determinant factor in virus growth and antigen yield. <b>2016</b> , 496, 21-27	7
1386	Drimane Sesquiterpenoids and Isochromone Derivative from the Endophytic Fungus Pestalotiopsis sp. M-23. <b>2016</b> , 6, 155-60	10
1385	Visualization of avian influenza virus infected cells using self-assembling fragments of green fluorescent protein. <b>2016</b> , 19, 61-64	1
1384	A rat model of vascular dementia for evaluating Chinese medicine prescriptions. <b>2016</b> , 1	2
1383	In vitro antiviral effect of germacrone on feline calicivirus. <b>2016</b> , 161, 1559-67	15
1382	Human and Mouse Eosinophils Have Antiviral Activity against Parainfluenza Virus. 2016, 55, 387-94	57
1381	Montmorillonite-mediated aggregation induces deformation of influenza virus particles. <b>2016</b> , 124-125, 211-218	6
1380	Kinetics of selected plasma cytokines during innate-adaptive immune response transition in adult cattle infected with the bovine ephemeral fever virus. <b>2016</b> , 186, 111-6	2
1379	Protective Immunity Against Homologous and Heterologous Influenza Virus Lethal Challenge by Immunization with New Recombinant Chimeric HA2-M2e Fusion Protein in BALB/C Mice. <b>2016</b> , 29, 228-34	9
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1192	Abietane diterpenoids from Cephalotaxus lanceolata. <b>2017</b> , 31, 2473-2478	9
1191	Isolation and identification of compounds from Kalanchoe pinnata having human alphaherpesvirus and vaccinia virus antiviral activity. <b>2017</b> , 55, 1586-1591	9
1190	Foot-and-mouth disease virus infection inhibits LGP2 protein expression to exaggerate inflammatory response and promote viral replication. <b>2017</b> , 8, e2747	33
1189	Reversible synthesis of colanic acid and O-antigen polysaccharides in Salmonella Typhimurium enhances induction of cross-immune responses and provides protection against heterologous Salmonella challenge. <b>2017</b> , 35, 2862-2869	3
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1170	Tricyclic Polyprenylated Acylphloroglucinols from St John's Wort, Hypericum perforatum. <b>2017</b> , 80, 1493-150	04 42
1170	Tricyclic Polyprenylated Acylphloroglucinols from St John's Wort, Hypericum perforatum. <b>2017</b> , 80, 1493-150 Generation of PCV2 in PK15 cells transfected with recombinant baculovirus containing a 1.1 copy of the PCV2 genome. <b>2017</b> , 65, 278-290	3
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1053	Efficacy of accelerated hydrogen peroxide disinfectant on foot-and-mouth disease virus, swine vesicular disease virus and Senecavirus A. <b>2017</b> , 122, 634-639	12
1052	Effects of dietary Gracilaria sp. and Alaria sp. supplementation on growth performance, metabolic rates and health in meagre (Argyrosomus regius) subjected to pathogen infection. <b>2017</b> , 29, 433-447	25
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1048	Full-genome dengue virus sequencing in mosquito saliva shows lack of convergent positive selection during transmission by. <b>2017</b> , 3, vex031	19
1047	Seroprevalence of West Nile virus in horses in different Moroccan regions. <b>2017</b> , 3, 198-207	13
1046	Discovery and Characterisation of Castlerea Virus, a New Species of Isolated in Australia. <b>2017</b> , 13, 117693437	17 <u>6</u> 91269
1045	Pinanamine Is a Promising Lead Compound against Influenza A Virus: Evidence from in Vitro and in Vivo Efficacy Compared to Amantadine. <b>2017</b> , 40, 954-959	1
1044	Pancreatitis Is an Important Feature of Broilers Suffering from Inclusion Body Hepatitis Leading to Dysmetabolic Conditions with Consequences for Zootechnical Performance. <b>2018</b> , 62, 57-64	8
1043	Isolation and Characteristics of the Arkansas-Type Infectious Bronchitis Virus in China. <b>2018</b> , 62, 18-27	2
1042	The Effect of Infectious Bursal Disease Virus-Induced Immunosuppression on Vaccination Against Highly Pathogenic Avian Influenza Virus. <b>2018</b> , 62, 36-44	19
1041	A Case of Human Lassa Virus Infection With Robust Acute T-Cell Activation and Long-Term Virus-Specific T-Cell Responses. <b>2017</b> , 215, 1862-1872	31
1040	Difference of two new LCMV strains in lethality and viral genome load in tissues. <b>2017</b> , 66, 199-208	5
1039	Zika virus Pathogenesis in Infant Mice after Natural Transmission by the Bite of Infected Mosquitoes. <b>2017</b> , 60, 227-234	1
1038	Molecular cloning of porcine Siglec-3, Siglec-5 and Siglec-10, and identification of Siglec-10 as an alternative receptor for porcine reproductive and respiratory syndrome virus (PRRSV). <b>2017</b> , 98, 2030-2042	21
1037	Update of inactivated equine influenza vaccine strain in Japan. <b>2017</b> , 79, 649-653	8
1036	Distinct Effects of Monophosphoryl Lipid A, Oligodeoxynucleotide CpG, and Combination Adjuvants on Modulating Innate and Adaptive Immune Responses to Influenza Vaccination. <b>2017</b> , 17, 326-342	18

1035	Development and in vitro evaluations of new decitabine nanocarriers for the treatment of acute myeloid leukemia. <b>2017</b> , 12, 8427-8442	14
1034	Immunomodulatory and Anti-IBDV Activities of the Polysaccharide AEX from Coccomyxa gloeobotrydiformis. <b>2017</b> , 15,	8
1033	Ent-Abietanoids Isolated from Isodon serra. <b>2017</b> , 22,	6
1032	Dihydrochalcones and Diterpenoids from Pteris ensiformis and Their Bioactivities. <b>2017</b> , 22,	9
1031	Complexes of Oligoribonucleotides with D-Mannitol Inhibit Hemagglutinin-Glycan Interaction and Suppress Influenza A Virus H1N1 (A/FM/1/47) Infectivity In Vitro. <b>2017</b> , 10,	4
1030	Pathogenicity and Immunogenicity of Recombinant Rabies Viruses Expressing the Lagos Bat Virus Matrix and Glycoprotein: Perspectives for a Pan-Lyssavirus Vaccine. <b>2017</b> , 2,	5
1029	Real-Time Expression Analysis of Selected Anticarsia gemmatalis multiple nucleopolyhedrovirus Gene Promoters during Infection of Permissive, Semipermissive and Nonpermissive Cell Lines. <b>2017</b> , 9,	2
1028	The Role of the Regulator Fur in Gene Regulation and Virulence of Assessed Using an Unmarked Gene Deletion System. <b>2017</b> , 7, 382	11
1027	Intramuscular DNA Vaccination of Juvenile Carp against Spring Viremia of Carp Virus Induces Full Protection and Establishes a Virus-Specific B and T Cell Response. <b>2017</b> , 8, 1340	27
1026	Nucleated Teleost Erythrocytes Play an Nk-Lysin- and Autophagy-Dependent Role in Antiviral Immunity. <b>2017</b> , 8, 1458	28
1025	O-Serotype Conversion in Typhimurium Induces Protective Immune Responses against Invasive Non-Typhoidal Infections. <b>2017</b> , 8, 1647	12
1024	Single Dose of Consensus Hemagglutinin-Based Virus-Like Particles Vaccine Protects Chickens against Divergent H5 Subtype Influenza Viruses. <b>2017</b> , 8, 1649	12
1023	Virulence and Genomic Feature of a Virulent Sequence Type 14 Strain of Serotype K2 Harboring in China. <b>2017</b> , 8, 335	32
1022	An Influenza HA and M2e Based Vaccine Delivered by a Novel Attenuated Mutant Protects Mice against Homologous H1N1 Infection. <b>2017</b> , 8, 872	11
1021	Immune Responses of Chickens Infected with Wild Bird-Origin H5N6 Avian Influenza Virus. <b>2017</b> , 8, 1081	12
1020	Efficacy of Live-Attenuated H9N2 Influenza Vaccine Candidates Containing NS1 Truncations against H9N2 Avian Influenza Viruses. <b>2017</b> , 8, 1086	8
1019	Vertical Transmission of H9N2 Avian Influenza Virus in Goose. <b>2017</b> , 8, 1559	1
1018	Different Origins of Newcastle Disease Virus Hemagglutinin-Neuraminidase Protein Modulate the Replication Efficiency and Pathogenicity of the Virus. <b>2017</b> , 8, 1607	13

1017	Targeting Inhibition of SmpB by Peptide Aptamer Attenuates the Virulence to Protect Zebrafish against Infection. <b>2017</b> , 8, 1766	5
1016	Internal Gene Cassette from a Genotype S H9N2 Avian Influenza Virus Attenuates the Pathogenicity of H5 Viruses in Chickens and Mice. <b>2017</b> , 8, 1978	11
1015	Adaptation and Molecular Characterization of Two Malaysian Very Virulent Infectious Bursal Disease Virus Isolates Adapted in BGM-70 Cell Line. <b>2017</b> , 2017, 8359047	7
1014	Comparison of Host Gene Expression Profiles in Spleen Tissues of Genetically Susceptible and Resistant Mice during ECTV Infection. <b>2017</b> , 2017, 6456180	8
1013	Maoto, a Traditional Japanese Herbal Medicine, Inhibits Uncoating of Influenza Virus. <b>2017</b> , 2017, 1062065	17
1012	Immunogenicity and Cross Protection in Mice Afforded by Pandemic H1N1 Live Attenuated Influenza Vaccine Containing Wild-Type Nucleoprotein. <b>2017</b> , 2017, 9359276	18
1011	Proinflammatory response induced by Newcastle disease virus in tumor and normal cells. <b>2017</b> , 6, 21-30	12
1010	Vaccination with Recombinant Baculovirus Expressing Ranavirus Major Capsid Protein Induces Protective Immunity in Chinese Giant Salamander, Andrias davidianus. <b>2017</b> , 9,	3
1009	A Multiplex RT-PCR Assay for Detection and Differentiation of Avian-Origin Canine H3N2, Equine-Origin H3N8, Human-Origin H3N2, and H1N1/2009 Canine Influenza Viruses. <b>2017</b> , 12, e0170374	5
1008	Development and evaluation of an anti-rabies virus phosphoprotein-specific monoclonal antibody for detection of rabies neutralizing antibodies using RFFIT. <b>2017</b> , 11, e0006084	3
1007	African swine fever virus infection in Classical swine fever subclinically infected wild boars. <b>2017</b> , 13, 227	13
1006	Intracellular delivery of HA1 subunit antigen through attenuated Salmonella Gallinarum act as a bivalent vaccine against fowl typhoid and low pathogenic H5N3 virus. <b>2017</b> , 48, 40	1
1005	Swine Influenza Virus (H1N2) Characterization and Transmission in Ferrets, Chile. <b>2017</b> , 23, 241-251	11
1004	Microscopic Characterization of the Brazilian Giant Samba Virus. 2017, 9,	11
1003	Susceptibility and Lethality of Western Equine Encephalitis Virus in Balb/c Mice When Infected by the Aerosol Route. <b>2017</b> , 9,	7
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1001	A virus-like particle vaccine protects mice against coxsackievirus A10 lethal infection. <b>2018</b> , 152, 124-130	14
1000	Short time window for transmissibility of African swine fever virus from a contaminated environment. <b>2018</b> , 65, 1024-1032	35

999	H5N2 vaccine viruses on Russian and US live attenuated influenza virus backbones demonstrate similar infectivity, immunogenicity and protection in ferrets. <b>2018</b> , 36, 1871-1879	3
998	Anti-Proliferative and Anti-Inflammatory Lanostane Triterpenoids from the Polish Edible Mushroom Macrolepiota procera. <b>2018</b> , 66, 3146-3154	14
997	Foot-and-mouth disease virus type O specific mutations determine RNA-dependent RNA polymerase fidelity and virus attenuation. <b>2018</b> , 518, 87-94	12
996	Method for simple and rapid concentration of Zika virus particles from infected cell-culture supernatants. <b>2018</b> , 255, 82-83	O
995	Inactivation Efficacy of Nonthermal Plasma-Activated Solutions against Newcastle Disease Virus. <b>2018</b> , 84,	53
994	Evaluation of MICRO-CHEM PLUS as a Disinfectant for Biosafety Level 4 Laboratory in China. <b>2018</b> , 23, 32-38	
993	Enhanced Selectivity by Passivation: Molecular Imprints for Viruses with Exceptional Binding Properties. <b>2018</b> , 90, 5576-5585	31
992	Avian coronavirus isolated from a pigeon sample induced clinical disease, tracheal ciliostasis, and a high humoral response in day-old chicks. <b>2018</b> , 47, 286-293	5
991	Five new schinortriterpenoids from Schisandra propinqua var. propinqua. <b>2018</b> , 127, 193-200	5
990	Fiber-based fluorescent microsphere immunoassay (FMIA) as a novel multiplex serodiagnostic tool for simultaneous detection and differentiation of all clinically relevant fowl adenovirus (FAdV) serotypes. <b>2018</b> , 458, 33-43	8
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988	Antiviral effects and mechanisms of Yinhuapinggan granule against H1N1 influenza virus infection in RAW264.7 cells. <b>2018</b> , 26, 1455-1467	14
987	Effect of dexamethasone administration on the pathogenicity and lesion severity in rats experimentally inoculated with Orf virus (Malaysian isolates). <b>2018</b> , 27, 1227-1236	4
986	Identification and characterization of two novel C-type lectins from the larvae of housefly, Musca domestica L. <b>2018</b> , 98, e21467	7
985	Rabbit haemorrhagic disease: Cross-protection and comparative pathogenicity of GI.2/RHDV2/b and GI.1b/RHDV lagoviruses in a challenge trial. <b>2018</b> , 219, 87-95	16
984	Live attenuated duck hepatitis virus vaccine in breeder ducks: Protective efficacy and kinetics of maternally derived antibodies. <b>2018</b> , 219, 107-112	5
983	The Two-Component Signaling System VraSR Is Critical for Multidrug Resistance and Full Virulence in Streptococcus suis Serotype 2. <b>2018</b> , 86,	12
982	Replication and pathogenic potential of influenza A virus subtypes H3, H7, and H15 from free-range ducks in Bangladesh in mammals. <b>2018</b> , 7, 70	8

