

# David E Swayne

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1183559/david-e-swayne-publications-by-citations.pdf>

**Version:** 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

324  
papers

17,224  
citations

69  
h-index

120  
g-index

339  
ext. papers

19,114  
ext. citations

5.3  
avg, IF

6.75  
L-index

#	Paper	IF	Citations
324	Characterization of an avian influenza A (H5N1) virus isolated from a child with a fatal respiratory illness. <i>Science</i> , <b>1998</b> , 279, 393-6	33.3	1120
323	Characterization of the reconstructed 1918 Spanish influenza pandemic virus. <i>Science</i> , <b>2005</b> , 310, 77-80	33.3	926
322	A two-amino acid change in the hemagglutinin of the 1918 influenza virus abolishes transmission. <i>Science</i> , <b>2007</b> , 315, 655-9	33.3	455
321	Genomic analysis of increased host immune and cell death responses induced by 1918 influenza virus. <i>Nature</i> , <b>2006</b> , 443, 578-81	50.4	450
320	Pathogenicity of influenza viruses with genes from the 1918 pandemic virus: functional roles of alveolar macrophages and neutrophils in limiting virus replication and mortality in mice. <i>Journal of Virology</i> , <b>2005</b> , 79, 14933-44	6.6	402
319	The evolutionary genetics and emergence of avian influenza viruses in wild birds. <i>PLoS Pathogens</i> , <b>2008</b> , 4, e1000076	7.6	291
318	Comparisons of highly virulent H5N1 influenza A viruses isolated from humans and chickens from Hong Kong. <i>Journal of Virology</i> , <b>1998</b> , 72, 6678-88	6.6	278
317	Role for migratory wild birds in the global spread of avian influenza H5N8. <i>Science</i> , <b>2016</b> , 354, 213-217	33.3	252
316	Intercontinental Spread of Asian-Origin H5N8 to North America through Beringia by Migratory Birds. <i>Journal of Virology</i> , <b>2015</b> , 89, 6521-4	6.6	246
315	Live, attenuated influenza A H5N1 candidate vaccines provide broad cross-protection in mice and ferrets. <i>PLoS Medicine</i> , <b>2006</b> , 3, e360	11.6	237
314	Persistence of H5 and H7 avian influenza viruses in water. <i>Avian Diseases</i> , <b>2007</b> , 51, 285-9	1.6	236
313	Sequence of the 1918 pandemic influenza virus nonstructural gene (NS) segment and characterization of recombinant viruses bearing the 1918 NS genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 2746-51	11.5	229
312	Evaluation of a genetically modified reassortant H5N1 influenza A virus vaccine candidate generated by plasmid-based reverse genetics. <i>Virology</i> , <b>2003</b> , 305, 192-200	3.6	228
311	Protection of mice and poultry from lethal H5N1 avian influenza virus through adenovirus-based immunization. <i>Journal of Virology</i> , <b>2006</b> , 80, 1959-64	6.6	226
310	Susceptibility of North American ducks and gulls to H5N1 highly pathogenic avian influenza viruses. <i>Emerging Infectious Diseases</i> , <b>2006</b> , 12, 1663-70	10.2	224
309	Development and evaluation of a real-time Taqman RT-PCR assay for the detection of infectious bronchitis virus from infected chickens. <i>Journal of Virological Methods</i> , <b>2006</b> , 138, 60-5	2.6	211
308	Pathobiology of A/chicken/Hong Kong/220/97 (H5N1) avian influenza virus in seven gallinaceous species. <i>Veterinary Pathology</i> , <b>2001</b> , 38, 149-64	2.8	210

