David L Suarez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

240 papers	11,334 citations	59 h-index	98 g-index
258 ext. papers	12,533 ext. citations	3.7 avg, IF	6.19 L-index

#	Paper	IF	Citations
240	Development of an in vitro model for animal species susceptibility to SARS-CoV-2 replication based on expression of ACE2 and TMPRSS2 in avian cells.. *Virology*, **2022**, 569, 1-12	3.6	0
239	In situ cytokine gene expression in early stage of virulent Newcastle disease in chickens. *Veterinary Pathology*, **2021**, 3009858211045945	2.8	0
238	Whole-Genome Sequence of from a 15-Year-Old Sample Confirms Evidence of GA08-like Strain Circulation 4 Years Prior to Its First Reported Outbreak. *Microbiology Resource Announcements*, **2021**, 10,	1.3	1
237	Near-Complete Genome Sequences of Five Siciniviruses from North America. *Microbiology Resource Announcements*, **2021**, 10,	1.3	1
236	Surveillance and Genetic Characterization of Virulent Newcastle Disease Virus Subgenotype V.3 in Indigenous Chickens from Backyard Poultry Farms and Live Bird Markets in Kenya. *Viruses*, **2021**, 13,	6.2	2
235	Protection against Different Genotypes of Newcastle Disease Viruses (NDV) Afforded by an Adenovirus-Vectored Fusion Protein and Live NDV Vaccines in Chickens. *Vaccines*, **2021**, 9,	5.3	2
234	Multiple Gene Segments Are Associated with Enhanced Virulence of Clade 2.3.4.4 H5N8 Highly Pathogenic Avian Influenza Virus in Mallards. *Journal of Virology*, **2021**, 95, e0095521	6.6	1
233	The pathogenicity and transmission of live bird market H2N2 avian influenza viruses in chickens, Pekin ducks, and guinea fowl. *Veterinary Microbiology*, **2021**, 260, 109180	3.3	0
232	Complete Genome Sequence of Strain GA08 (GI-27 Lineage). *Microbiology Resource Announcements*, **2020**, 9,	1.3	2
231	A 25-Year-Old Sample Contributes the Complete Genome Sequence of Vaccine Strain ArkDPI, Reisolated from Commercial Broilers in the United States. *Microbiology Resource Announcements*, **2020**, 9,	1.3	1
230	Protection conferred by commercial NDV live attenuated and double recombinant HVT vaccines against virulent California 2018 Newcastle disease virus (NDV) in chickens. *Vaccine*, **2020**, 38, 5507-5515	4.1	7
229	Avian Chlamydiosis **2020**, 1086-1107		2
228	External Parasites and Poultry Pests **2020**, 1135-1156		0
227	Nutritional Diseases **2020**, 1255-1285		3
226	Toxins and Poisons **2020**, 1349-1382		0
225	Newcastle Disease, Other Avian Paramyxoviruses, and Avian Metapneumovirus Infections **2020**, 109-166		9
224	Infectious Bronchitis **2020**, 167-188		22

223	Mycoplasmosis **2020**, 907-965		5
222	Infectious Laryngotracheitis **2020**, 189-209		8
221	Complete Genome Sequence of an Subtype B Strain from Hungary. *Microbiology Resource Announcements*, **2020**, 9,	1.3	1
220	Identification of efficacious vaccines against contemporary North American H7 avian influenza viruses. *Avian Diseases*, **2020**,	1.6	2
219	Biosafety risk assessment for production of candidate vaccine viruses to protect humans from zoonotic highly pathogenic avian influenza viruses. *Influenza and Other Respiratory Viruses*, **2020**, 14, 215-225	5.6	4
218	Pox **2020**, 364-381		7
217	Viral Infections of Waterfowl **2020**, 446-497		3
216	Developmental, Metabolic, and Other Noninfectious Disorders **2020**, 1286-1329		2
215	Other Bacterial Diseases **2020**, 995-1085		2
214	Viral Enteric Infections **2020**, 401-445		4
213	Internal Parasites **2020**, 1157-1191		8
212	Principles of Disease Prevention, Diagnosis, and Control **2020**, 1-78		3
211	Protozoal Infections **2020**, 1192-1254		5