981	APOBEC3-mediated restriction of RNA virus replication. <b>2018</b> , 8, 5960	66
980	Certhrax Is an Antivirulence Factor for the Anthrax-Like Organism Bacillus cereus Strain G9241. <b>2018</b> , 86,	2
979	Infection, genetic and virulence characteristics of porcine epidemic diarrhea virus in northwest China. <b>2018</b> , 62, 34-39	7
978	Environmental contaminant mixtures modulate in vitro influenza infection. <b>2018</b> , 634, 20-28	6
977	N-halamine incorporated antimicrobial nonwoven fabrics for use against avian influenza virus. <b>2018</b> , 218, 78-83	32
976	Recombinant Fiber-2 Protein-Based Indirect ELISA for Antibody Detection of Fowl Adenovirus Serotype 4. <b>2018</b> , 62, 73-78	10
975	Genetic and Pathologic Characterization of a Novel Recombinant TC07-2-Type Avian Infectious Bronchitis Virus. <b>2018</b> , 62, 109-113	5
974	Two New Anti-Proliferative C -Norditerpenes from the Roots of Podocarpus macrophyllus. <b>2018</b> , 15, e1800043	7
973	SuPReMe: a rapid reverse genetics method to generate clonal populations of recombinant RNA viruses. <b>2018</b> , 7, 40	7
972	Bursal immunopathology responses of specific-pathogen-free chickens and red jungle fowl infected with very virulent infectious bursal disease virus. <b>2018</b> , 163, 2085-2097	8
971	Derivation of two tilapia (Oreochromis niloticus) cell lines for efficient propagation of Tilapia Lake Virus (TiLV). <b>2018</b> , 492, 206-214	24
970	Antibody profiling using a recombinant protein-based multiplex ELISA array accelerates recombinant vaccine development: Case study on red sea bream iridovirus as a reverse vaccinology model. <b>2018</b> , 36, 2643-2649	6
969	The Pathway To Establishing HIV Latency Is Critical to How Latency Is Maintained and Reversed. <b>2018</b> , 92,	21
968	Hebecarposides A-K, antiproliferative lanostane-type triterpene glycosides from the leaves of Lyonia ovalifolia var. hebecarpa. <b>2018</b> , 151, 32-41	18
967	Bta-miR-2411 attenuates bovine viral diarrhea virus replication via directly suppressing Pelota protein in Madin-Darby bovine kidney cells. <b>2018</b> , 215, 43-48	7
966	Distribution of nervous necrosis virus (NNV) in infected sevenband grouper, Hyporthodus septemfasciatus by intramuscular injection or immersion challenge. <b>2018</b> , 489, 1-8	24
965	Probing and characterizing the high specific sequences of ssDNA aptamer against SGIV-infected cells. <b>2018</b> , 246, 46-54	15
964	Anti-Influenza Triterpene Saponins from the Bark of Burkea africana. <b>2018</b> , 81, 515-523	23

963	Synergy evaluation of anti-Herpes Simplex Virus type 1 and 2 compounds acting on different steps of virus life cycle. <b>2018</b> , 151, 71-77	6
962	Porcine reproductive and respiratory syndrome virus neutralizing antibodies provide in vivo cross-protection to PRRSV1 and PRRSV2 viral challenge. <b>2018</b> , 248, 13-23	21
961	Antiviral activity of K22 against members of the order Nidovirales. 2018, 246, 28-34	14
960	Genes related to cell-mediated cytotoxicity and interferon response are induced in the retina of European sea bass upon intravitreal infection with nodavirus. <b>2018</b> , 74, 627-636	11
959	Construction of a Vibrio alginolyticus hopPmaJ (hop) mutant and evaluation of its potential as a live attenuated vaccine in orange-spotted grouper (Epinephelus coioides). <b>2018</b> , 76, 93-100	26
958	Pathogenicity and teratogenicity of Schmallenberg virus and Akabane virus in experimentally infected chicken embryos. <b>2018</b> , 216, 31-37	1
957	Principles of vaccine potency assays. <b>2018</b> , 10, 163-180	10
956	Genetic and subunit vaccines based on the stem domain of the equine influenza hemagglutinin provide homosubtypic protection against heterologous strains. <b>2018</b> , 36, 1592-1598	2
955	Characterization of avian influenza H9N2 viruses isolated from ostriches (Struthio camelus). <b>2018</b> , 8, 2273	11
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953	Human Rhinovirus 3C protease cleaves RIPK1, concurrent with caspase 8 activation. <b>2018</b> , 8, 1569	19
952	Polyoxygenated Cyclohexenoids with Promising ⊞lycosidase Inhibitory Activity Produced by Phomopsis sp. YE3250, an Endophytic Fungus Derived from Paeonia delavayi. <b>2018</b> , 66, 1140-1146	14
951	Prenylated 2-Phenoxychromones and Flavonoids from Epimedium brevicornum and Revised Structures of Epimedonins A and B. <b>2018</b> , 81, 16-21	9
950	Modified Abietane Diterpenoids from Whole Plants of Selaginella moellendorffii. <b>2018</b> , 81, 418-422	9
949	Construction and evaluation of type III secretion system mutants of the catfish pathogen Edwardsiella piscicida. <b>2018</b> , 41, 805-816	18
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947	Peramivir conjugates as orally available agents against influenza H275Y mutant. <b>2018</b> , 145, 224-234	11
946	Recombinant M2e-HA2 fusion protein induced immunity responses against intranasally administered H9N2 influenza virus. <b>2018</b> , 115, 183-188	4

945	The association of ribosomal protein L18 (RPL18) with infectious bursal disease virus viral protein VP3 enhances viral replication. <b>2018</b> , 245, 69-79	10
944	Protective efficacy of a bivalent live attenuated vaccine against duck hepatitis A virus types 1 and 3 in ducklings. <b>2018</b> , 214, 108-112	11
943	Three new pyrrole alkaloids from the roots of Lepidium meyenii. 2018, 23, 137-140	16
942	High titer oncolytic measles virus production process by integration of dielectric spectroscopy as online monitoring system. <b>2018</b> , 115, 1186-1194	17
941	The mutagenesis of a type IV secretion system locus of Piscirickettsia salmonis leads to the attenuation of the pathogen in Atlantic salmon, Salmo salar. <b>2018</b> , 41, 625-634	8
940	Identification of an interferon-stimulated gene, isg15, involved in host immune defense against viral infections in gilthead seabream (Sparus aurata L.). <b>2018</b> , 73, 220-227	10
939	Nonstructural proteins nsp2TF and nsp2N of porcine reproductive and respiratory syndrome virus (PRRSV) play important roles in suppressing host innate immune responses. <b>2018</b> , 517, 164-176	18
938	The E3 Ubiquitin Ligase Siah-1 Suppresses Avian Reovirus Infection by Targeting p10 for Degradation. <b>2018</b> , 92,	5
937	Enterovirus D68 virus-like particles expressed in Pichia pastoris potently induce neutralizing antibody responses and confer protection against lethal viral infection in mice. <b>2018</b> , 7, 3	12
936	Susceptibility of Zebrafish to Vesicular Stomatitis Virus Infection. <b>2018</b> , 15, 124-132	11
935	Genetic and biological characterization of three poultry-origin H5N6 avian influenza viruses with all internal genes from genotype S H9N2 viruses. <b>2018</b> , 163, 947-960	9
934	A virus-like particle vaccine candidate for influenza A virus based on multiple conserved antigens presented on hepatitis B tandem core particles. <b>2018</b> , 36, 873-880	22
933	Comparison of Four Serological Methods and Two Reverse Transcription-PCR Assays for Diagnosis and Surveillance of Zika Virus Infection. <b>2018</b> , 56,	50
932	Inactivated and live bivalent fowl adenovirus (FAdV8b + FAdV11) breeder vaccines provide broad-spectrum protection in chicks against inclusion body hepatitis (IBH). <b>2018</b> , 36, 744-750	6
931	A virus-like particle vaccine confers protection against enterovirus D68 lethal challenge in mice. <b>2018</b> , 36, 653-659	22
930	Efficacy of different DNA and MVA prime-boost vaccination regimens against a Rift Valley fever virus (RVFV) challenge in sheep 12 weeks following vaccination. <b>2018</b> , 49, 21	16
929	Vector competence of certain Culex and Aedes mosquitoes for the Chittoor virus, the Indian variant of the Batai virus. <b>2018</b> , 64, 581-588	2
928	Molecular characteristics and virulence analysis of eight Aeromonas hydrophila isolates obtained from diseased Amur sturgeon Acipenser schrenckii Brandt, 1869. <b>2018</b> , 80, 421-426	6

927	Probing chemical space of tick-borne encephalitis virus reproduction inhibitors with organoselenium compounds. <b>2018</b> , 351, e1700353	16
926	Structural characterization and antiviral activity of lentinan from Lentinus edodes mycelia against infectious hematopoietic necrosis virus. <b>2018</b> , 115, 1202-1210	54
925	Genomic and biological characterization of Newcastle disease viruses isolated from migratory mallards (Anas platyrhynchos). <b>2018</b> , 163, 2179-2188	6
924	The dynamics of a Chinese porcine G9P[23] rotavirus production in MA-104 cells and intestines of 3-day-old piglets. <b>2018</b> , 80, 790-797	1
923	The S Gene Is Necessary but Not Sufficient for the Virulence of Porcine Epidemic Diarrhea Virus Novel Variant Strain BJ2011C. <b>2018</b> , 92,	23
922	Abstracts from the 25th European Society for Animal Cell Technology Meeting: Cell Technologies for Innovative Therapies. <b>2018</b> , 12,	1
921	Nonstructural Protein 5A Impairs DNA Damage Repair: Implications for Hepatitis C Virus-Mediated Hepatocarcinogenesis. <b>2018</b> , 92,	15
920	Cortical Neurons Derived from Equine Induced Pluripotent Stem Cells Are Susceptible to Neurotropic Flavivirus Infection and Replication: An In Vitro Model for Equine Neuropathic Diseases. <b>2018</b> , 27, 704-715	4
919	Effects of ₤1,3-glucan on innate immunity responses and mortality induced by Vibrio harveyi, hemorrhagic septicemia virus, or Miamiensis avidus in the olive flounder Paralichthys olivaceus. <b>2018</b> , 26, 743-756	7
918	Evaluation of a specialized filter-paper matrix for transportation of extended bovine semen to screen for bovine herpesvirus-1 by real-time PCR. <b>2018</b> , 257, 1-6	6
917	Divergent Pathogenic Properties of Circulating Coxsackievirus A6 Associated with Emerging Hand, Foot, and Mouth Disease. <b>2018</b> , 92,	17
916	Newcastle disease virus-attenuated vaccine co-contaminated with fowl adenovirus and chicken infectious anemia virus results in inclusion body hepatitis-hydropericardium syndrome in poultry. <b>2018</b> , 218, 52-59	19
915	A Highly Pathogenic Strain of Porcine Deltacoronavirus Caused Watery Diarrhea in Newborn Piglets. <b>2018</b> , 33, 131-141	39
914	Discovery of Bioactive Natural Products for the Treatment of Acute Respiratory Infections - An Integrated Approach. <b>2018</b> , 84, 684-695	11
913	Porcine Reproductive and Respiratory Syndrome Virus: Propagation and Quantification. <b>2018</b> , 48, 15M.1.1-15	iM₂1.14
912	PI3K-Akt-mTOR axis sustains rotavirus infection via the 4E-BP1 mediated autophagy pathway and represents an antiviral target. <b>2018</b> , 9, 83-98	41
911	Inhibition of herpes simplex virus 1 (HSV-1) and poliovirus (PV-1) by bacteriocins from lactococcus lactis subsp. lactis and enterococcus durans strains isolated from goat milk. <b>2018</b> , 51, 33-37	16
910	Maximum Likelihood Estimation of Titer via a Power Family of Four-Parameter Logistic Model. <b>2018</b> , 28, 492-500	

909	Efficacy of leptospiral commercial vaccines on the protection against an autochtonous strain recovered in Brazil. <b>2018</b> , 49, 347-350	11
908	Propagation and titration of infectious bursal disease virus, including non-cell-culture-adapted strains, using ex vivo-stimulated chicken bursal cells. <b>2018</b> , 47, 179-188	11
907	Morphological and Biochemical Characteristics of Avian Faecal Droppings and Their Impact on Survival of Avian Influenza Virus. <b>2018</b> , 10, 99-106	5
906	Establishment of a cell line from the kidney of black carp and its susceptibility to spring viremia of carp virus. <b>2018</b> , 41, 365-374	11
905	Monolithic anion-exchange chromatography yields rhinovirus of high purity. <b>2018</b> , 251, 15-21	6
904	Development and validation of a reverse transcription quantitative polymerase chain reaction for tilapia lake virus detection in clinical samples and experimentally challenged fish. <b>2018</b> , 41, 255-261	42
903	An easy way to detect dengue virus using nanoparticle-antibody conjugates. <b>2018</b> , 513, 85-90	23
902	Development of sensitive indirect enzyme-linked immunosorbent assays for specific detection of antibodies against fowl adenovirus serotypes 1 and 4 in chickens. <b>2018</b> , 47, 73-82	13
901	Comparing the performance of 3 bioaerosol samplers for influenza virus. <b>2018</b> , 115, 133-145	26
900	Fowl aviadenovirus serotype 1 confirmed as the aetiological agent of gizzard erosions in replacement pullets and layer flocks in Great Britain by laboratory and in vivo studies. <b>2018</b> , 47, 63-72	4
899	Comparative Susceptibility of Channel Catfish, Ictalurus punctatus ; Blue Catfish, Ictalurus furcatus ; and Channel (?) Iblue (?) Hybrid Catfish to Edwardsiella piscicida , Edwardsiella tarda , and Edwardsiella anguillarum. <b>2018</b> , 49, 197-204	16
898	Evaluation of air samplers and filter materials for collection and recovery of airborne norovirus. <b>2018</b> , 124, 990-1000	14
897	Antibodies Directed toward Neuraminidase N1 Control Disease in a Mouse Model of Influenza. <b>2018</b> , 92,	16
896	Structural and functional conservation of cis-acting RNA elements in coronavirus 5'-terminal genome regions. <b>2018</b> , 517, 44-55	27
895	Pathogenicity differences between QX-like and Mass-type infectious bronchitis viruses. <b>2018</b> , 213, 129-135	26
894	Miscellaneous lanostane triterpenoids with cytotoxicities from fruiting bodies of the basidiomycete Stereum sp. <b>2018</b> , 125, 227-234	3
893	O-GalNAcylation of RANTES Improves Its Properties as a Human Immunodeficiency Virus Type 1 Entry Inhibitor. <b>2018</b> , 57, 136-148	5
892	Survivability of low pathogenic (H9N2) avian influenza virus in water in the presence of Atyopsis moluccensis (Bamboo shrimp). <b>2018</b> , 65, e124-e129	8