307	Pathogenicity of a Hong Kong-origin H5N1 highly pathogenic avian influenza virus for emus, geese, ducks, and pigeons. <i>Avian Diseases</i> , <b>2002</b> , 46, 53-63	1.6	192
306	Neuraminidase stalk length and additional glycosylation of the hemagglutinin influence the virulence of influenza H5N1 viruses for mice. <i>Journal of Virology</i> , <b>2009</b> , 83, 4704-8	6.6	180
305	Engineered viral vaccine constructs with dual specificity: avian influenza and Newcastle disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 8203-8	11.5	179
304	Phylogenetic diversity among low-virulence newcastle disease viruses from waterfowl and shorebirds and comparison of genotype distributions to those of poultry-origin isolates. <i>Journal of Virology</i> , <b>2007</b> , 81, 12641-53	6.6	177
303	Characterization of highly pathogenic H5N1 avian influenza A viruses isolated from South Korea. <i>Journal of Virology</i> , <b>2005</b> , 79, 3692-702	6.6	165
302	Isolation and characterization of avian influenza viruses, including highly pathogenic H5N1, from poultry in live bird markets in Hanoi, Vietnam, in 2001. <i>Journal of Virology</i> , <b>2005</b> , 79, 4201-12	6.6	164
301	Evolution, global spread, and pathogenicity of highly pathogenic avian influenza H5Nx clade 2.3.4.4. <i>Journal of Veterinary Science</i> , <b>2017</b> , 18, 269-280	1.6	163
300	Pathogenicity and immunogenicity of influenza viruses with genes from the 1918 pandemic virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 3166-71	11.5	157
299	Experimental infection of swans and geese with highly pathogenic avian influenza virus (H5N1) of Asian lineage. <i>Emerging Infectious Diseases</i> , <b>2008</b> , 14, 136-42	10.2	153
298	Global host immune response: pathogenesis and transcriptional profiling of type A influenza viruses expressing the hemagglutinin and neuraminidase genes from the 1918 pandemic virus. <i>Journal of Virology</i> , <b>2004</b> , 78, 9499-511	6.6	148
297	Characterization of a highly pathogenic H5N1 avian influenza A virus isolated from duck meat. <i>Journal of Virology</i> , <b>2002</b> , 76, 6344-55	6.6	141
296	Understanding the complex pathobiology of high pathogenicity avian influenza viruses in birds. <i>Avian Diseases</i> , <b>2007</b> , 51, 242-9	1.6	140
295	Continued circulation in China of highly pathogenic avian influenza viruses encoding the hemagglutinin gene associated with the 1997 H5N1 outbreak in poultry and humans. <i>Journal of Virology</i> , <b>2000</b> , 74, 6592-9	6.6	136
294	Impact of vaccines and vaccination on global control of avian influenza. <i>Avian Diseases</i> , <b>2012</b> , 56, 818-28	1.6	134
293	Protection against diverse highly pathogenic H5 avian influenza viruses in chickens immunized with a recombinant fowlpox vaccine containing an H5 avian influenza hemagglutinin gene insert. <i>Vaccine</i> , <b>2000</b> , 18, 1088-95	4.1	128
292	Role of poultry in the spread of novel H7N9 influenza virus in China. <i>Journal of Virology</i> , <b>2014</b> , 88, 5381-90	6.6	117
291	Pathobiology of Asian highly pathogenic avian influenza H5N1 virus infections in ducks. <i>Avian Diseases</i> , <b>2007</b> , 51, 250-9	1.6	116
290	Highly Pathogenic Avian Influenza Viruses and Generation of Novel Reassortants, United States, 2014-2015. <i>Emerging Infectious Diseases</i> , <b>2016</b> , 22, 1283-5	10.2	110