210	Avian Reovirus Infections **2020**, 382-400		12
209	Neoplastic Diseases **2020**, 548-715		5
208	Salmonella Infections **2020**, 717-753		16
207	Mycotoxicoses **2020**, 1330-1348		3
206	Emerging Diseases and Diseases of Complex or Unknown Etiology **2020**, 1383-1410		1

205	Chicken Infectious Anemia and Circovirus Infections in Commercial Flocks **2020**, 284-320		1
204	Colibacillosis **2020**, 770-830		27
203	Pasteurellosis and Other Respiratory Bacterial Infections **2020**, 831-889		3
202	Clostridial Diseases **2020**, 966-994		1
201	Campylobacteriosis **2020**, 754-769		3
200	Infectious Coryza and Related Bacterial Infections **2020**, 890-906		7
199	Host Factors for Disease Resistance **2020**, 79-108		
198	Adenovirus Infections **2020**, 321-363		4
197	Infectious Bursal Disease **2020**, 257-283		14
196	Lack of Susceptibility to SARS-CoV-2 and MERS-CoV in Poultry. *Emerging Infectious Diseases*, **2020**, 26, 3074-3076	10.2	42
195	Genetic characterization and pathogenesis of the first H9N2 low pathogenic avian influenza viruses isolated from chickens in Kenyan live bird markets. *Infection, Genetics and Evolution*, **2020**, 78, 104074	4.5	18
194	Mutations in PB1, NP, HA, and NA Contribute to Increased Virus Fitness of H5N2 Highly Pathogenic Avian Influenza Virus Clade 2.3.4.4 in Chickens. *Journal of Virology*, **2020**,	6.6	5
193	Rapid evolution of Mexican H7N3 highly pathogenic avian influenza viruses in poultry. *PLoS ONE*, **2019**, 14, e0222457	3.7	10
192	Updated unified phylogenetic classification system and revised nomenclature for Newcastle disease virus. *Infection, Genetics and Evolution*, **2019**, 74, 103917	4.5	119
191	Virulent Newcastle disease viruses from chicken origin are more pathogenic and transmissible to chickens than viruses normally maintained in wild birds. *Veterinary Microbiology*, **2019**, 235, 25-34	3.3	22
190	Pathogenicity and transmission of virulent Newcastle disease virus from the 2018-2019 California outbreak and related viruses in young and adult chickens. *Virology*, **2019**, 531, 203-218	3.6	18
189	Age-dependent pathogenesis of clade 2.3.4.4A H5N2 HPAIV in experimentally infected Broad Breasted White turkeys. *Veterinary Microbiology*, **2019**, 231, 183-190	3.3	3
188	Presence of Newcastle disease viruses of sub-genotypes Vc and VIn in backyard chickens and in apparently healthy wild birds from Mexico in 2017. *Virus Genes*, **2019**, 55, 479-489	2.3	8

187	First Complete Genome Sequence of a Subgenotype Vd Newcastle Disease Virus Isolate. *Microbiology Resource Announcements*, **2019**, 8,	1.3	5
186	Armoured exogenous internal control for real-time PCR diagnosis of avian influenza. *Avian Pathology*, **2019**, 48, 492-498	2.4	1
185	Rapid, multiplexed, whole genome and plasmid sequencing of foodborne pathogens using long-read nanopore technology. *Scientific Reports*, **2019**, 9, 16350	4.9	22
184	Pathobiology and innate immune responses of gallinaceous poultry to clade 2.3.4.4A H5Nx highly pathogenic avian influenza virus infection. *Veterinary Research*, **2019**, 50, 89	3.8	3
183	First Complete Genome Sequence of Currently Circulating Infectious Bronchitis Virus Strain DMV/1639 of the GI-17 Lineage. *Microbiology Resource Announcements*, **2019**, 8,	1.3	7
182	Single-Nucleotide Polymorphism Analysis to Select Conserved Regions for an Improved Real-Time Reverse Transcription-PCR Test Specific for Newcastle Disease Virus. *Avian Diseases*, **2019**, 63, 625-633	1.6	3
181	Isolation and Characterization of Newcastle Disease Virus from Live Bird Markets in Tanzania. *Avian Diseases*, **2019**, 63, 634-640	1.6	4