891	Entry of Human Coronavirus NL63 into the Cell. <b>2018</b> , 92,	116
890	Serological evidence for the co-circulation of two lineages of influenza D viruses in equine populations of the Midwest United States. <b>2018</b> , 65, e148-e154	39
889	Truncating the gp41 Cytoplasmic Tail of Simian Immunodeficiency Virus Decreases Sensitivity to Neutralizing Antibodies without Increasing the Envelope Content of Virions. <b>2018</b> , 92,	6
888	Corrigendum to "Efficacy of E2 glycoprotein fused to porcine CD154 as a novel chimeric subunit vaccine to prevent classical swine fever virus vertical transmission in pregnant sows". <b>2018</b> , 213, 143-149	3
887	Rab1A is required for assembly of classical swine fever virus particle. <b>2018</b> , 514, 18-29	16
886	Incidence and Sero-survey of Canine Adenovirus Type 2 in Various Animal Species. <b>2018</b> , 48, 102	5
885	Comparative features of infections of two Massachusetts (Mass) infectious bronchitis virus (IBV) variants isolated from Western Canadian layer flocks. <b>2018</b> , 14, 391	12
884	Dry Formulations Enhanced Mucoadhesive Properties and Reduced Cold Chain Handing of Influenza Vaccines. <b>2018</b> , 19, 3763-3769	2
883	Vector competence of biting midges and mosquitoes for Shuni virus. <b>2018</b> , 12, e0006993	7
882	Alston Virus, a Novel Paramyxovirus Isolated from Bats Causes Upper Respiratory Tract Infection in Experimentally Challenged Ferrets. <b>2018</b> , 10,	7
881	Quantitative Flow Cytometry to Measure Viral Production Using Infectious Pancreatic Necrosis Virus as a Model: A Preliminary Study. <b>2018</b> , 8, 1734	1
880	SYNTHESIS AND BIOLOGICAL EVALUATION OF NOVEL (2-OXO-3-(ARYLIMINO) INDOLIN-1-YL)-N-ARYL PROPANAMIDES AS ANTI-HUMAN IMMUNODEFICIENCY AGENTS. <b>2018</b> , 11, 318	
879	(+)-pinoresinol-O-ED-glucopyranoside from Eucommia ulmoides Oliver and its anti-inflammatory and antiviral effects against influenza (H1N1) virus infection. <b>2019</b> , 19, 563-572	7
878	Experimental infection of racing pigeons (Columba livia domestica) with highly pathogenic Clade 2.3.4.4 sub-group B H5N8 avian influenza virus. <b>2018</b> , 227, 127-132	8
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876	Recombinant infectious laryngotracheitis virus expressing Newcastle disease virus F protein protects chickens against infectious laryngotracheitis virus and Newcastle disease virus challenge. <b>2018</b> , 36, 7975-7986	9
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874	Interaction between avian influenza subtype H9N2 and Newcastle disease virus vaccine strain (LaSota) in chickens. <b>2018</b> , 14, 358	6

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872	Ubiquitin-Proteasome System Is Required for Efficient Replication of Singapore Grouper Iridovirus. <b>2018</b> , 9, 2798	5
871	APS8 Delays Tumor Growth in Mice by Inducing Apoptosis of Lung Adenocarcinoma Cells Expressing High Number of ☑ Nicotinic Receptors. <b>2018</b> , 16,	2
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853	Evaluation of nonwoven fabrics for nasal wipe sampling for influenza A virus in swine. <b>2018</b> , 30, 920-923	1
852	Role of PDGF receptor-⊞during human cytomegalovirus entry into fibroblasts. <b>2018</b> , 115, E9889-E9898	47
851	Chickens Expressing IFIT5 Ameliorate Clinical Outcome and Pathology of Highly Pathogenic Avian Influenza and Velogenic Newcastle Disease Viruses. <b>2018</b> , 9, 2025	17
850	Potencial antiviral e virucida da melitina e apamina contra herpesvflus bovino tipo 1 e vflus da diarreia viral bovina. <b>2018</b> , 38, 595-604	1
849	DC-SIGN Binding Contributed by an Extra N-Linked Glycosylation on Japanese Encephalitis Virus Envelope Protein Reduces the Ability of Viral Brain Invasion. <b>2018</b> , 8, 239	9
848	First detection of dengue virus in the saliva of immunocompetent murine model. <b>2018</b> , 113, e170208	3
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846	Photodynamic inactivation of non-enveloped RNA viruses. <b>2018</b> , 189, 87-94	13
845	The recently identified flavivirus Bamaga virus is transmitted horizontally by Culex mosquitoes and interferes with West Nile virus replication in vitro and transmission in vivo. <b>2018</b> , 12, e0006886	13
844	RIG-I is responsible for activation of type I interferon pathway in Seneca Valley virus-infected porcine cells to suppress viral replication. <b>2018</b> , 15, 162	12
843	System immunology-based identification of blood transcriptional modules correlating to antibody responses in sheep. <b>2018</b> , 3, 41	11
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841	Establishment and characterization of a cell line from tilapia brain for detection of tilapia lake virus. <b>2018</b> , 41, 1803-1809	19
840	p53 mediated IFN-弘ignaling to affect viral replication upon TGEV infection. <b>2018</b> , 227, 61-68	4
839	Isolation and Characterization of the Novel Botulinum Neurotoxin A Subtype 6. <b>2018</b> , 3,	17
838	Protective antibody response of Balb/c mice to Bali rabies virus isolate propagated in BHK-21 cells. <b>2018</b> , 80, 1596-1603	1

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819	A Collaborative Study to Establish the Second Korean National Reference Standard for Snake Venom. <b>2018</b> , 34, 191-197	3
818	Analysis of pathogenicity and immune efficacy of fowl adenovirus serotype 4 isolates. <b>2018</b> , 97, 2647-2653	8
817	Porcine epidemic diarrhea virus through p53-dependent pathway causes cell cycle arrest in the G0/G1 phase. <b>2018</b> , 253, 1-11	23
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812	Pathogenic characterization of porcine reproductive and respiratory syndrome virus of Indian origin in experimentally infected piglets. <b>2018</b> , 65, 1522-1536	3
811	Vaccination with UV-inactivated nodavirus partly protects European sea bass against infection, while inducing few changes in immunity. <b>2018</b> , 86, 171-179	11
810	The full-length microRNA cluster in the intron of large latency transcript is associated with the virulence of pseudorabies virus. <b>2018</b> , 520, 59-66	10
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804	In vitro comparison of acyclovir, ganciclovir and cidofovir against equid alphaherpesvirus 3 and evaluation of their efficacy against six field isolates. <b>2018</b> , 50, 380-390	3
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800	The emerging novel avian leukosis virus with mutations in the pol gene shows competitive replication advantages both in vivo and in vitro. <b>2018</b> , 7, 117	14
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796	Comprehensive identification of Vibrio vulnificus genes required for growth in human serum. <b>2018</b> , 9, 981-993	10
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793	Establishment and Characterization of a High and Stable Porcine CD163-Expressing MARC-145 Cell Line. <b>2018</b> , 2018, 4315861	2
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787	Cytotoxic and antiviral activities of the essential oils from Tunisian Fern, Osmunda regalis. <b>2018</b> , 118, 52-57	11
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769	Influenza Virus Infection Model With Density Dependence Supports Biphasic Viral Decay. <b>2018</b> , 9, 1554	30
768	Poly p-hydroxybenzyl substituted bibenzyls and phenanthrenes from Bletilla ochracea Schltr with anti-inflammatory and cytotoxic activity. <b>2018</b> , 129, 241-248	14
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764	miR-21-3p Regulates Influenza A Virus Replication by Targeting Histone Deacetylase-8. <b>2018</b> , 8, 175	28
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761	Temperature-Dependent Gene Expression in : Tracking Specific Genes by Bioluminescence During Colonization. <b>2018</b> , 9, 1098	8
760	Identification of Conserved Amino Acid Substitutions During Serial Infection of Pregnant Cattle and Sheep With Bovine Viral Diarrhea Virus. <b>2018</b> , 9, 1109	9
759	Preliminary investigations on the role of Drp-1 dependent mitochondrial fission in attenuating RLR downstream signaling during nervous necrosis virus infection. <b>2018</b> , 80, 618-623	3
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745	High neutralizing antibody levels against SARS-CoV-2 Omicron after UB-612 booster vaccination.	1
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742	cGAS Restricts PRRSV Replication by Sensing the mtDNA to Increase the cGAMP Activity <b>2022</b> , 13, 887054	О
741	Evaluation of Antiviral Effect against SARS-CoV-2 Propagation by Crude Polysaccharides from Seaweed and Abalone Viscera In Vitro. <b>2022</b> , 20, 296	О
740	Two DNA vaccines protect against severe disease and pathology due to SARS-CoV-2 in Syrian hamsters <b>2022</b> , 7, 49	O
739	Molecular characterization and expression analysis of two RING-between-RING (RBR) ubiquitin ligase orthologues from the Asian seabass (Lates calcarifer). 1	О
738	Increased Complement-Associated Inflammation in Cytomegalovirus-Positive Hypertensive Anterior Uveitis Patients Based on the Aqueous Humor Proteomics Analysis <b>2022</b> , 11,	O
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735	Blood B Cell Depletion Reflects Immunosuppression Induced by Live-Attenuated Infectious Bursal Disease Vaccines <b>2022</b> , 9, 871549	O
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733	Pathobiology of an NS1-Truncated H3N2 Swine Influenza Virus Strain in Pigs <b>2022</b> , e0051922	О
732	Multiomic Profiling Identified EGF Receptor Signaling as a Potential Inhibitor of Type I Interferon Response in Models of Oncolytic Therapy by Vesicular Stomatitis Virus <b>2022</b> , 23,	1
731	Neddylation of Enterovirus 71 VP2 Protein Reduces Its Stability and Restricts Viral Replication <b>2022</b> , e0059822	O
730	Virucidal Properties of Photocatalytic Coating on Glass against a Model Human Coronavirus <b>2022</b> , e0026922	2

729	Adenovirus type 5 SARS-CoV-2 vaccines delivered orally or intranasally reduced disease severity and transmission in a hamster model <b>2022</b> , eabn6868	6
728	Temporal Dynamics of the Ruminant Type I IFN-Induced Antiviral State against Homologous Parainfluenza Virus 3 Challenge In Vitro. <b>2022</b> , 14, 1025	
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726	Quantification methods for viruses and virus-like particles applied in biopharmaceutical production processes <b>2022</b> ,	1
725	Macromolecular Viral Entry Inhibitors as Broad-Spectrum First-Line Antivirals with Activity against SARS-CoV-2 <b>2022</b> , e2201378	O
724	The Effect of Influenza Virus on The Metabolism of Peripheral Blood Mononuclear Cells with Metabolomics Approach <b>2022</b> ,	0
723	Profile of Innate Immunity in Gilthead Seabream Larvae Reflects Mortality upon Betanodavirus Reassortant Infection and Replication <b>2022</b> , 23,	1
722	Pathogenicity of Aeromonas veronii causing mass mortalities of Odontobutis potamophila and its induced host immune response <b>2022</b> , 125, 180-189	1
721	SARS-CoV-2 Variants of Concern Hijack IFITM2 for Efficient Replication in Human Lung Cells <b>2022</b> , e0059422	4
720	Surveillance of Class I Newcastle Disease Virus at Live Bird Markets in China and Identification of Variants with Increased Virulence and Replication Capacity <b>2022</b> , e0024122	O
719	Molecular Characterization and Pathogenesis of H6N6 Low Pathogenic Avian Influenza Viruses Isolated from Mallard Ducks (Anas platyrhynchos) in South Korea. <b>2022</b> , 14, 1001	O
718	Mutations within scavenger receptor cysteine-rich (SRCR) protein domain 5 of porcine CD163 involved in infection with porcine reproductive and respiratory syndrome virus (PRRS) <b>2022</b> , 103,	O
717	Recombinant Lactococcus lactis Expressing Grass Carp Reovirus VP6 Induces Mucosal Immunity Against Grass Carp Reovirus Infection. <b>2022</b> , 13,	
716	Establishment and clinical validation of an in-cell-ELISA-based assay for the rapid quantification of Rabies virus neutralizing antibodies <b>2022</b> , 16, e0010425	
715	Aichivirus C isolate is a diarrhea-causing pathogen in goats <b>2022</b> ,	
714	High-Resolution Magic-Angle Spinning NMR Spectroscopy for Evaluation of Cell Shielding by Virucidal Composites Based on Biogenic Silver Nanoparticles, Flexible Cellulose Nanofibers and Graphene Oxide. <b>2022</b> , 10,	
713	Nonthermal plasma-generated ozone inhibits human coronavirus 229E infectivity on glass surface.	О
712	Discovery and Use of Long dsRNA Mediated RNA Interference to Stimulate Antiviral Protection in Interferon Competent Mammalian Cells. <b>2022</b> , 13,	Ο

711	Disrupting autorepression circuitry generates "open-loop lethality" to yield escape-resistant antiviral agents <b>2022</b> ,	1
710	The GntR-like transcriptional regulator HutC involved in motility, biofilm-forming ability, and virulence in Vibrio parahaemolyticus <b>2022</b> , 167, 105546	Ο
709	Apical-out airway organoids as a platform for studying viral infections and screening for antiviral drugs <b>2022</b> , 12, 7673	3
708	Molnupiravir combined with different repurposed drugs further inhibits SARS-CoV-2 infection in human nasal epithelium in vitro. <b>2022</b> , 150, 113058	O
707	In vitro and in vivo inhibition of a novel arctigenin derivative on aquatic rhabdovirus 2022, 316, 198798	0
706	Quantification of Infectious SARS-CoV-2 by the 50% Tissue Culture Infectious Dose Endpoint Dilution Assay <b>2022</b> , 2452, 131-146	2
705	Infectivity and Morphology of Bovine Coronavirus Inactivated In Vitro by Cationic Photosensitizers. <b>2022</b> , 14, 1053	O
704	Quadrivalent mosaic HexaPro-bearing nanoparticle vaccine protects against infection of SARS-CoV-2 variants <b>2022</b> , 13, 2674	4
703	Chimeric Virus-like Particle-Based COVID-19 Vaccine Confers Strong Protection against SARS-CoV-2 Viremia in K18-hACE2 Mice. <b>2022</b> , 10, 786	1
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701	Host Responses Following Infection with Canadian-Origin Wildtype and Vaccine Revertant Infectious Laryngotracheitis Virus. <b>2022</b> , 10, 782	
700	Rapid metagenomic identification of two major swine pathogens with real-time nanopore sequencing. <b>2022</b> , 114545	O
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698	A Mouse-Adapted Model of HCoV-OC43 and Its Usage to the Evaluation of Antiviral Drugs. <b>2022</b> , 13,	
697	Comparative Pathogenesis of Turkey Reoviruses <b>2022</b> , 1-26	О
696	Synergistic Inactivation of African Swine Fever Virus by a Highly Complexed Iodine Combined with Compound Organic Acids <b>2022</b> , e0045222	Ο
695	Mutations in Porcine Epidemic Diarrhea Virus nsp1 Cause Increased Viral Sensitivity to Host Interferon Responses and Attenuation <b>2022</b> , e0046922	O
694	Two Bordetella bronchiseptica attenuated vaccine candidates confer protection against lethal challenge with B. Bronchiseptica and Pasteurella multocida toxin in mouse models. <b>2022</b> ,	