289	Public health risk from avian influenza viruses. <i>Avian Diseases</i> , <b>2005</b> , 49, 317-27	1.6	108
288	Existing antivirals are effective against influenza viruses with genes from the 1918 pandemic virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 13849-54	11.5	108
287	Distinct pathogenesis of hong kong-origin H5N1 viruses in mice compared to that of other highly pathogenic H5 avian influenza viruses. <i>Journal of Virology</i> , <b>2000</b> , 74, 1443-50	6.6	108
286	Lethal dissemination of H5N1 influenza virus is associated with dysregulation of inflammation and lipoxin signaling in a mouse model of infection. <i>Journal of Virology</i> , <b>2010</b> , 84, 7613-24	6.6	106
285	Pathogenesis of pandemic influenza A (H1N1) and triple-reassortant swine influenza A (H1) viruses in mice. <i>Journal of Virology</i> , <b>2010</b> , 84, 4194-203	6.6	103
284	Influence of virus strain and antigen mass on efficacy of H5 avian influenza inactivated vaccines. <i>Avian Pathology</i> , <b>1999</b> , 28, 245-55	2.4	103
283	Domestic pigs have low susceptibility to H5N1 highly pathogenic avian influenza viruses. <i>PLoS Pathogens</i> , <b>2008</b> , 4, e1000102	7.6	102
282	Comparative susceptibility of chickens and turkeys to avian influenza A H7N2 virus infection and protective efficacy of a commercial avian influenza H7N2 virus vaccine. <i>Avian Diseases</i> , <b>2004</b> , 48, 167-76	1.6	101
281	Evidence for a new avian paramyxovirus serotype 10 detected in rockhopper penguins from the Falkland Islands. <i>Journal of Virology</i> , <b>2010</b> , 84, 11496-504	6.6	98
280	Age at infection affects the pathogenicity of Asian highly pathogenic avian influenza H5N1 viruses in ducks. <i>Virus Research</i> , <b>2007</b> , 130, 151-61	6.4	97
279	Phylogenetic analyses of type A influenza genes in natural reservoir species in North America reveals genetic variation. <i>Virus Research</i> , <b>2005</b> , 114, 89-100	6.4	92
278	Experimental study to determine if low-pathogenicity and high-pathogenicity avian influenza viruses can be present in chicken breast and thigh meat following intranasal virus inoculation. <i>Avian Diseases</i> , <b>2005</b> , 49, 81-5	1.6	92
277	Failure of a Recombinant Fowl Poxvirus Vaccine Containing an Avian Influenza Hemagglutinin Gene to Provide Consistent Protection against Influenza in Chickens Preimmunized with a Fowl Pox Vaccine. <i>Avian Diseases</i> , <b>2000</b> , 44, 132	1.6	92
276	Strategies and challenges for eliciting immunity against avian influenza virus in birds. <i>Immunological Reviews</i> , <b>2008</b> , 225, 314-31	11.3	89
275	Novel Reassortant Clade 2.3.4.4 Avian Influenza A(H5N8) Virus in Wild Aquatic Birds, Russia, 2016. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23, 359-360	10.2	88
274	Is the occurrence of avian influenza virus in Charadriiformes species and location dependent?. <i>Journal of Wildlife Diseases</i> , <b>2008</b> , 44, 351-61	1.3	87
273	Development and use of fowlpox vectored vaccines for avian influenza. <i>Annals of the New York Academy of Sciences</i> , <b>2006</b> , 1081, 193-201	6.5	87
272	Movements of birds and avian influenza from Asia into Alaska. <i>Emerging Infectious Diseases</i> , <b>2007</b> , 13, 547-52	10.2	86

271	Vaccines protect chickens against H5 highly pathogenic avian influenza in the face of genetic changes in field viruses over multiple years. <i>Veterinary Microbiology</i> , <b>2000</b> , 74, 165-72	3.3	86
270	Inactivated North American and European H5N2 avian influenza virus vaccines protect chickens from Asian H5N1 high pathogenicity avian influenza virus. <i>Avian Pathology</i> , <b>2006</b> , 35, 141-6	2.4	84
269	Pathobiology of H5N2 Mexican avian influenza virus infections of chickens. <i>Veterinary Pathology</i> , <b>1997</b> , 34, 557-67	2.8	83
268	Diagnostic approach for differentiating infected from vaccinated poultry on the basis of antibodies to NS1, the nonstructural protein of influenza A virus. <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 676-83	9.7	83
267	H5N2 avian influenza outbreak in Texas in 2004: the first highly pathogenic strain in the United States in 20 years?. <i>Journal of Virology</i> , <b>2005</b> , 79, 11412-21	6.6	82
266	Early control of H5N1 influenza virus replication by the type I interferon response in mice. <i>Journal of Virology</i> , <b>2009</b> , 83, 5825-34	6.6	81
265	Comparative pathology of select agent influenza a virus infections. <i>Veterinary Pathology</i> , <b>2010</b> , 47, 893-914	2.4	80
264	Pathogenesis of 1918 pandemic and H5N1 influenza virus infections in a guinea pig model: antiviral potential of exogenous alpha interferon to reduce virus shedding. <i>Journal of Virology</i> , <b>2009</b> , 83, 2851-61	6.6	80
263	Using mean infectious dose of high- and low-pathogenicity avian influenza viruses originating from wild duck and poultry as one measure of infectivity and adaptation to poultry. <i>Avian Diseases</i> , <b>2008</b> , 52, 455-60	1.6	80
262	Heat inactivation of avian influenza and Newcastle disease viruses in egg products. <i>Avian Pathology</i> , <b>2004</b> , 33, 512-8	2.4	80
261	Varied pathogenicity of a Hong Kong-origin H5N1 avian influenza virus in four passerine species and budgerigars. <i>Veterinary Pathology</i> , <b>2003</b> , 40, 14-24	2.8	79
260	Influenza-A viruses in ducks in northwestern Minnesota: fine scale spatial and temporal variation in prevalence and subtype diversity. <i>PLoS ONE</i> , <b>2011</b> , 6, e24010	3.7	77
259	Avian influenza vaccines and therapies for poultry. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , <b>2009</b> , 32, 351-63	2.6	76
258	Amelioration of influenza virus pathogenesis in chickens attributed to the enhanced interferon-inducing capacity of a virus with a truncated NS1 gene. <i>Journal of Virology</i> , <b>2007</b> , 81, 1838-47	6.6	76
257	Efficacy of Vaccines in Chickens against Highly Pathogenic Hong Kong H5N1 Avian Influenza. <i>Avian Diseases</i> , <b>2001</b> , 45, 355	1.6	75
256	Pathogenicity and Transmission of H5 and H7 Highly Pathogenic Avian Influenza Viruses in Mallards. <i>Journal of Virology</i> , <b>2016</b> , 90, 9967-9982	6.6	73
255	A live attenuated cold-adapted influenza A H7N3 virus vaccine provides protection against homologous and heterologous H7 viruses in mice and ferrets. <i>Virology</i> , <b>2008</b> , 378, 123-32	3.6	69
254	Avian influenza and Newcastle disease. <i>Journal of the American Veterinary Medical Association</i> , <b>2003</b> , 222, 1534-40	1	67