180	Efficacy of Two Licensed Avian Influenza H5 Vaccines Against Challenge with a 2015 U.S. H5N2 clade 2.3.4.4 Highly Pathogenic Avian Influenza Virus in Domestic Ducks. *Avian Diseases*, **2019**, 63, 90-96	1.6	3
179	Attenuation of highly pathogenic avian influenza A(H5N1) viruses in Indonesia following the reassortment and acquisition of genes from low pathogenicity avian influenza A virus progenitors. *Emerging Microbes and Infections*, **2018**, 7, 147	18.9	9
178	Rapid virulence prediction and identification of Newcastle disease virus genotypes using third-generation sequencing. *Virology Journal*, **2018**, 15, 179	6.1	13
177	First Genome Sequence of Newcastle Disease Virus of Genotype VIIi from Jordan. *Microbiology Resource Announcements*, **2018**, 7,	1.3	4
176	Characterization of a Feline Influenza A(H7N2) Virus. *Emerging Infectious Diseases*, **2018**, 24, 75-86	10.2	19
175	The Multifaceted Zoonotic Risk of H9N2 Avian Influenza. *Veterinary Sciences*, **2018**, 5,	2.4	42
174	Homologous and heterologous antigenic matched vaccines containing different H5 hemagglutinins provide variable protection of chickens from the 2014 U.S. H5N8 and H5N2 clade 2.3.4.4 highly pathogenic avian influenza viruses. *Vaccine*, **2017**, 35, 6345-6353	4.1	20
173	Complete Genome Sequences of Four Avian Paramyxoviruses of Serotype 10 Isolated from Rockhopper Penguins on the Falkland Islands. *Genome Announcements*, **2017**, 5,		5
172	First Detection of Avian Lineage H7N2 in. *Genome Announcements*, **2017**, 5,		6
171	Reassortment of Influenza A Viruses In Wild Birds in Alaska before H5 Clade 2.3.4.4 Outbreaks. *Emerging Infectious Diseases*, **2017**, 23, 654-657	10.2	27
170	Short- and long-term protective efficacy against clade 2.3.4.4 H5N2 highly pathogenic avian influenza virus following prime-boost vaccination in turkeys. *Vaccine*, **2017**, 35, 5637-5643	4.1	14

169	Protection of White Leghorn chickens by U.S. emergency H5 vaccination against clade 2.3.4.4 H5N2 high pathogenicity avian influenza virus. *Vaccine*, **2017**, 35, 6336-6344	4.1	25
168	Protection of commercial turkeys following inactivated or recombinant H5 vaccine application against the 2015U.S. H5N2 clade 2.3.4.4 highly pathogenic avian influenza virus. *Veterinary Immunology and Immunopathology*, **2017**, 191, 74-79	2	8
167	Pathobiology of Clade 2.3.4.4 H5Nx High-Pathogenicity Avian Influenza Virus Infections in Minor Gallinaceous Poultry Supports Early Backyard Flock Introductions in the Western United States in 2014-2015. *Journal of Virology*, **2017**, 91,	6.6	21
166	Use of Sequence-Independent, Single-Primer-Amplification (SISPA) for rapid detection, identification, and characterization of avian RNA viruses. *Virology*, **2017**, 509, 159-166	3.6	59
165	Recombinant viral-vectored vaccines for the control of avian influenza in poultry. *Veterinary Microbiology*, **2017**, 206, 144-151	3.3	33
164	Pathogenicity and Transmission of H5 and H7 Highly Pathogenic Avian Influenza Viruses in Mallards. *Journal of Virology*, **2016**, 90, 9967-9982	6.6	73
163	Changes in adaptation of H5N2 highly pathogenic avian influenza H5 clade 2.3.4.4 viruses in chickens and mallards. *Virology*, **2016**, 499, 52-64	3.6	42
162	Histopathologic Characterization and Shedding Dynamics of Guineafowl (Numida meleagris) Intravenously Infected with a H6N2 Low Pathogenicity Avian Influenza Virus. *Avian Diseases*, **2016**, 60, 279-85	1.6	1
161	Influenza A virus **2016**, 1-30		9
160	Diagnostics and surveillance methods **2016**, 31-44		1