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690	Anti-Influenza Effect and Mechanisms of Lentinan in an ICR Mouse Model. 2022, 12,	O
689	Imprinted antibody responses against SARS-CoV-2 Omicron sublineages.	5
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Immunostimulant properties of full-length and truncated Marinobacter algicola flagellins, and their effects against viral hemorrhagic septicemia virus (VHSV) in trout. 2022.  493 A platform technology for generating subunit vaccines against diverse viral pathogens. 13, o  Chemical Composition and Antifungal, Anti-Inflammatory, Antiviral, and Larvicidal Activities of the Essential Oils of Zanthoxylum acanthopodium DC. from China and Myanmar. 2022, 27, 5243  494 Essential Oils of Zanthoxylum acanthopodium DC. from China and Myanmar. 2022, 27, 5243  495 Replicating RNA platform enables rapid response to the SARS-CoV-2 Omicron variant and elicits enhanced protection in natic hamsters compared to ancestral vaccine. 2022, 83, 104196  496 Separation and purification of highly infectious enterovirus A71 particles using a strong anion-exchange column. 2022, 1680, 463427  487 Agrantion and purification of highly infectious enterovirus A71 particles using a strong anion-exchange column. 2022, 1680, 463427  488 Luteolin restricts A5FV replication by regulating the NF-B/STAT3/ATF6 signaling pathway. 2022, 12, 109527  487 Macathiohydantoins P8R, three new thiohydantoin derivatives from Maca (Lepidium meyenii). 2022 12, 151, 67-70  486 antibodies. 2022, 273, 109541  487 Antiviral radical SAM enzyme viperin homologue from Asian seabass (Lates calcarifer): Molecular characterisation and expression analysis. 2022, 136, 104499  488 Monoterpenoid indole alkaloids isolated from the stems and twigs of Strychnos cathayensis. 2022, 203, 113353  489 Impact of persistent bovine viral diarrhea virus infection on indicators of innate and adaptive immune response to SARS-CoV-2 Omicron variant in patients and vaccinees following homologous and heterologous vaccinations. 2022, 5, 5, 105074  480 Interspecies transmission from pigs to ferrets of antigenically distinct swine H1 influenza A viruses with loss in reactivity to human vaccine virus antisera as measures of relative zoonotic risk.  470 Viral infection impacts the 3D subcellular struct	495	Pandemic 1918 Influenza Virus Does Not Cause Lethal Infection in Rhesus or Cynomolgus Macaques. <b>2022</b> , 96,	
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477	Codon-optimization of the respiratory syncytial virus (RSV) G protein expressed in a vesicular stomatitis virus (VSV) vector improves immune responses in a cotton rat model. <b>2022</b> , 575, 101-110	O
476	Eeyarestatin I, an inhibitor of the valosin-containing protein, exhibits potent virucidal activity against the flaviviruses. <b>2022</b> , 207, 105416	O
475	More tools for our toolkit: The application of HEL-299 cells and dsRNA-nanoparticles to study human coronaviruses in vitro. <b>2022</b> , 321, 198925	0
474	Protective and vaccine dose-sparing efficacy of Poly I:C-functionalized calcium phosphate nanoparticle adjuvants in inactivated influenza vaccination. <b>2022</b> , 112, 109240	O
473	EGlucosidase inhibitory phenylpropanoid-dihydrochalcone hybrids from the leaves of medicinal plant Malus hupehensis (Pamp.) Rehder. <b>2022</b> , 204, 113421	0
472	Discovery of novel potential CRBN modulators through structure-based virtual screening and bioassay. <b>2022</b> , 117, 108325	O
471	Characterization of plgR and its association with resistance to iridovirus in Asian seabass. <b>2023</b> , 562, 738783	0
470	Ubiquitin-Specific Protease 18 in Mallard (Anas Platyrhynchos) Interferes with Type I InterferonâMediated Inhibition of High Pathogenicity Avian Influenza Virus Replication.	O
469	Increased virus dissemination leads to enhanced lung injury but not inflammation during influenza-associated secondary bacterial infection. <b>2022</b> , 3,	0
468	Effect of Experimental Foot and Mouth Disease Virus Infection on the Activation and Polarization of Bovine Monocyte-Derived Macrophages .	O
467	Tempol Inhibits SARS-CoV-2 Replication and Development of Lung Disease in the Syrian Hamster Model.	0
466	Feed-Based Biofilm Vaccine for the Evaluation of Immune Response and Disease Resistance of Striped Catfish, Pangasianodon Hypophthalmus (Sauvage 1878) Against Aeromonas Hydrophila Infection.	Ο
465	Genotyping and pathogenicity of fowl adenovirus isolated from broiler chickens in Egypt. 2022, 18,	О
464	Antibody Avidity and Neutralizing Response against SARS-CoV-2 Omicron Variant after Infection or Vaccination. <b>2022</b> , 2022, 1-9	О
463	Evaluation of Salmonella Typhimurium Lacking fruR, ssrAB, or hfq as a Prophylactic Vaccine against Salmonella Lethal Infection. <b>2022</b> , 10, 1413	0
462	Carbohydrate-binding protein from stinging nettle as fusion inhibitor for SARS-CoV-2 variants of concern. 12,	O
461	Toosendanin suppresses African swine fever virus replication through upregulating interferon regulatory factor 1 in porcine alveolar macrophage cultures. 13,	0
460	Aerosolized Hydrogen Peroxide Decontamination of N95 Respirators, with Fit-Testing and Viral Inactivation, Demonstrates Feasibility for Reuse during the COVID-19 Pandemic.	O

459	Immunogenicity and Protective Efficacy of a Recombinant Pichinde Viral-Vectored Vaccine Expressing Influenza Virus Hemagglutinin Antigen in Pigs. <b>2022</b> , 10, 1400	0
458	Impact of progesterone on innate immunity and cell death after influenza A virus H1N1 2009 infection of lung and placental cells in vitro. 2,	O
457	Cationic Perylene Antivirals with Aqueous Solubility for Studies In Vivo. 2022, 15, 1178	0
456	Antibody Response against Circulating Omicron Variants 8 Months after the Third Dose of mRNA Vaccine. <b>2022</b> , 10, 1512	2
455	Blood parameters and pathological lesions in pigs experimentally infected with Vietnam's first isolated African swine fever virus. 9,	O
454	The FlagT4G Vaccine Confers a Strong and Regulated Immunity and Early Virological Protection against Classical Swine Fever. <b>2022</b> , 14, 1954	O
453	A Recombinant VSV-Based Bivalent Vaccine Effectively Protects against Both SARS-CoV-2 and Influenza A Virus Infection. <b>2022</b> , 96,	2
452	Hunting Drosophila viruses from wild populations: a novel isolation approach and characterization of viruses.	O
451	Identification of amino acid domains of Borrelia burgdorferi P66 that are surface exposed and important for localization, oligomerization, and porin function of the protein. 12,	O
450	Thermal inactivation of African swine fever virus in feed ingredients. <b>2022</b> , 12,	O
449	Advanced Molecular Tweezers with Lipid Anchors against SARS-CoV-2 and Other Respiratory Viruses. <b>2022</b> , 2, 2187-2202	O
448	Enterovirus D68 Infection in Human Primary Airway and Brain Organoids: No Additional Role for Heparan Sulfate Binding for Neurotropism.	O
447	Expression and Evaluation of a Novel PPRV Nanoparticle Antigen Based on Ferritin Self-Assembling Technology. <b>2022</b> , 14, 1902	1
446	Generation and Characterization of Drug-Resistant Influenza B Viruses Selected In Vitro with Baloxavir Acid. <b>2022</b> , 11, 1048	O
445	Assessing the fitness of a dual-antiviral drug resistant human influenza virus in the ferret model. <b>2022</b> , 5,	O
444	PF-D-Trimer, a broadly protective SARS-CoV-2 subunit vaccine: immunogenicity and application.	O
443	The 24.5-kb Left Variable Region Is Not a Determinant for African Swine Fever Virus to Replicate in Primary Porcine Alveolar Macrophages. <b>2022</b> , 14, 2119	О
442	Genomic Diversity, Competition, and Toxin Production by Group I and II Clostridium botulinum Strains Used in Food Challenge Studies. <b>2022</b> , 10, 1895	1

441	Combined Molnupiravir and Nirmatrelvir Treatment Improves the Inhibitory Effect on SARS-CoV-2 in Rhesus Macaques.	1
440	In Vitro Stimulation with Live SARS-CoV-2 Suggests Th17 Dominance In Virus-Specific CD4+ T Cell Response after COVID-19. <b>2022</b> , 10, 1544	O
439	Comprehensive evaluation of the safety and immunogenicity of a gene-deleted variant pseudorabies virus attenuated vaccine. <b>2022</b> , 53,	O
438	Expression Profiles of Immune-Related Genes and Apoptosis Study of Avian Intraepithelial-Natural Killer Cells in Chickens Inoculated with Vaccine Strain of Newcastle Disease Virus (NDV) and Challenged with Virulent NDV. <b>2022</b> , 66,	O
437	Rapid protection of nonhuman primates against Marburg virus disease using a single low-dose VSV-based vaccine.	О
436	Susceptibility of Domestic Goat (Capra aegagrus hircus) to Experimental Infection with Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) B.1.351/Beta Variant. <b>2022</b> , 14, 2002	O
435	Integrated analysis of immune parameters, miRNA-mRNA interaction, and immune genes expression in the liver of rainbow trout following infectious hematopoietic necrosis virus infection. 13,	О
434	Native and activated antithrombin inhibits TMPRSS2 activity and SARS-CoV-2 infection.	1
433	Berberine ameliorates pulmonary inflammation in mice with influenza viral pneumonia by inhibiting NLRP3 inflammasome activation and gasdermin D-mediated pyroptosis.	О
432	Investigation of the âAntigen Hook Effectâlīn Lateral Flow Sandwich Immunoassay: The Case of Lumpy Skin Disease Virus Detection. <b>2022</b> , 12, 739	2
431	Polypropylene Modified with Ag-Based Semiconductors as a Potential Material against SARS-CoV-2 and Other Pathogens.	О
430	SARS-CoV-2-specific immunoglobulin Y antibodies are protective in infected mice. <b>2022</b> , 18, e1010782	1
429	Commercial influenza vaccines vary in both the structural arrangements of HA complexes and in induction of antibodies to cross-reactive HA epitopes.	О
428	Propagation of avian influenza virus in embryonated ostrich eggs. <b>2022</b> , 89,	O
427	Analysis of Recombinant Characteristics Based on 949 PRRSV-2 Genomic Sequences Obtained from 1991 to 2021 Shows That Viral Multiplication Ability Contributes to Dominant Recombination.	2
426	Potent monoclonal antibodies neutralize Omicron sublineages and other SARS-CoV-2 variants. <b>2022</b> , 111528	O
425	Evaluating the Breadth of Neutralizing Antibody Responses Elicited by Infectious Bursal Disease Virus Genogroup A1 Strains Using a Novel Chicken B-Cell Rescue System and Neutralization Assay. <b>2022</b> , 96,	1
424	CP204L Is a Multifunctional Protein of African Swine Fever Virus That Interacts with The VPS39 Subunit of HOPS Complex and Promotes Lysosome Clustering.	O

423	Foot-and-mouth disease virus non-structural protein 2B downregulates the RLR signaling pathway via degradation of RIG-I and MDA5. 13,	0
422	FDA-Approved Inhibitors of RTK/Raf Signaling Potently Impair Multiple Steps of In Vitro and Ex Vivo Influenza A Virus Infections. <b>2022</b> , 14, 2058	О
421	Comparative analysis of the neutralizing activity against SARS-CoV-2 Wuhan-Hu-1 strain and variants of concern: Performance evaluation of a pseudovirus-based neutralization assay. 13,	1
420	Identification of immunomodulatory drugs that inhibit multiple inflammasomes and impair SARS-CoV-2 infection. <b>2022</b> , 8,	1
419	Pathogenicity Assessment and Vaccine Efficacy of Fowl Adenovirus Serotype 4 and 11 Responsible for Inclusion Body Hepatitis Hydropericardium Syndrome in Broilers. <b>2022</b> , 18, 97-103	0
418	Actin cytoskeleton remodeling primes RIG-I-like receptor activation. <b>2022</b> , 185, 3588-3602.e21	1
417	Chimeric Virus-like Particles Co-Displaying Hemagglutinin Stem and the C-Terminal Fragment of DnaK Confer Heterologous Influenza Protection in Mice. <b>2022</b> , 14, 2109	0
416	An efficient UV-C device for decontaminating personal protective equipment (PPE) soiled with human Corona and Influenza virus: Solution for small-scale reuse.	O
415	Antiviral Activity of Crude Polysaccharide Derived from Seaweed against IHNV and IPNV In Vitro. <b>2022</b> , 14, 2080	O
414	Evaluation of bactericidal activity of 7-arylaminoisoquinolin-5,8-quinones against Piscirickettsia salmonis.	O
413	Combination therapy with nirmatrelvir and molnupiravir improves the survival of SARS-CoV-2 infected mice. <b>2022</b> , 105430	3
412	Challenges for the development of a universal vaccine against leptospirosis revealed by the evaluation of 22 vaccine candidates. 12,	О
411	Synthesis, biological evaluation and preliminary mechanisms of 6-amino substituted harmine derivatives as potential antitumor agents. <b>2022</b> , 105329	O
410	Peste des Petits Ruminants Virus Upregulates STING to Activate ATF6-Mediated Autophagy.	O
409	Staphylococcus sciuri causes disease and pathological changes in hybrid sturgeon acipenser baerii 🛭 acipenser schrencki. 12,	O
408	H7N9 bearing a mutation in the nucleoprotein leads to increased pathology in chickens. 13,	O
407	The lncRNA ALPHA specifically targets chikungunya virus to control infection. <b>2022</b> , 82, 3729-3744.e10	1
406	Inducible general knockout of Runx3 profoundly reduces pulmonary cytotoxic CD8+ T cells with minimal effect on outcomes in mice following influenza infection. 13,	O

405	Survival of human coronavirus 229E at different temperatures on various food-contact surfaces and food and under simulated digestive conditions. <b>2022</b> , 112014	0
404	Steroidal saponin components and their cancer cell cytotoxicity from Paris rugosa. <b>2022</b> , 204, 113452	О
403	Infection and transmission dynamics of Turkey arthritis reovirus in different age Turkeys. <b>2022</b> , 173, 105790	О
402	Development of a TaqMan quantitative reverse transcription PCR assay to detect tilapia lake virus.	Ο
401	CHEMICAL COMPOSITION AND BIOLOGICAL ACTIVITY OF CULTIVATED MYCELIUM OF WOOD-DESTROYING BASIDIOMYCETE FOMES FOMENTARIUS (L.) FR <b>2022</b> , 267-275	0
400	Detection of New H5N1 High Pathogenicity Avian Influenza Viruses in Winter 2021â2022 in the Far East, Which Are Genetically Close to Those in Europe. <b>2022</b> , 14, 2168	O
399	Maximal interferon induction by influenza lacking NS1 is infrequent owing to requirements for replication and export.	0
398	Pathogenicity evaluation of GVI-1 lineage infectious bronchitis virus and its long-term effects on reproductive system development in SPF hens. 13,	O
397	Virulence and Cross-Protection Conferred by an Attenuated Genotype I-Based Chimeric Japanese Encephalitis Virus Strain Harboring the E Protein of Genotype V in Mice.	0
396	Sequential Transmission of Influenza Viruses in Ferrets Does Not Enhance Infectivity and Does Not Predict Transmissibility in Humans.	O
395	Zika Virus Infection Downregulates Connexin 43, Disrupts the Cardiomyocyte Gap Junctions and Induces Heart Diseases in A129 Mice.	0
394	A pseudovirus-based platform to measure neutralizing antibodies in Mexico using SARS-CoV-2 as proof-of-concept. <b>2022</b> , 12,	2
393	Safety and immunogenicity of inactive vaccines as booster doses for COVID-19 in Turkey: A randomized trial.	0
392	Anti-Influenza Virus Potential of Probiotic Strain Lactoplantibacillus plantarum YML015 Isolated from Korean Fermented Vegetable. <b>2022</b> , 8, 572	О
391	cART Restores Transient Responsiveness to IFN Type 1 in HIV-Infected Humanized Mice.	0
390	Human Dendritic Cells Transmit Enterovirus A71 via Heparan Sulfates to Target Cells Independent of Viral Replication.	O
389	Heat Inactivation of Influenza VirusesâAnalysis of Published Data and Estimations for Required Decimal Reduction Times for Different Temperatures and Media. <b>2022</b> , 13, 853-871	0
388	Relationship between neutralizing and opsonizing monoclonal antibodies against foot-and-mouth disease virus. 9,	O

387	Construction of a Vero Cell Line Expressing Human ICAM1 for the Development of Rhinovirus Vaccines. <b>2022</b> , 14, 2235	0
386	Investigating the Role of African Horse Sickness Virus VP7 Protein Crystalline Particles on Virus Replication and Release. <b>2022</b> , 14, 2193	o
385	Synthesis of Polylactic Acid Oligomers for Broad-Spectrum Antimicrobials. <b>2022</b> , 14, 4399	1
384	Ligand-based discovery of coronavirus main protease inhibitors using MACAW molecular embeddings. <b>2023</b> , 38, 24-35	O
383	Sensitive Detection of SARS-CoV-2 Variants Using an Electrochemical Impedance Spectroscopy Based Aptasensor. <b>2022</b> , 23, 13138	0
382	Virus-like particles vaccines based on glycoprotein E0 and E2 of bovine viral diarrhea virus induce Humoral responses. 13,	0
381	The neutralizing response to SARS-CoV-2 Omicron variants BA.1 and BA.2 in COVID-19 patients and homologous and heterologous vaccinees.	0
380	Comparative Safety, Immunogenicity, and Efficacy of CEF Cell-Based and DF-1 Cell Line Adapted Infectious Bursal Disease Vaccines in Specific-Pathogen-Free Chickens. <b>2022</b> , 2022, 1-10	o
379	Silencing Asian Seabass gab3 Inhibits Nervous Necrosis Virus Replication.	0
378	Therapeutic strategy targeting host lipolysis limits infection by SARS-CoV-2 and influenza A virus. <b>2022</b> , 7,	2
377	A therapeutic agent of ursolic acid demonstrates potential application in aquaculture. 2022, 198965	O
376	Duck Enteritis Virus Protein Kinase US3 Inhibits DNA Sensing Signaling by Phosphorylating Interferon Regulatory Factor 7.	0
375	Peptide hydrolysate from fish skin collagen to prevent and treat Aeromonas hydrophila infection in Oreochromis niloticus.	0
374	Baculovirus Production and Infection in Axolotls. <b>2023</b> , 369-387	0
373	LigA formulated in AS04 or Montanide ISA720VG induced superior immune response compared to alum, which correlated to protective efficacy in a hamster model of leptospirosis. 13,	0
372	Antiviral activity of Inonotusin A an active compound isolated from Boletus bellinii and Boletus subtomentosus.	0
371	Virucidal PVP-Copper Salt Composites against Coronavirus Produced by Electrospinning and Electrospraying. <b>2022</b> , 14, 4157	О
370	Optimization of In Vivo Electroporation Conditions and Delivery of DNA Vaccine Encoding SARS-CoV-2 RBD Using the Determined Protocol. <b>2022</b> , 14, 2259	2

369	Timing and magnitude of the type-I interferon response are determinants of disease tolerance in arbovirus infection.	O
368	miRNA let-7 family regulated by NEAT1 and ARID3A/NF- <b>B</b> inhibits PRRSV-2 replication in vitro and in vivo. <b>2022</b> , 18, e1010820	O
367	Imprinted antibody responses against SARS-CoV-2 Omicron sublineages.	3
366	Differential innate immune response of endometrial cells to porcine reproductive and respiratory syndrome virus type 1 versus type 2.	O
365	Pathogenicity of the SARS-CoV-2 Virus Variants of Concern for the Syrian Golden Hamster. <b>2022</b> , 164-169	O
364	Immune Enhancement of Nanoparticle-Encapsulated Ginseng Stem-Leaf Saponins on Porcine Epidemic Diarrhea Virus Vaccine in Mice. <b>2022</b> , 10, 1810	O
363	AddaVax-Adjuvanted H5N8 Inactivated Vaccine Induces Robust Humoral Immune Response against Different Clades of H5 Viruses. <b>2022</b> , 10, 1683	1
362	Pathobiology and dysbiosis of the respiratory and intestinal microbiota in 14 months old Golden Syrian hamsters infected with SARS-CoV-2. <b>2022</b> , 18, e1010734	0
361	Attenuated Porcine Reproductive and Respiratory Syndrome Virus Regains Its Fatal Virulence by Serial Passaging in Pigs or Porcine Alveolar Macrophages To Increase Its Adaptation to Target Cells.	1
360	Host adaptive mutations in the 2009 H1N1 pandemic influenza A virus PA gene regulate translation efficiency of viral mRNAs via GRSF1. <b>2022</b> , 5,	O
359	African swine fever virus infection activates inflammatory responses through downregulation of the anti-inflammatory molecule C1QTNF3. 13,	О
358	Inactivation and Degradation of Influenza A Virus on the Surface of Photoactive Self-Cleaning Cotton Fabric Functionalized with Nanocrystalline TiO2. <b>2022</b> , 12, 1298	1
357	Local cellular immune response plays a key role in protecting chickens against hepatitis-hydropericardium syndrome (HHS) by vaccination with a recombinant fowl adenovirus (FAdV) chimeric fiber protein. 13,	0
356	Reverse genetics based H5N2 vaccine provides clinical protection against H5N1, H5N8 and H9N2 avian influenza infection in chickens. <b>2022</b> ,	O
355	Arrest of Cell Cycle by Avian Reovirus p17 through Its Interaction with Bub3. 2022, 14, 2385	O
354	Axin1: a novel scaffold protein joins the antiviral network of interferon.	O
353	Intranasal virus-particle mimicking vaccine enhances SARS-CoV-2 clearance in the Syrian hamster model.	О
352	Characterization of an Escherichia coli-derived triple-type chimeric vaccine against human papillomavirus types 39, 68 and 70. <b>2022</b> , 7,	О

351	Serological and Molecular Evidence of the Circulation of the Venezuelan Equine Encephalitis Virus Subtype IIIA in Humans, Wild Vertebrates and Mosquitos in The Brazilian Amazon. <b>2022</b> , 14, 2391	О
350	Interspecies Transmission from Pigs to Ferrets of Antigenically Distinct Swine H1 Influenza A Viruses with Reduced Reactivity to Candidate Vaccine Virus Antisera as Measures of Relative Zoonotic Risk. <b>2022</b> , 14, 2398	O
349	Symptomatology during previous SARS-CoV-2 infection and serostatus before vaccination influence the immunogenicity of BNT162b2 COVID-19 mRNA vaccine. 13,	0
348	Delta (B1.617.2) variant of SARS-CoV-2 induces severe neurotropic patterns in K18-hACE2 mice.	o
347	Intranasal nanoemulsion adjuvanted S-2P vaccine demonstrates protection in hamsters and induces systemic, cell-mediated and mucosal immunity in mice. <b>2022</b> , 17, e0272594	O
346	Intranasal delivery of a chimpanzee adenovirus vector expressing a pre-fusion spike (BV-AdCoV-1) protects golden Syrian hamsters against SARS-CoV-2 infection. 12,	O
345	WSV056-mediated downregulation of PvSMCT1 contributes to immune evasion of white spot syndrome virus in the infection of Penaeus vannamei. <b>2022</b> , 739010	О
344	Enhanced Rishirilide Biosynthesis by a Rare In-Cluster Phosphopantetheinyl Transferase in Streptomyces xanthophaeus.	O
343	In silico approaches and in vitro assays identify a coumarin derivative as antiviral potential against SARS-CoV-2. 1-14	О
342	Temperature dependent cellular, and epigenetic regulatory mechanisms underlying the antiviral immunity in sevenband grouper to nervous necrosis virus infection. <b>2022</b> ,	O
341	The full-genome characterization and phylogenetic analysis of bovine herpesvirus type 1.2 isolated in China. 13,	0
340	PA-X protein of H1N1 subtype influenza virus disables the nasal mucosal dendritic cells for strengthening virulence. <b>2022</b> , 13, 1928-1942	O
339	PA-X Protein of H9N2 Subtype Avian Influenza Virus Suppresses the Innate Immunity of Chicken Bone Marrow-derived Dendritic Cells. <b>2022</b> , 102304	0
338	Robust Antiviral Activity of Santonica Flower Extract (Artemisia cina) against Avian and Human Influenza A Viruses: In Vitro and Chemoinformatic Studies.	2
337	In vitro and in vivo efficacy of Tecovirimat against a recently emerged 2022 Monkeypox virus isolate.	3
336	The effect and underlying mechanism of yeast lglucan on antiviral resistance of zebrafish against spring viremia of carp virus infection. 13,	1
335	Inhalation of Low Molecular Weight Heparins as Prophylaxis against SARS-CoV-2.	1
334	Potent Virucidal Activity In Vitro of Photodynamic Therapy with Hypericum Extract as Photosensitizer and White Light against Human Coronavirus HCoV-229E. <b>2022</b> , 14, 2364	О

333	Vacuum Foam Drying Method Improved the Thermal Stability and Long-Term Shelf Life of a Live Attenuated Newcastle Disease Virus Vaccine. <b>2022</b> , 23,	О
332	Transmission of Human Influenza A Virus in Pigs Selects for Adaptive Mutations on the HA Gene.	Ο
331	Ubiquitin-specific protease 18 in mallard (Anas platyrhynchos) interferes with type I interferon-mediated inhibition of high pathogenicity avian influenza virus replication. <b>2022</b> , 577, 32-42	O
330	Effect of E23G/K, F36V, N37T, E119D, and E199G polymerase acidic protein substitutions on the replication and baloxavir susceptibility of influenza B viruses. <b>2022</b> , 208, 105455	Ο
329	Evaluation of feed utilization, immune response and disease resistance in striped catfish, Pangasianodon hypophthalmus (Sauvage 1878) fed with a novel Aeromonas hydrophila biofilm vaccine. <b>2022</b> , 3, 100070	О
328	Characteristics of collection and inactivation of virus in air flowing inside a winding conduit equipped with 280 nm deep UV-LEDs. <b>2022</b> , 170, 107580	O
327	Swine NONO is an essential factor to inhibit pseudorabies virus infection. <b>2022</b> , 275, 109582	0
326	Employing functionalized graphene quantum dots to combat coronavirus and enterovirus. <b>2023</b> , 630, 1-10	O
325	Investigating the microbial inactivation effect of low temperature high pressure carbon dioxide and its application in frozen prawn (Penaeus vannamei). <b>2023</b> , 145, 109401	Ο
324	Evaluation of antiviral activity of Carica papaya leaves against SARS-CoV-2 assisted by metabolomic profiling. <b>2022</b> , 12, 32844-32852	О
323	Crystal structure and activity profiling of deubiquitinating inhibitors-bound to SARS-CoV-2 papain like protease revealed new allosteric sites for antiviral therapies.	0
322	HIGH ANTIGENIC DIVERSITY OF SEROTYPE 1 INFECTIOUS BURSAL DISEASE VIRUS REVEALED BY ANTIGENIC CARTOGRAPHY. <b>2022</b> , 198999	Ο
321	The Origin of Internal Genes Contributes to the Replication and Transmission Fitness of H7N9 Avian Influenza Virus.	1
320	Pathogenicity and Transmissibility of Goose-Origin H5N6 Avian Influenza Virus Clade 2.3.4.4h in Mammals. <b>2022</b> , 14, 2454	1
319	Predicting Influenza A Virus Infection in the Lung from Hematological Data with Machine Learning.	0
318	Antiviral and Anti-Inflammatory Activities of Fluoxetine in a SARS-CoV-2 Infection Mouse Model. <b>2022</b> , 23, 13623	0
317	Cross-Reactive Fc-Fused Single-Domain Antibodies to Hemagglutinin Stem Region Protect Mice from Group 1 Influenza a Virus Infection. <b>2022</b> , 14, 2485	0
316	Integrated protein-protein interaction and RNA interference screens reveal novel restriction and dependency factors for a tick-borne flavivirus in its human host.	O

315	Tecovirimat is effective against human monkeypox virus in vitro at nanomolar concentrations.	4
314	Monoterpenoid acylphloroglucinols from Hypericum hengshanense W. T. Wang with antiproliferative activities. <b>2022</b> , 113500	O
313	Thermostability and Immunogenicity of Genotype II Avian Orthoavulavirus (AOaV-1) Isolates from Duck (Anas platyrhynchos) and Parrot (Eclectusroratus). <b>2022</b> , 14, 2528	0
312	Avian metapneumovirus: A five-plex digital droplet RT-PCR method for identification of subgroups A, B, C, and D. 9,	O
311	Humoral and Cellular Immunogenicity and Efficacy of a Coxsackievirus A10 Vaccine in Mice. 1-50	1
310	Evaluation of An I177L gene-based five-gene-deleted African swine fever virus as a live attenuated vaccine in pigs. 1-36	1
309	Evaluation of the Protective Immune Response Induced by an rfbG- Deficient Salmonella enterica Serovar Enteritidis Strain as a Live Attenuated DIVA (Differentiation of Infected and Vaccinated Animals) Vaccine in Chickens.	О
308	Antiviral action of aqueous extracts of propolis fromScaptotrigona aff. posticaagainst Zica, Chikungunya, and Mayaro virus.	O
307	Dietary Administration of Engineered Nano-selenium and Vitamin C Ameliorates Immune Response, Nutritional Physiology, Oxidative Stress, and Resistance Against Aeromonas hydrophila in Nile Tilapia (Oreochromis niloticus).	1
306	Development of ELISA for the detection of antibodies against VP2 protein of bluetongue virus serotype-1. <b>2022</b> , 113386	O
305	Isolation, identification and characterisation of Aeromonas veronii from diseased Indian major carp, Cirrhinus mrigala.	O
304	Genome-wide identification, organization, and expression profiles of the chicken fibroblast growth factor genes in public databases and Vietnamese indigenous Ri chickens against highly pathogenic avian influenza H5N1 virus infection.	O
303	Alterations of the Mucosal Immune Response and Microbial Community of the Skin upon Viral Infection in Rainbow Trout (Oncorhynchus mykiss). <b>2022</b> , 23, 14037	2
302	SARS-CoV-2 variant Alpha has a spike-dependent replication advantage over the ancestral B.1 strain in human cells with low ACE2 expression. <b>2022</b> , 20, e3001871	O
301	Comparative study of the pathogenicity of SARS-CoV-2 B.1 AND B.1.617.2 lineages for syrian hamsters. <b>2022</b> , 2, 125-136	O
300	Multiple pathways for SARS-CoV-2 resistance to nirmatrelvir.	8
299	Isolation of BVDV-1a, 1m, and 1v strains from diarrheal calf in china and identification of its genome sequence and cattle virulence. 9,	О
298	Using long, sequence-specific dsRNA to knockdown inducible protein expression and virus production via an RNAi-like mechanism. <b>2022</b> , 131, 945-957	O