159	H5N2 Highly Pathogenic Avian Influenza Viruses from the US 2014-2015 outbreak have an unusually long pre-clinical period in turkeys. *BMC Veterinary Research*, **2016**, 12, 260	2.7	38
158	Poultry vaccination directed evolution of H9N2 low pathogenicity avian influenza viruses in Korea. *Virology*, **2016**, 488, 225-31	3.6	34
157	H9N2 low pathogenic avian influenza in Pakistan (2012-2015). *Veterinary Record Open*, **2016**, 3, e000171	1.4	16
156	Lack of chicken adaptation of newly emergent Eurasian H5N8 and reassortant H5N2 high pathogenicity avian influenza viruses in the U.S. is consistent with restricted poultry outbreaks in the Pacific flyway during 2014-2015. *Virology*, **2016**, 494, 190-7	3.6	38
155	Susceptibility of swine to H5 and H7 low pathogenic avian influenza viruses. *Influenza and Other Respiratory Viruses*, **2016**, 10, 346-52	5.6	12
154	Antibody titer has positive predictive value for vaccine protection against challenge with natural antigenic-drift variants of H5N1 high-pathogenicity avian influenza viruses from Indonesia. *Journal of Virology*, **2015**, 89, 3746-62	6.6	59
153	Previous infection with virulent strains of Newcastle disease virus reduces highly pathogenic avian influenza virus replication, disease, and mortality in chickens. *Veterinary Research*, **2015**, 46, 97	3.8	18
152	International Biological Engagement Programs Facilitate Newcastle Disease Epidemiological Studies. *Frontiers in Public Health*, **2015**, 3, 235	6	21

151	Impact of route of exposure and challenge dose on the pathogenesis of H7N9 low pathogenicity avian influenza virus in chickens. *Virology*, **2015**, 477, 72-81	3.6	26
150	Sequencing artifacts in the type A influenza databases and attempts to correct them. *Influenza and Other Respiratory Viruses*, **2014**, 8, 499-505	5.6	3
149	Improving pandemic influenza risk assessment. *ELife*, **2014**, 3, e03883	8.9	45
148	Potency, efficacy, and antigenic mapping of H7 avian influenza virus vaccines against the 2012 H7N3 highly pathogenic avian influenza virus from Mexico. *Avian Diseases*, **2014**, 58, 359-66	1.6	9
147	Variation in protection of four divergent avian influenza virus vaccine seed strains against eight clade 2.2.1 and 2.2.1.1. Egyptian H5N1 high pathogenicity variants in poultry. *Influenza and Other Respiratory Viruses*, **2014**, 8, 654-62	5.6	14
146	Role of poultry in the spread of novel H7N9 influenza virus in China. *Journal of Virology*, **2014**, 88, 5381-90	6	117
145	Vaccination of domestic ducks against H5N1 HPAI: a review. *Virus Research*, **2013**, 178, 21-34	6.4	28
144	Suboptimal protection against H5N1 highly pathogenic avian influenza viruses from Vietnam in ducks vaccinated with commercial poultry vaccines. *Vaccine*, **2013**, 31, 4953-60	4.1	31
143	Characteristics of pigeon paramyxovirus serotype-1 isolates (PPMV-1) from the Russian Federation from 2001 to 2009. *Avian Diseases*, **2013**, 57, 2-7	1.6	28
142	Passive antibody transfer in chickens to model maternal antibody after avian influenza vaccination. *Veterinary Immunology and Immunopathology*, **2013**, 152, 341-7	2	31
141	Characterization of the 2012 highly pathogenic avian influenza H7N3 virus isolated from poultry in an outbreak in Mexico: pathobiology and vaccine protection. *Journal of Virology*, **2013**, 87, 9086-96	6.6	53
140	Influenza research database: an integrated bioinformatics resource for influenza research and surveillance. *Influenza and Other Respiratory Viruses*, **2012**, 6, 404-16	5.6	239
139	DIVA vaccination strategies for avian influenza virus. *Avian Diseases*, **2012**, 56, 836-44	1.6	34