297	Chitosan nanoparticle immersion vaccine offers protection against tilapia lake virus in laboratory and field studies. <b>2022</b> , 131, 972-979	2
296	Self-cleaning wearable masks for respiratory infectious pathogen inactivation by type I and type II AIE photosensitizer. <b>2022</b> , 291, 121898	O
295	Comparison of the inactivation capacity of various UV wavelengths on SARS-CoV-2. 2022, 32, 101379	О
294	Genetic and pathogenic characteristics of two novel/recombinant avian orthoreovirus. 2022, 275, 109601	O
293	Mesoporous silica nanocarriers loaded with ribavirin against largemouth bass virus. 2022, 739078	О
292	Fast Inactivation of Coronavirus in Filtering-Facepiece Respirators in a Reflective Cylindrical UV-C Chamber. <b>2022</b> , 100151	Ο
291	Deletion of an African Swine Fever Virus ATP-Dependent RNA Helicase QP509L from the Highly Virulent Georgia 2010 Strain Does Not Affect Replication or Virulence. <b>2022</b> , 14, 2548	О
<b>2</b> 90	Oxygen uptake and transfer rates throughout production of recombinant baculovirus and rabies virus-like particles. <b>2023</b> , 124, 189-200	Ο
289	Evaluation of protective effects of heat-inactivated cyprinid herpesvirus-2 (CyHV-2) vaccine against herpesviral hematopoietic necrosis disease (HVHND) in goldfish (Carassius auratus). <b>2023</b> , 132, 108460	О
288	Virological, pathological, and glycovirological investigations of an Ezo red fox and a tanuki naturally infected with H5N1 high pathogenicity avian influenza viruses in Hokkaido, Japan. <b>2023</b> , 578, 35-44	1
287	A new embryonic cell line YCE1 from large yellow croaker (Larimichthys crocea) and its susceptibility to large yellow croaker iridovirus. <b>2023</b> , 565, 739079	О
286	Emerging fish pathogens Lactococcus petauri and L. garvieae in Nile tilapia (Oreochromis niloticus) farmed in Brazil. <b>2023</b> , 565, 739093	Ο
285	Duck hepatitis A virus type 1 transmission by exosomes establishes a productive infection in vivo and in vitro. <b>2023</b> , 277, 109621	О
284	Serum immunoglobulin G and mucosal immunoglobulin A antibodies from prepandemic samples collected in Kilifi, Kenya, neutralize SARS-CoV-2 in vitro. <b>2023</b> , 127, 11-16	Ο
283	Eudesmaneâ <b>E</b> ype sesquiterpenes from the rhizomes of Atractylodes macrocephala and their bioactivities. <b>2023</b> , 206, 113545	О
282	Stress due to vaccination may induce re-activation of latent bovine herpesvirus-1 in cattle. <b>2019</b> , 89,	0
281	SARS-CoV-2 Inhibitors Identified by Phenotypic Analysis of a Collection of Viral RNA-Binding Molecules. <b>2022</b> , 15, 1448	О
<b>2</b> 80	Differential Cell Line Susceptibility to the SARS-CoV-2 Omicron BA.1.1 Variant of Concern. <b>2022</b> , 10, 1962	2

279	Persistence of Toscana virus in sugar and blood meals of phlebotomine sand flies: epidemiological and experimental consequences.	О
278	A Characterization and an Evolutionary and a Pathogenicity Analysis of Reassortment H3N2 Avian Influenza Virus in South China in 2019âØ020. <b>2022</b> , 14, 2574	О
277	First Isolation of a Herpesvirus (Family Alloherpesviridae) from Great Lakes Lake Sturgeon (Acipenser fulvescens). <b>2022</b> , 12, 3230	О
276	Experimental evidence for temporal uncoupling of brain Aldeposition and neurodegenerative sequelae. <b>2022</b> , 13,	O
275	A Highly Effective African Swine Fever Virus Vaccine Elicits a Memory T Cell Response in Vaccinated Swine. <b>2022</b> , 11, 1438	O
274	Comparative Study of the Immune Response Induced by an Argentinian Classical Strain of IBDV in Two Chicken Breeds. <b>2022</b> , 2022, 1-11	O
273	Multivalent Human Cytomegalovirus Glycoprotein B Nucleoside-Modified mRNA Vaccines Demonstrate a Greater Breadth in T cell but not Antibody Responses.	0
272	Therapeutic efficacy of n-Docosanol against velogenic Newcastle disease virus infection in domestic chickens. 13,	O
271	Exosomes Released by Influenza-Virus-Infected Cells Carry Factors Capable of Suppressing Immune Defense Genes in NaWe Cells. <b>2022</b> , 14, 2690	О
270	Luminescent polyelectrolytes with antiviral activity. <b>2022</b> , 71, 2352-2357	O
269	Adaptation of the sheep pox virus (Poxviridae: <i>Capripoxvirus: Sheeppox virus</i>) to African green monkey kidney cell line and evaluation of its immunobiological properties. <b>2022</b> , 67, 450-458	O
268	An electron microscopic study of neocortex of Syrian hamsters (<i>Mesocricetus auratus</i>) infected with SARS-CoV-2 (Coronaviridae: <i>Coronavirinae: Betacoronavirus: Sarbecovirus</i>). <b>2022</b> , 67, 403-413	O
267	A multivalent nucleoside-modified mRNA vaccine against all known influenza virus subtypes. <b>2022</b> , 378, 899-904	4
266	The DEAD-box RNA helicase Dhx15 controls glycolysis and arbovirus replication in Aedes aegypti mosquito cells. <b>2022</b> , 18, e1010694	О
265	An FcRn-targeted mucosal vaccine against SARS-CoV-2 infection and transmission.	О
264	Brazilin from Caesalpinia sappan inhibits viral infection against PRRSV via CD163BRCR5 MARC-145 cells: an in silico and in vitro studies. <b>2022</b> , 12,	O
263	Preclinical efficacy, safety, and immunogenicity of PHH-1V, a second-generation COVID-19 vaccine, in non-human primates.	0
262	Rapid Assessment of Neutralizing Antibodies Using Influenza Viruses with a Luciferase Reporter. <b>2022</b> , 58, 878-886	O

261	Anti-Arbovirus Antibodies Cross-React With Severe Acute Respiratory Syndrome Coronavirus 2. <b>2022</b> , 10,	O
260	Long-Term Protection Elicited by an Inactivated Vaccine Supplemented with a Water-Based Adjuvant against Infectious Hematopoietic Necrosis Virus in Rainbow Trout (Oncorhynchus mykiss). <b>2022</b> , 10,	O
259	Duck Enteritis Virus Inhibits the cGAS-STING DNA-Sensing Pathway To Evade the Innate Immune Response. <b>2022</b> , 96,	0
258	Characterization of Nervous Necrosis Virus (NNV) Nonstructural Protein B2 and Its Enhancement on Virus Proliferation. <b>2022</b> , 14, 2818	O
257	Genomic characteristics, pathogenicity and viral shedding of a novel DVEV variant derived from goose. <b>2022</b> , 102392	O
256	Type I Interferon Signaling Controls Gammaherpesvirus Latency In Vivo. <b>2022</b> , 11, 1554	O
255	Avian Reovirus A Protein Inhibits Type I Interferon Production by Abrogating Interferon Regulatory Factor 7 Activation.	O
254	Guanylate-binding protein 1 restricts avian coronavirus infectious bronchitis virus-infected HD11 cells. <b>2022</b> , 102398	O
253	Small RNA sequencing and profiling of serum-derived exosomes from African swine fever virus-infected pigs.	0
252	Zinc Finger Protein BCL11A Contributes to the Abortive Infection of Hirame novirhabdovirus (HIRRV) in B Lymphocytes of Flounder (Paralichthys olivaceus). <b>2022</b> , 96,	O
251	The SARS-CoV-2 spike S375F mutation characterizes the Omicron BA.1 variant. <b>2022</b> , 25, 105720	0
250	Isolation and characterization of Ovine gammaherpesvirus type 2from an outbreak of Malignant Catarrhal Fever in Artiodactyla and horses in Mexico.	O
249	Umifenovir Epigenetically Targets the IL-10 Pathway in Therapy against Coxsackievirus B4 Infection.	0
248	Formulation enhanced the stability of Foot-and-mouth virus and prolonged vaccine storage. <b>2022</b> , 19,	O
247	Inactivation rates of African swine fever virus by compound disinfectants. 2022, 67, 181-188	O
246	Neutralizing Antibody Responses Elicited by Inactivated Whole Virus and Genetic Vaccines against Dominant SARS-CoV-2 Variants during the Four Epidemic Peaks of COVID-19 in Colombia. <b>2022</b> , 10, 2144	O
245	Proteomics-based scoring of cellular response to stimuli for improved characterization of signaling pathway activity. 2200275	1
244	Defective Interfering Particles with Broad-Acting Antiviral Activity for Dengue, Zika, Yellow Fever, Respiratory Syncytial and SARS-CoV-2 Virus Infection. <b>2022</b> , 10,	1

243	Mapping of Tilapia Lake Virus entry pathways with inhibitors reveals dependence on dynamin activity and cholesterol but not endosomal acidification. 10,	1
242	BmNPV circular RNA-encoded peptide VSP39 promotes viral replication. <b>2022</b> ,	O
241	Non-cytopathic bovine viral diarrhoea virus 2 induces autophagy to enhance its replication.	0
240	Molecular and functional characterization of chicken interleukin 1 receptor 2 (chIL-1R2). <b>2022</b> , 102399	O
239	Host-directed therapy with 2-deoxy-D-glucose inhibits human rhinoviruses, endemic coronaviruses, and SARS-CoV-2. <b>2022</b> , 8, 100305	2
238	First Report on Genome Analysis and Pathogenicity of Vibrio tubiashii FP17 from Farmed Ivory Shell (Babylonia areolata). <b>2022</b> , 7, 396	O
237	Boronium Salt as an Antiviral Agent against Enveloped Viruses Influenza A and SARS-CoV-2. <b>2022</b> , 1, 289-298	0
236	Orthopoxvirus Seroprevalence and Infection Susceptibility in France, Bolivia, Laos, and Mali. <b>2022</b> , 28, 2463-2471	0
235	The SUMO-interacting Motif in NS2 promotes adaptation of avian influenza virus to mammals.	0
234	Combination of the parent analogue of remdesivir (GS-441524) and molnupiravir results in a markedly potent antiviral effect in SARS-CoV-2 infected Syrian hamsters. 13,	O
233	Adaptation of a transmitted/founder simian-human immunodeficiency virus for enhanced replication in rhesus macaques.	0
232	Evaluation of (S)-10-Hydroxycamptothecin Inhibitor of Herpes Simplex Type 1 Identified from Screening of a Library of Natural Products. <b>2022</b> , 15,	O
231	Suppressive effects of pterostilbene on human cytomegalovirus (HCMV) infection and HCMV-induced cellular senescence. <b>2022</b> , 19,	0
230	Close relatives of MERS-CoV in bats use ACE2 as their functional receptors. <b>2022</b> , 612, 748-757	3
229	Pathogenicity of highly pathogenic avian influenza H5N8 subtype for herring gulls (Larus argentatus): impact of homo- and heterosubtypic immunity on the outcome of infection. <b>2022</b> , 53,	0
228	Henipaviruses and lyssaviruses target nucleolar Treacle protein and regulate ribosomal RNA synthesis.	1
227	Preclinical evaluation of safety and immunogenicity of a primary series intranasal COVID-19 vaccine candidate (BBV154) and humoral immunogenicity evaluation of a heterologous prime-boost strategy with COVAXIN (BBV152). 13,	1
226	Suppression of flavivirus transmission from animal hosts to mosquitoes with a mosquito-delivered vaccine. <b>2022</b> , 13,	O

225	Significance of Catecholamine Biosynthetic/Metabolic Pathway in SARS-CoV-2 Infection and COVID-19 Severity. <b>2023</b> , 12, 12	О
224	In Vitro Inhibition of SARS-CoV-2 Infection by Bromhexine hydrochloride.	O
223	RNA-seq analysis of a zebrafish caudal fin cell line in response to infection with spring viraemia of carp virus. <b>2022</b> ,	О
222	The evolution, characterization and phylogeography of avian influenza H9N2 viruses from India. <b>2022</b> ,	O
221	Efficacy of DNA Vaccines in Protecting Rainbow Trout against VHS and IHN under Intensive Farming Conditions. <b>2022</b> , 10, 2062	O
220	Three Amino Acid Substitutions in the Spike Protein Enable the Coronavirus Porcine Epidemic Diarrhea Virus To Infect Vero Cells.	O
219	Nelfinavir: An Old Ally in the COVID-19 Fight?. <b>2022</b> , 10, 2471	0
218	Immunization with Usutu virus and with a chimeric West Nile virus (WNV) harboring Usutu-E protein protects immunocompetent adult mice against lethal challenges with different WNV lineage 1 and 2 strains <b>2022</b> , 109636	O
217	DEAD Box Protein DhR1 Is a Global Regulator Involved in the Bacterial Fitness and Virulence of Riemerella anatipestifer.	О
216	Salmonella-mediated oral delivery of multiple-target vaccine constructs with conserved and variable regions of SARS-CoV-2 protect against the Delta and Omicron variants in hamster. <b>2023</b> , 105101	O
215	Recombinant single-cycle influenza virus with exchangeable pseudotypes allows repeated immunization to augment anti-tumour immunity with immune checkpoint inhibitors. 12,	О
214	Superantigen-Activated T Cells Redirected by a Bispecific Antibody Inhibit Vesicular Stomatitis Virus Replication In Vitro and In Vivo. <b>1998</b> , 160, 1841-1849	2
213	In Vitro Comparison of the Biologic Activities of Monoclonal Monomeric IgA, Polymeric IgA, and Secretory IgA. <b>1998</b> , 160, 1219-1223	19
212	A Novel Factor Produced by Placental Cells with Activity Against HIV-1. <b>1998</b> , 161, 6406-6412	1
211	Down-Regulation of CXCR4 by Human Herpesvirus 6 (HHV-6) and HHV-7. <b>1999</b> , 162, 5417-5422	3
<b>21</b> 0	Viral Infection Modulates Expression of Hypersensitivity Pneumonitis. <b>1999</b> , 162, 7397-7401	5
209	Comparative sensitivity of sandwich ELISA, RT-PCR, and real-time RT-PCR for detection of bluetongue virus. <b>2018</b> , 88, 191-193	0
208	Haematological and biochemical alterations in native sheep experimentally infected with bluetongue virus serotype-2. <b>2019</b> , 89,	О

207	Rapid one-step real-time RT-PCR assay for the detection and quantitation of bluetongue virus. <b>2019</b> , 89,	0
206	The nucleoprotein of influenza A virus inhibits the innate immune response by inducing mitophagy. 1-18	O
205	Myostatin-mediated regulation of skeletal muscle damage post-acute Aeromonas hydrophila infection in Nile tilapia (Oreochromis niloticus L.).	0
204	Ammi-visnaga extract; a novel phyto-antiviral agent against bovine rotavirus.	O
203	Differential response of RTGUTGC and RTGILL-W1 rainbow trout epithelial cell lines to viral stimulation.	0
202	Cellular APOBEC3A deaminase drives mutations in the SARS-CoV-2 genome.	O
201	Omicron Sub-Lineage BA.5 and Recombinant XBB Evasion from Antibody Neutralisation in BNT162b2 Vaccine Recipients. <b>2023</b> , 11, 191	0
200	An Infectious Bursal Disease Virus (IBDV) Reverse Genetics Rescue System and Neutralization Assay in Chicken B Cells. <b>2023</b> , 3,	О
199	European Black Elderberry Fruit Extract Inhibits Replication of SARS-CoV-2 In Vitro. 2023, 3, 91-106	О
198	Assessment of Immunogenicity and Efficacy of CV0501 mRNA-based Omicron COVID-19 Vaccination in Small Animal Models.	O
197	Pathogenicity and pathogenesis of a recent highly pathogenic avian influenza subtype H5N8 in mule ducklings in Egypt. 59-67	0
196	Determining the Protective Efficacy of Toll-Like Receptor Ligands to Minimize H9N2 Avian Influenza Virus Transmission in Chickens. <b>2023</b> , 15, 238	1
195	Local immune dysregulation and subsequent inflammatory response contribute to pulmonary edema caused by Enterovirus infection in mice. <b>2023</b> , 95,	0
194	Immunogenicity of a secreted, C-terminally truncated, form of bovine viral diarrhea virus E2 glycoprotein as a potential candidate in subunit vaccine development. <b>2023</b> , 13,	О
193	An environmentally relevant concentration of antibiotics impairs the immune system of zebrafish (Danio rerio) and increases susceptibility to virus infection. 13,	0
192	An inactivated SARS-CoV-2 vaccine induced cross-neutralising persisting antibodies and protected upon challenge in small animals. <b>2023</b> , 105949	O
191	Long-term systemic and mucosal SARS-CoV-2 IgA response and its association with persistent smell and taste disorders.	0
190	PSMB1 Inhibits the Replication of Porcine Reproductive and Respiratory Syndrome Virus by Recruiting NBR1 To Degrade Nonstructural Protein 12 by Autophagy.	О

189	Mutation of Basic Residues R283, R286, and K288 in the Matrix Protein of Newcastle Disease Virus Attenuates Viral Replication and Pathogenicity. <b>2023</b> , 24, 980	О
188	TBK1 and IRF3 are potential therapeutic targets in Enterovirus A71-associated diseases. <b>2023</b> , 17, e0011001	О
187	Biochemical monitoring throughout all stages of rabies virus-like particles production by Raman spectroscopy using global models. <b>2023</b> , 363, 19-31	О
186	Susceptibility of selected tropical non-tilapine ornamental cichlids to Tilapia tilapinevirus following experimental infection. <b>2023</b> , 567, 739224	O
185	Microbiological quality of irrigation water for cultivation of fruits and vegetables: An overview of available guidelines, water testing strategies and some factors that influence compliance <b>2023</b> , 220, 114771	1
184	Effectively protecting Asian seabass Lates calcarifer from ISKNV-I, ISKNV-II, RSIV-II and SDDV by an inactivated ISKNV-I and SDDV bivalent vaccine. <b>2023</b> , 566, 739218	Ο
183	Micro- and macroalgae blend modulates the mucosal and systemic immune responses of European seabass (Dicentrarchus labrax) upon infection with Tenacibaculum maritimum. <b>2023</b> , 566, 739222	0
182	bta-miR-2904 inhibits bovine viral diarrhea virus replication by targeting viral-infection-induced autophagy via ATG13. <b>2023</b> , 168,	Ο
181	Uptake and Survival of African Swine Fever Virus in Mealworm (Tenebrio molitor) and Black Soldier Fly (Hermetia illucens) Larvae. <b>2023</b> , 12, 47	1
180	ESCRT recruitment to mRNA-encoded SARS-CoV-2 spike induces virus-like particles and enhanced antibody responses.	Ο
179	Comparative Assessment of the Binding and Neutralisation Activity of Bispecific Antibodies Against SARS-CoV-2 Variants. <b>2023</b> , 6, 49-58	О
178	Combined molnupiravir-nirmatrelvir treatment improves effect on SARS-CoV-2 in Macaques.	Ο
177	A spike-trimer protein-based tetravalent COVID-19 vaccine elicits enhanced breadth of neutralization against SARS-CoV-2 Omicron subvariants and other variants.	О
176	Performance Comparison of Recombinant Baculovirus and Rabies Virus-like Particles production Using Two Culture Platforms. <b>2023</b> , 11, 39	Ο
175	Potential virulence factors of Nocardia seriolae AHLQ20-01 based on whole-genome analysis and its pathogenicity to largemouth bass (Micropterus salmoides).	0
174	Generation and Characterization of a SARS-CoV-2-Susceptible Mouse Model Using Adeno-Associated Virus (AAV6.2FF)-Mediated Respiratory Delivery of the Human ACE2 Gene. <b>2023</b> , 15, 85	1
173	Caracterizacifi biolgica de dos aislados de Leptospira spp. procedentes de pacientes colombianos con sfidrome de Weil. <b>2010</b> , 1, 65-72	0
172	First Detection of African Swine Fever Virus Genotype IX at the Kenya Coast. <b>2022</b> , 18, 1-6	Ο

171	Cytotoxic and pro-apoptotic effects of botanical drugs derived from the indigenous cultivated medicinal plant Paris polyphylla var. yunnanensis. 14,	0
170	Rapid Diagnostic Tests for the Detection of the Four Dengue Virus Serotypes in Clinically Relevant Matrices.	О
169	Antiviral activities of plant-derived indole and Earboline alkaloids against human and avian influenza viruses. <b>2023</b> , 13,	0
168	Silencing Transcription from an Influenza Reverse Genetics Plasmid in E. coli Enhances Gene Stability.	О
167	Therapeutic Targeting of Inflammation and Virus Simultaneously Ameliorates Influenza Pneumonia and Protects from Morbidity and Mortality. <b>2023</b> , 15, 318	О
166	Infectivity and transmissibility of an avian H3N1 influenza virus in pigs. <b>2023</b> , 54,	О
165	Highly Pathogenic Avian Influenza H5N1 Virus Infections in Wild Red Foxes (Vulpes vulpes) Show Neurotropism and Adaptive Virus Mutations.	1
164	In vivo activity of Sotrovimab against BQ.1.1 Omicron sublineage.	O
163	<i>Vibrio anguillarum</i> J-O-1 Type Infection in Farmed Greater Amberjack <i>Seriola dumerili</i>. <b>2023</b> , 57, 131-135	0
162	Hot Climate and Humidity Do Not Interfere with BA.5 Omicron Spreading.	О
161	Unraveling the Intrinsic Biocidal Activity of the SiO2âAg Composite against SARS-CoV-2: A Joint Experimental and Theoretical Study. <b>2023</b> , 15, 6548-6560	0
160	Swine-to-Ferret Transmission of Antigenically Drifted Contemporary Swine H3N2 Influenza A Virus Is an Indicator of Zoonotic Risk to Humans. <b>2023</b> , 15, 331	o
159	Hybrids of Ixodes ricinus and Ixodes persulcatus ticks effectively acquire and transmit tick-borne encephalitis virus. 13,	0
158	SARS-CoV-2 spike HexaPro formulated in aluminium hydroxide and administered in an accelerated vaccination schedule partially protects Syrian Hamsters against viral challenge despite low neutralizing antibody responses. 14,	o
157	Development of in ovo-compatible NS1-truncated live attenuated influenza vaccines by modulation of hemagglutinin cleavage and polymerase acidic $\hat{X}$ frameshifting sites. <b>2023</b> ,	0
156	Assessment of Immunogenicity and Efficacy of CV0501 mRNA-Based Omicron COVID-19 Vaccination in Small Animal Models. <b>2023</b> , 11, 318	o
155	Pterostilbene, an active constituent of blueberries, enhances innate immune activation and restricts enterovirus D68 infection. 14,	0
154	Live attenuated influenza A virus vaccine expressing an IgA-inducing protein protects pigs against replication and transmission. 3,	О

153	PF-D-Trimer, a protective SARS-CoV-2 subunit vaccine: immunogenicity and application. 2023, 8,	O
152	Construction and efficacy of a new live chimeric C-strain vaccine with DIVA characteristics against classical swine fever. <b>2023</b> , 41, 2003-2012	O
151	Uncovering strain- and age- dependent differences in innate immune response to SARS-CoV-2 infection in nasal epithelia using combined short and long-read scRNA-seq.	О
150	Enterovirus D68 Infection Induces TDP-43 Cleavage, Aggregation, and Neurotoxicity.	O
149	Environmental Stability of Enveloped Viruses Is Impacted by Initial Volume and Evaporation Kinetics of Droplets.	О
148	Persistence of Toscana virus in sugar and blood meals of phlebotomine sand flies: epidemiological and experimental consequences. <b>2023</b> , 13,	O
147	Isolation and identification of two novel pseudorabies viruses with natural recombination or TK gene deletion in China. <b>2023</b> , 280, 109703	0
146	Novel pro-and eukaryotic expression plasmid expressing omicron antigens delivered via Salmonella elicited MHC class I and II based protective immunity. <b>2023</b> , 357, 404-416	O
145	Mussel antiviral transcriptome response and elimination of viral haemorrhagic septicaemia virus (VHSV). <b>2023</b> , 136, 108735	0
144	Novel inhibitors of HSV-1 protease effective in vitro and in vivo. <b>2023</b> , 213, 105604	O
143	Knob domain of Fiber 2 protein provides full protection against fowl adenovirus serotype 4. <b>2023</b> , 330, 199113	0
142	Colletotrins A-C, three new sesquiterpenes from the endophytic fungus Colletotrichum iris strain S11. <b>2023</b> , 55, 34-37	O
141	Oxytetracycline efficacy and preliminary establishment of pharmacokinetic residues in tropical fish, Catla catla (Hamilton, 1822). <b>2023</b> , 571, 739481	0
140	Rapid, sensitive, and specific, low-resource molecular detection of Hendra virus. <b>2023</b> , 16, 100504	O
139	Pathogenicity, transmissibility, and immunogenicity of recombinant H9N2 avian influenza viruses based on representative viruses of Southeast China. <b>2023</b> , 102, 102625	0
138	Treatment with Toll-like Receptor (TLR) Ligands 3 and 21 Prevents Fecal Contact Transmission of Low Pathogenic H9N2 Avian Influenza Virus (AIV) in Chickens. <b>2023</b> , 15, 977	O
137	Nuclear import of IRF11 via the importin 和athway is essential for its antiviral activity. <b>2023</b> , 141, 104649	0
136	Real-life lack of evidence of viable SARS-CoV-2 transmission via inanimate surfaces: The SURFACE study. <b>2023</b> , 16, 736-740	О

135	First evidence of extensively drug-resistant virulent Aeromonas dhakensis isolated from diseased endemic Mascara barb (Dawkinsia assimilis) in India. <b>2023</b> , 569, 739337	O
134	Molecular characterization and pathology of field isolates of foot-and-mouth virus in Swiss albino mice. 84,	O
133	Statistical optimization and characterization of fucose-rich polysaccharides extracted from pumpkin (Cucurbita maxima) along with antioxidant and antiviral activities. <b>2023</b> , 232, 123372	O
132	mRNA Vaccine Mitigates SARS-CoV-2 Infections and COVID-19. <b>2023</b> , 11,	O
131	Matrix metalloproteinase 9 modulates immune response along with the formation of extracellular traps in flounder (Paralichthys olivaceus). <b>2023</b> , 133, 108570	О
130	A DNA Prime and MVA Boost Strategy Provides a Robust Immunity against Infectious Bronchitis Virus in Chickens. <b>2023</b> , 11, 302	O
129	Novel recombinant avian infectious bronchitis viruses from chickens in Korea, 2019â⊠021. 10,	O
128	CP204L Is a Multifunctional Protein of African Swine Fever Virus That Interacts with the VPS39 Subunit of the Homotypic Fusion and Vacuole Protein Sorting Complex and Promotes Lysosome Clustering. <b>2023</b> , 97,	O
127	Diversity of Surface Fibril Patterns in Mimivirus Isolates. <b>2023</b> , 97,	O
126	Human IRF1 governs macrophagic IFN-limmunity to mycobacteria. <b>2023</b> , 186, 621-645.e33	1
126	Human IRF1 governs macrophagic IFN-limmunity to mycobacteria. 2023, 186, 621-645.e33  Porcine sapovirus-induced RIPK1-dependent necroptosis is proviral in LLC-PK cells. 2023, 18, e0279843	0
125	Porcine sapovirus-induced RIPK1-dependent necroptosis is proviral in LLC-PK cells. <b>2023</b> , 18, e0279843  Vector Competence of a Coastal Population of Aedes aegypti for Dengue 2 and 3 Virus Serotypes	0
125 124	Porcine sapovirus-induced RIPK1-dependent necroptosis is proviral in LLC-PK cells. <b>2023</b> , 18, e0279843  Vector Competence of a Coastal Population of Aedes aegypti for Dengue 2 and 3 Virus Serotypes in Kenya. <b>2023</b> , 2023, 1-11  Passive immune protection against Singapore grouper iridovirus in groupers by oral feeding of egg	0
125 124 123	Porcine sapovirus-induced RIPK1-dependent necroptosis is proviral in LLC-PK cells. 2023, 18, e0279843  Vector Competence of a Coastal Population of Aedes aegypti for Dengue 2 and 3 Virus Serotypes in Kenya. 2023, 2023, 1-11  Passive immune protection against Singapore grouper iridovirus in groupers by oral feeding of egg yolk antibody. 2023, 568, 739321	0 0
125 124 123	Porcine sapovirus-induced RIPK1-dependent necroptosis is proviral in LLC-PK cells. 2023, 18, e0279843  Vector Competence of a Coastal Population of Aedes aegypti for Dengue 2 and 3 Virus Serotypes in Kenya. 2023, 2023, 1-11  Passive immune protection against Singapore grouper iridovirus in groupers by oral feeding of egg yolk antibody. 2023, 568, 739321  Efficacy of Two Vaccination Strategies against Infectious Bronchitis in Laying Hens. 2023, 11, 338  Human IVIG treatment in a neurological disease model for Enterovirus A71 infection in 28-day-old	0 0
125 124 123 122	Porcine sapovirus-induced RIPK1-dependent necroptosis is proviral in LLC-PK cells. 2023, 18, e0279843  Vector Competence of a Coastal Population of Aedes aegypti for Dengue 2 and 3 Virus Serotypes in Kenya. 2023, 2023, 1-11  Passive immune protection against Singapore grouper iridovirus in groupers by oral feeding of egg yolk antibody. 2023, 568, 739321  Efficacy of Two Vaccination Strategies against Infectious Bronchitis in Laying Hens. 2023, 11, 338  Human IVIG treatment in a neurological disease model for Enterovirus A71 infection in 28-day-old AG129 mice. 2023, 580, 62-72  HoBi-like Pestivirus Is Highly Prevalent in Cattle Herds in the Amazon Region (Northern Brazil).	0 0 0