138	Differences in pathogenicity, response to vaccination, and innate immune responses in different types of ducks infected with a virulent H5N1 highly pathogenic avian influenza virus from Vietnam. *Avian Diseases*, **2012**, 56, 479-87	1.6	40
137	Vaccination and acute phase mediator production in chickens challenged with low pathogenic avian influenza virus; novel markers for vaccine efficacy?. *Vaccine*, **2012**, 30, 3097-105	4.1	21
136	Pekin and Muscovy ducks respond differently to vaccination with a H5N1 highly pathogenic avian influenza (HPAI) commercial inactivated vaccine. *Vaccine*, **2011**, 29, 6549-57	4.1	58
135	Development of DIVA (differentiation of infected from vaccinated animals) vaccines utilizing heterologous NA and NS1 protein strategies for the control of triple reassortant H3N2 influenza in turkeys. *Vaccine*, **2011**, 29, 7966-74	4.1	5
134	Pathogenicity of two Egyptian H5N1 highly pathogenic avian influenza viruses in domestic ducks. *Archives of Virology*, **2011**, 156, 37-51	2.6	27

133	Association of Mx1 Asn631 variant alleles with reductions in morbidity, early mortality, viral shedding, and cytokine responses in chickens infected with a highly pathogenic avian influenza virus. *Immunogenetics*, **2011**, 63, 363-75	3.2	36
132	Avian influenza mucosal vaccination in chickens with replication-defective recombinant adenovirus vaccine. *Avian Diseases*, **2011**, 55, 43-7	1.6	10
131	Avian influenza in ovo vaccination with replication defective recombinant adenovirus in chickens: vaccine potency, antibody persistence, and maternal antibody transfer. *Avian Diseases*, **2011**, 55, 285-92	1.6	14
130	Virulent Newcastle disease virus elicits a strong innate immune response in chickens. *Journal of General Virology*, **2011**, 92, 931-9	4.9	106
129	Pandemic H1N1 influenza virus in Chilean commercial turkeys with genetic and serologic comparisons to U.S. H1N1 avian influenza vaccine isolates. *Avian Diseases*, **2011**, 55, 633-41	1.6	5
128	Real time reverse transcription (RRT)-polymerase chain reaction (PCR) methods for detection of pandemic (H1N1) 2009 influenza virus and European swine influenza A virus infections in pigs. *Influenza and Other Respiratory Viruses*, **2010**, 4, 277-93	5.6	79
127	Avian influenza: our current understanding. *Animal Health Research Reviews*, **2010**, 11, 19-33	2.1	40
126	Susceptibility of turkeys to pandemic-H1N1 virus by reproductive tract insemination. *Virology Journal*, **2010**, 7, 27	6.1	40
125	Efficacy of commercial vaccines in protecting chickens and ducks against H5N1 highly pathogenic avian influenza viruses from Vietnam. *Avian Diseases*, **2010**, 54, 262-71	1.6	39
124	Development and evaluation of an avian influenza, neuraminidase subtype 1, indirect enzyme-linked immunosorbent assay for poultry using the differentiation of infected from vaccinated animals control strategy. *Avian Diseases*, **2010**, 54, 613-21	1.6	7
123	Biologic characterization of chicken-derived H6N2 low pathogenic avian influenza viruses in chickens and ducks. *Avian Diseases*, **2010**, 54, 120-5	1.6	18
122	Rapid detection of Eurasian and American H7 subtype influenza A viruses using a single TaqManMGB real-time RT-PCR. *Avian Diseases*, **2010**, 54, 632-8	1.6	4
121	New approach to delist highly pathogenic avian influenza viruses from BSL3+ Select Agents to BSL2 non-select status for diagnostics and vaccines. *Avian Diseases*, **2010**, 54, 302-6	1.6	8
120	Differentiation of infected and vaccinated animals (DIVA) using the NS1 protein of avian influenza virus. *Avian Diseases*, **2010**, 54, 278-86	1.6	22
119	Evolution of highly pathogenic avian influenza H5N1 virus in natural ecosystems of northern Eurasia (2005-08). *Avian Diseases*, **2010**, 54, 483-95	1.6	29
118	Phylogenetic analysis of hemagglutinin and neuraminidase genes of highly pathogenic avian influenza H5N1 Egyptian strains isolated from 2006 to 2008 indicates heterogeneity with multiple distinct sublineages. *Avian Diseases*, **2010**, 54, 345-9	1.6	50
117	A heterologous neuraminidase subtype strategy for the differentiation of infected and vaccinated animals (DIVA) for avian influenza virus using an alternative neuraminidase inhibition test. *Avian Diseases*, **2010**, 54, 272-7	1.6	9
116	Pathobiological characterization of low-pathogenicity H5 avian influenza viruses of diverse origins in chickens, ducks and turkeys. *Archives of Virology*, **2010**, 155, 1439-51	2.6	29

115	Susceptibility of poultry to pandemic (H1N1) 2009 Virus. *Emerging Infectious Diseases*, **2009**, 15, 2061-3	10.2	30
114	An evaluation of avian influenza diagnostic methods with domestic duck specimens. *Avian Diseases*, **2009**, 53, 276-80	1.6	35
113	Removal of real-time reverse transcription polymerase chain reaction (RT-PCR) inhibitors associated with cloacal swab samples and tissues for improved diagnosis of Avian influenza virus by RT-PCR. *Journal of Veterinary Diagnostic Investigation*, **2009**, 21, 771-8	1.5	100
112	Pathobiology of triple reassortant H3N2 influenza viruses in breeder turkeys and its potential implication for vaccine studies in turkeys. *Vaccine*, **2009**, 27, 819-24	4.1	24
111	Comparative efficacy of North American and antigenically matched reverse genetics derived H5N9 DIVA marker vaccines against highly pathogenic Asian H5N1 avian influenza viruses in chickens. *Vaccine*, **2009**, 27, 6247-60	4.1	15
110	Phylogenetic and biological characterization of highly pathogenic H5N1 avian influenza viruses (Vietnam 2005) in chickens and ducks. *Virus Research*, **2009**, 142, 108-20	6.4	40
109	Influenza neuraminidase as a vaccine antigen. *Current Topics in Microbiology and Immunology*, **2009**, 333, 227-41	3.3	47
108	Characterization of low pathogenicity avian influenza viruses isolated from wild birds in Mongolia 2005 through 2007. *Virology Journal*, **2009**, 6, 190	6.1	20
107	Comparison of viral shedding following vaccination with inactivated and live Newcastle disease vaccines formulated with wild-type and recombinant viruses. *Avian Diseases*, **2009**, 53, 39-49	1.6	111
106	Biologic characterization of H4, H6, and H9 type low pathogenicity avian influenza viruses from wild birds in chickens and turkeys. *Avian Diseases*, **2009**, 53, 552-62	1.6	31
105	Pathogenicity and transmission studies of H5N2 parrot avian influenza virus of Mexican lineage in different poultry species. *Veterinary Microbiology*, **2008**, 129, 48-57	3.3	16
104	Evaluation of chicken-origin (DF-1) and quail-origin (QT-6) fibroblast cell lines for replication of avian influenza viruses. *Journal of Virological Methods*, **2008**, 153, 22-8	2.6	45
103	Detection and identification of the H5 hemagglutinin subtype by real-time RT-PCR. *Methods in Molecular Biology*, **2008**, 436, 27-33	1.4	5
102	Genetic and antigenic relatedness of H3 subtype influenza A viruses isolated from avian and mammalian species. *Vaccine*, **2008**, 26, 966-77	4.1	29
101	Protection of chickens against avian influenza with non-replicating adenovirus-vectored vaccine. *Vaccine*, **2008**, 26, 2640-6	4.1	40