117	Structural and Immunoreactivity Properties of the SARS-CoV-2 Spike Protein upon the Development of an Inactivated Vaccine. <b>2023</b> , 15, 480	O
116	Poly(ethylene glycol)-block-poly(sodium 4-styrenesulfonate) Copolymers as Efficient Zika Virus Inhibitors: In Vitro Studies. <b>2023</b> , 8, 6875-6883	О
115	Comparative pathogenic potential of avian influenza H7N3 viruses isolated from wild birds in Egypt and their sensitivity to commercial antiviral drugs. <b>2023</b> , 168,	0
114	Development of a lateral flow immunochromatographic assay (LFIA) for the detection of hirame novirhabdovirus (HIRRV) in olive flounder (Paralichthys olivaceus). <b>2023</b> , 568, 739341	O
113	N 6 -Methyladenosine RNA Modification in Host Cells Regulates Peste des Petits Ruminants Virus Replication. <b>2023</b> , 11,	0
112	Direct detection of elephant endotheliotropic herpesvirus 1 (EEHV1) DNA in heparinized plasma by loop-mediated isothermal amplification. <b>2023</b> , 85, 459-462	O
111	A novel antiviral formulation containing caprylic acid inhibits SARS-CoV-2 infection of a human bronchial epithelial cell model. <b>2023</b> , 104,	0
110	Evaluation of Viral Inactivation on Dry Surface by High Peak Power Microwave (HPPM) Exposure. <b>2023</b> , 44, 5-16	O
109	Design, synthesis, and evaluation of 4?-phosphonomethoxy pyrimidine ribonucleosides as potential anti-influenza agents.	0
108	Hypochlorous acid inactivates oral pathogens and a SARS-CoV-2-surrogate. <b>2023</b> , 23,	О
107	ZFP36 ring finger protein like 1 significantly suppresses human coronavirus OC43 replication. 11, e14776	0
106	Incorporation of SARS-CoV-2 spike NTD to RBD protein vaccine improves immunity against viral variants. <b>2023</b> , 26, 106256	O
105	Vaccine- and Breakthrough Infection-Elicited Pre-Omicron Immunity More Effectively Neutralizes Omicron BA.1, BA.2, BA.4 and BA.5 Than Pre-Omicron Infection Alone. <b>2023</b> , 45, 1741-1761	0
104	The Hsf1-sHsp cascade has pan-antiviral activity in mosquitoes.	O
103	ASYMPTOMATIC MONKEY POX VIRUS INFECTION: A SELF-SAMPLING SCREENING INTERVENTION ADRESSED TO GAY, BISEXUAL AND OTHER MEN WHO HAVE SEX WITH MEN AND TRANS WOMEN IN SPAIN.	O
102	Asymptomatic Monkey Pox Virus Infection: a Self-sampling Screening Intervention Adressed to Gay, Bisexual and Other Men Who Have Sex With Men and Trans Women in Spain.	О
101	Molecular identification and functional analysis of X-linked inhibitor of apoptosis -associated factor-1 (XAF1) in grass carp, Ctenopharyngodon idella. <b>2023</b> , 134, 108635	0
100	Characterization of the Human Immunodeficiency Virus (HIV-1) Envelope Glycoprotein Conformational States on Infectious Virus Particles. <b>2023</b> , 97,	О

99	Antiviral activity of Humulus lupulus (HOP) aqueous extract against MERS-CoV and SARS-CoV-2: in-vitro and in-silico study. <b>2023</b> , 37, 167-179	O
98	Rational Use of Monoclonal Antibodies as Therapeutic Treatment in an Oncologic Patient with Long COVID. <b>2023</b> , 15, 614	O
97	Protection of SPF Chickens by H9N2 Y439 and G1 Lineage Vaccine against Homologous and Heterologous Viruses. <b>2023</b> , 11, 538	0
96	Emergence of a novel intergenic region (IGR) IV variant of african swine fever virus genotype II in domestic pigs in Vietnam.	O
95	Human intestinal organoid models for celiac disease research. 2023,	О
94	Tilapia lake virus (TiLV) causes severe anaemia and systemic disease in tilapia.	1
93	Delta (B1.617.2) variant of SARS-CoV-2 induces severe neurotropic patterns in K18-hACE2 mice. <b>2023</b> , 13,	2
92	2019-20 H1N1 clade A5a.1 viruses have betterin vitroreplication compared with the co-circulating A5a.2 clade.	O
91	Endogenous Linear Plasmids lp28-4 and lp25 Are Required for Infectivity and Restriction Protection in the Lyme Disease Spirochete Borrelia mayonii. <b>2023</b> , 91,	0
90	Monovalent and trivalent VSV-based COVID-19 vaccines elicit neutralizing antibodies and CD8+ T cells against SARS-CoV-2 variants. <b>2023</b> , 26, 106292	O
89	Detection and Characterization of Goose Astrovirus Infections in Hatcheries and Commercial Goose Flocks. <b>2023</b> , 2023, 1-10	О
88	Antiviral effect and mechanism of Phillyrin and its reformulated FS21 against influenza. <b>2023</b> , 17,	O
87	Pathological Characteristics of Domestic Pigs Orally Infected with the Virus Strain Causing the First Reported African Swine Fever Outbreaks in Vietnam. <b>2023</b> , 12, 393	0
86	Immunogenicity and efficacy of serogroup A and D bacterins against Pasteurella multocida in mice. 10,	O
85	SARS-CoV-2 infects multiple species of North American deer mice and causes clinical disease in the California mouse. 3,	0
84	Beneficial Effects of Graded Levels of Fish Protein Hydrolysate (FPH) on the Growth Performance, Blood Biochemistry, Liver and Intestinal Health, Economics Efficiency, and Disease Resistance to Aeromonas hydrophila of Pabda (Ompok pabda) Fingerling. <b>2023</b> , 8, 147	O
83	Inactivation Performance of Pseudorabies Virus as African Swine Fever Virus Surrogate by Four Commercialized Disinfectants. <b>2023</b> , 11, 579	O
82	Transcriptional Analysis of the Gene Encoding the Putative Myristoylated Membrane Protein (ORF458R) of Invertebrate Iridescent Virus 6 (IIV6).	O

81	Rapid Induction of Protective Immunity against Pneumonic Plague by Yersinia pestis Polymeric F1 and LcrV Antigens. <b>2023</b> , 11, 581	О
80	Type I interferon signaling induces a delayed antiproliferative response in Calu-3 cells during SARS-CoV-2 infection.	О
79	Cross-species infection potential of avian influenza H13 viruses isolated from wild aquatic birds to poultry and mammals. <b>2023</b> , 12,	0
78	Transmission of Zika virus by dendritic cell subsets in skin and vaginal mucosa. 14,	O
77	Cross-reactive antibodies against Langat virus protect mice from lethal tick-borne encephalitis virus infection. 14,	O
76	Investigating antigenic features of the SARS-CoV-2 isolated in Russian Federation in 2021â2022 by hyperimmune mouse serum neutralisation. <b>2023</b> , 13, 37-45	0
75	Evaluation of an alternative method for determination of Protective Dose50 of Classical swine fever vaccines. <b>2023</b> , 581, 139-144	0
74	Long-term systemic and mucosal SARS-CoV-2 IgA response and its association with persistent smell and taste disorders. 14,	0
73	Convergent Evolution of A-Lineage (Clade 19B) SARS-CoV-2 Spike Sequences with B-Lineage Variants of Concern Affects Virus Replication in a Temperature-Dependent Manner on Human Nasal Epithelial Cell Cultures.	O
72	The Chinese herbal prescription JieZe-1 inhibits caspase-1-dependent pyroptosis induced by herpes simplex virus-2 infection in vitro. <b>2023</b> ,	o
71	Efficacy of detergent-based cleaning and wiping against SARS-CoV-2 on high-touch surfaces. <b>2023</b> , 76,	O
70	Insights into In Vitro Adaptation of EV71 and Analysis of Reduced Virulence by In Silico Predictions. <b>2023</b> , 11, 629	О
69	Regulated control of virus replication by 4-hydroxytamoxifen-induced splicing. 14,	О
68	A retrospective study showing a high rate of seropositivity against SARS-CoV-2 in wild felines in India. <b>2023</b> , 168,	О
67	RT-LAMP as Diagnostic Tool for Influenzaâl Virus Detection in Swine. <b>2023</b> , 10, 220	0
66	Canine distemper virus N protein induces autophagy to facilitate viral replication. 2023, 19,	О
65	An ancestral vaccine induces anti-Omicron antibodies by hypermutation.	0
64	From a genome-wide screen of RNAi molecules against SARS-CoV-2 to a validated broad-spectrum and potent prophylaxis. <b>2023</b> , 6,	О

63	Cell-to-cell spread inhibiting antibodies constitute a correlate of protection against herpes simplex virus type 1 reactivations: A retrospective study. 14,	0
62	Susceptibility and Pathogenesis of Eurasian Tree Sparrows Experimentally Inoculated with Velogenic Newcastle Disease Virus. <b>2023</b> , 67,	O
61	Efficacy of chemical disinfectants against SARS-CoV-2 on high-touch surface materials. 2023, 134,	0
60	Neuraminidase delivered as an APC-targeted DNA vaccine induces protective antibodies against influenza. <b>2023</b> ,	O
59	Nine New Pregnane Glycosides from the Cultivated Medicinal Plant Marsdenia tenacissima. <b>2023</b> , 28, 2705	0
58	The host-targeting compound peruvoside has a broad-spectrum antiviral activity against positive-sense RNA viruses. <b>2023</b> ,	O
57	Analysis of spike protein variants evolved in a novel mouse model of persistent SARS-CoV-2 infection.	0
56	ASFV transcription reporter screening system identifies ailanthone as a broad antiviral compound. <b>2023</b> ,	0
55	BCG administration promotes the long-term protection afforded by a single-dose intranasal adenovirus-based SARS-CoV-2 vaccine.	0
54	Vaccine Interaction and Protection against Virulent Avian Metapneumovirus (aMPV) Challenge after Combined Administration of Newcastle Disease and aMPV Live Vaccines to Day-Old Turkeys. <b>2023</b> , 11, 708	O
53	Ultrafast inactivation of SARS-CoV-2 by 254-nm UV-C irradiation on porous and non-porous media of medical interest using an omnidirectional chamber.	0
52	An Enhanced Dissolving Cyclosporin-A Inhalable Powder Efficiently Reduces SARS-CoV-2 Infection In Vitro. <b>2023</b> , 15, 1023	O
51	In vitro antiviral effect of ethanolic extracts from Azadirachta indica and Melia azedarach against goat lentivirus in colostrum and milk. <b>2023</b> , 13,	0
50	Inactivation of SARS-CoV-2 and Other Enveloped and Non-Enveloped Viruses with Non-Thermal Plasma for Hospital Disinfection. <b>2023</b> , 11, 5206-5215	O
49	Construction and immunogenicity of a trypsin-independent porcine epidemic diarrhea virus variant. 14,	0
48	First study on in vitro antiviral and virucidal effects of flavonoids against feline infectious peritonitis virus at the early stage of infection. <b>2023</b> , 618-630	O
47	Porcine reproductive and respiratory syndrome virus infection triggers autophagy via ER stress-induced calcium signaling to facilitate virus replication. <b>2023</b> , 19, e1011295	0
46	Pathogenicity of Aeromonas hydrophila in High-value Native Pangasius Catfish, Pangasius nasutus (Bleeker). <b>2023</b> , 46,	0

45	Transcriptomic insights into the immune response of the intestine to Aeromonas veronii infection in northern snakehead (Channa argus). <b>2023</b> , 255, 114825	O
44	Pathogenicity of Aeromonas hydrophila in High-value Native Pangasius Catfish, Pangasius nasutus (Bleeker). <b>2023</b> , 46,	O
43	Real time analysis of SARS-CoV-2 induced cytolysis reveals distinct variant-specific replication profiles.	0
42	A novel recombinant serotype 4 fowl adenovirus expressing fiber-2 protein of duck adenovirus 3. 13,	O
41	Coinfection with influenza virus and non-typeable Haemophilus influenzae aggregates inflammatory lung injury and alters gut microbiota in COPD mice. 14,	0
40	Differential replication characteristic of reassortant avian influenza A viruses H5N8 clade 2.3.4.4b in Madin Darby Canine kidney cell. <b>2023</b> , 102685	Ο
39	Amuvatinib Blocks SARS-CoV-2 Infection at the Entry Step of the Viral Life Cycle.	Ο
38	Viral Protein VP1 Virus-like Particles (VLP) of CVB4 Induces Protective Immunity against Lethal Challenges with Diabetogenic E2 and Wild Type JBV Strains in Mice Model. <b>2023</b> , 15, 878	O
37	Development of a dual vaccine against East Coast fever and lumpy skin disease. 14,	О
36	Immunogenicity and protective efficacy of an inactivated Newcastle disease virus vaccine encapsulated in poly-(lactic-co-glycolic acid) nanoparticles. <b>2023</b> , 102679	Ο
35	Hunting Drosophila viruses from wild populations: A novel isolation approach and characterisation of viruses. <b>2023</b> , 19, e1010883	O
34	Commercial influenza vaccines vary in HA-complex structure and in induction of cross-reactive HA antibodies. <b>2023</b> , 14,	Ο
33	In Vitro Investigation of the Interaction of Avian Metapneumovirus and Newcastle Disease Virus with Turkey Respiratory and Reproductive Tissue. <b>2023</b> , 15, 907	0
32	The pathogenesis of a 2022 North American highly pathogenic clade 2.3.4.4b H5N1 avian influenza virus in mallards (Anas platyrhynchos). 1-28	Ο
31	An efficient double-fluorescence approach for generating fiber-2-edited recombinant serotype 4 fowl adenovirus expressing foreign gene. 14,	0
30	Identification of culturable fungi and bacteria in mosquito saliva and impact on arbovirus infectionin vitro.	O
29	Essential role of an ERV-derived Env38 protein in adaptive humoral immunity against an exogenous SVCV infection in a zebrafish model. <b>2023</b> , 19, e1011222	О
28	Anti-viral chimeric protein RetroMAD1â[potently block SARS-CoV-2 viral entry and propagation.	O

27	An oseltamivir-resistant avian H1N1 influenza A virus can transmit from mallards to chickens similarly to a wild-type strain: implications for the risk of resistance transmission to humans. <b>2023</b> , 104,	0
26	Protective efficacy of a bivalent H5 influenza vaccine candidate against both clades 2.3.2.1 and 2.3.4.4 high pathogenic avian influenza viruses in SPF chickens. <b>2023</b> , 41, 2816-2823	O
25	SARS-CoV-2 Inhibits NRF2-Mediated Antioxidant Responses in Airway Epithelial Cells and in the Lung of a Murine Model of Infection.	0
24	Pathogenicity, Histological and Molecular Characterization of Fowl Adenovirus 8b Propagated in Eggs and Chicken Embryo Liver Cells in a Bioreactor. <b>2023</b> , 18, 29-43	O
23	Identification and characterisation of lumpy skin disease virus recently isolated from Giza, Egypt. <b>2023</b> , 26, 53-64	O
22	DNA immunization with in silico predicted T-cell epitopes protects against lethal SARS-CoV-2 infection in K18-hACE2 mice. 14,	O
21	Development of MVA-d34 Tetravalent Dengue Vaccine: Design and Immunogenicity. 2023, 11, 831	O
20	Variant enterovirus A71 found in immune-suppressed patient binds to heparan sulfate and exhibits neurotropism in B-cell-depleted mice. <b>2023</b> , 42, 112389	O
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