100	Characterization of influenza virus variants with different sizes of the non-structural (NS) genes and their potential as a live influenza vaccine in poultry. *Vaccine*, **2008**, 26, 3580-6	4.1	58
99	Detection of a broad range of class I and II Newcastle disease viruses using a multiplex real-time reverse transcription polymerase chain reaction assay. *Journal of Veterinary Diagnostic Investigation* , **2008**, 20, 414-25	1.5	58
98	NP, PB1, and PB2 viral genes contribute to altered replication of H5N1 avian influenza viruses in chickens. *Journal of Virology*, **2008**, 82, 4544-53	6.6	63

97	Detection of H5N1 high-pathogenicity avian influenza virus in meat and tracheal samples from experimentally infected chickens. *Avian Diseases*, **2008**, 52, 40-8	1.6	44
96	Domestic pigs have low susceptibility to H5N1 highly pathogenic avian influenza viruses. *PLoS Pathogens*, **2008**, 4, e1000102	7.6	102
95	Analytical validation of a real-time reverse transcription polymerase chain reaction test for Pan-American lineage H7 subtype Avian influenza viruses. *Journal of Veterinary Diagnostic Investigation*, **2008**, 20, 612-6	1.5	31
94	Phylogenetics and pathogenesis of early avian influenza viruses (H5N1), Nigeria. *Emerging Infectious Diseases*, **2008**, 14, 1753-5	10.2	10
93	Reverse genetics of the avian influenza virus. *Methods in Molecular Biology*, **2008**, 436, 99-111	1.4	7
92	Avian influenza virus RNA extraction from tissue and swab material. *Methods in Molecular Biology*, **2008**, 436, 13-8	1.4	16
91	Type A influenza virus detection and quantitation by real-time RT-PCR. *Methods in Molecular Biology*, **2008**, 436, 19-26	1.4	71
90	Review of rapid molecular diagnostic tools for avian influenza virus. *Avian Diseases*, **2007**, 51, 201-8	1.6	63
89	Phylogenetic diversity among low-virulence newcastle disease viruses from waterfowl and shorebirds and comparison of genotype distributions to those of poultry-origin isolates. *Journal of Virology*, **2007**, 81, 12641-53	6.6	177
88	Movements of birds and avian influenza from Asia into Alaska. *Emerging Infectious Diseases*, **2007**, 13, 547-52	10.2	86
87	Detection of avian influenza virus using an interferometric biosensor. *Analytical and Bioanalytical Chemistry*, **2007**, 389, 1193-9	4.4	79
86	Amelioration of influenza virus pathogenesis in chickens attributed to the enhanced interferon-inducing capacity of a virus with a truncated NS1 gene. *Journal of Virology*, **2007**, 81, 1838-47	6.6	76
85	Development and bench validation of real-time reverse transcription polymerase chain reaction protocols for rapid detection of the subtypes H6, H9, and H11 of avian influenza viruses in experimental samples. *Journal of Veterinary Diagnostic Investigation*, **2007**, 19, 625-34	1.5	17
84	Characterization of class I Newcastle disease virus isolates from Hong Kong live bird markets and detection using real-time reverse transcription-PCR. *Journal of Clinical Microbiology*, **2007**, 45, 1310-4	9.7	108
83	Characteristics of diagnostic tests used in the 2002 low-pathogenicity avian influenza H7N2 outbreak in Virginia. *Journal of Veterinary Diagnostic Investigation*, **2007**, 19, 341-8	1.5	21
82	Characterization of low-pathogenicity H5N1 avian influenza viruses from North America. *Journal of Virology*, **2007**, 81, 11612-9	6.6	49
81	Isolation and genetic characterization of avian influenza viruses and a Newcastle disease virus from wild birds in Barbados: 2003-2004. *Avian Diseases*, **2007**, 51, 781-7	1.6	21
80	Protective avian influenza in ovo vaccination with non-replicating human adenovirus vector. *Vaccine* , **2007**, 25, 2886-91	4.1	71

79	Influenza neuraminidase antibodies provide partial protection for chickens against high pathogenic avian influenza infection. *Vaccine*, **2007**, 25, 3763-72	4.1	59
78	Antigenic differences among Newcastle disease virus strains of different genotypes used in vaccine formulation affect viral shedding after a virulent challenge. *Vaccine*, **2007**, 25, 7238-46	4.1	179
77	Age at infection affects the pathogenicity of Asian highly pathogenic avian influenza H5N1 viruses in ducks. *Virus Research*, **2007**, 130, 151-61	6.4	97
76	Pathogenic potential of North American H7N2 avian influenza virus: a mutagenesis study using reverse genetics. *Virology*, **2006**, 353, 388-95	3.6	41
75	Avian influenza A virus subtype H5N2 in a red-lored Amazon parrot. *Journal of the American Veterinary Medical Association*, **2006**, 228, 236-41	1	23
74	Development and application of reference antisera against 15 hemagglutinin subtypes of influenza virus by DNA vaccination of chickens. *Vaccine Journal*, **2006**, 13, 395-402		49
73	Development and validation of a real-time Taqman polymerase chain reaction assay for the detection of Mycoplasma gallisepticum in naturally infected birds. *Avian Diseases*, **2006**, 50, 537-44	1.6	33
72	Effect of probe-site mismatches on detection of virulent Newcastle disease viruses using a fusion-gene real-time reverse transcription polymerase chain reaction test. *Journal of Veterinary Diagnostic Investigation*, **2006**, 18, 519-28	1.5	41
71	Development of an internal positive control for rapid diagnosis of avian influenza virus infections by real-time reverse transcription-PCR with lyophilized reagents. *Journal of Clinical Microbiology*, **2006**, 44, 3065-73	9.7	72
70	Susceptibility of North American ducks and gulls to H5N1 highly pathogenic avian influenza viruses. *Emerging Infectious Diseases*, **2006**, 12, 1663-70	10.2	224
69	Influenza a virus surveillance of migratory waterfowl in Barbados, West Indies. *Annals of the New York Academy of Sciences*, **2006**, 1081, 169-70	6.5	1
68	Development and use of fowlpox vectored vaccines for avian influenza. *Annals of the New York Academy of Sciences*, **2006**, 1081, 193-201	6.5	87
67	Isolation and characterization of H3N2 influenza A virus from turkeys. *Avian Diseases*, **2005**, 49, 207-13	1.6	66
66	Phylogenetic analyses of type A influenza genes in natural reservoir species in North America reveals genetic variation. *Virus Research*, **2005**, 114, 89-100	6.4	92
65	Overview of avian influenza DIVA test strategies. *Biologicals*, **2005**, 33, 221-6	1.8	79
64	H5N2 avian influenza outbreak in Texas in 2004: the first highly pathogenic strain in the United States in 20 years?. *Journal of Virology*, **2005**, 79, 11412-21	6.6	82
63	Diagnostic approach for differentiating infected from vaccinated poultry on the basis of antibodies to NS1, the nonstructural protein of influenza A virus. *Journal of Clinical Microbiology*, **2005**, 43, 676-83	9.7	83
62	Use of a novel virus inactivation method for a multicenter avian influenza real-time reverse transcriptase-polymerase chain reaction proficiency study. *Journal of Veterinary Diagnostic Investigation*, **2005**, 17, 76-80	1.5	22

61	Avian influenza virus: prospects for prevention and control by vaccination. *Animal Health Research Reviews*, **2005**, 6, 1-15	2.1	53
60	Characterization of highly pathogenic H5N1 avian influenza A viruses isolated from South Korea. *Journal of Virology*, **2005**, 79, 3692-702	6.6	165
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