253	Fatal Encephalitis and Myocarditis in Young Domestic Geese ( <i>Anser anser domesticus</i> ) Caused by West Nile Virus. <i>Emerging Infectious Diseases</i> , <b>2001</b> , 7, 751-753	10.2	67
252	Avian influenza viruses and paramyxoviruses in wintering and resident ducks in Texas. <i>Journal of Wildlife Diseases</i> , <b>2005</b> , 41, 624-8	1.3	64
251	Evaluation of a commercial blocking enzyme-linked immunosorbent assay to detect avian influenza virus antibodies in multiple experimentally infected avian species. <i>Vaccine Journal</i> , <b>2009</b> , 16, 824-9		63
250	Evolution of H5 subtype avian influenza A viruses in North America. <i>Virus Research</i> , <b>1997</b> , 51, 115-24	6.4	63
249	Chimeric West Nile/dengue virus vaccine candidate: preclinical evaluation in mice, geese and monkeys for safety and immunogenicity. <i>Vaccine</i> , <b>2006</b> , 24, 6392-404	4.1	63
248	Principles for vaccine protection in chickens and domestic waterfowl against avian influenza: emphasis on Asian H5N1 high pathogenicity avian influenza. <i>Annals of the New York Academy of Sciences</i> , <b>2006</b> , 1081, 174-81	6.5	62
247	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. <i>Journal of Virology</i> , <b>2015</b> , 89, 3746-62	6.6	59
246	Generation and characterization of a cold-adapted influenza A H9N2 reassortant as a live pandemic influenza virus vaccine candidate. <i>Vaccine</i> , <b>2003</b> , 21, 4430-6	4.1	59
245	Efficacy of Recombinant Fowl Poxvirus Vaccine in Protecting Chickens against a Highly Pathogenic Mexican-Origin H5N2 Avian Influenza Virus. <i>Avian Diseases</i> , <b>1997</b> , 41, 910	1.6	58
244	Infectious Bronchitis <b>2013</b> , 139-159		57
243	Pathogenesis of H5N1 influenza virus infections in mice and ferret models differs according to respiratory tract or digestive system exposure. <i>Journal of Infectious Diseases</i> , <b>2009</b> , 199, 717-25	7	56
242	H7N3 avian influenza virus found in a South American wild duck is related to the Chilean 2002 poultry outbreak, contains genes from equine and North American wild bird lineages, and is adapted to domestic turkeys. <i>Journal of Virology</i> , <b>2006</b> , 80, 7760-4	6.6	55
241	Infectivity, transmission and pathogenicity of H5 highly pathogenic avian influenza clade 2.3.4.4 (H5N8 and H5N2) United States index viruses in Pekin ducks and Chinese geese. <i>Veterinary Research</i> , <b>2017</b> , 48, 33	3.8	53
240	Characterization of the 2012 highly pathogenic avian influenza H7N3 virus isolated from poultry in an outbreak in Mexico: pathobiology and vaccine protection. <i>Journal of Virology</i> , <b>2013</b> , 87, 9086-96	6.6	53
239	Genomic profiling of tumor necrosis factor alpha (TNF-alpha) receptor and interleukin-1 receptor knockout mice reveals a link between TNF-alpha signaling and increased severity of 1918 pandemic influenza virus infection. <i>Journal of Virology</i> , <b>2010</b> , 84, 12576-88	6.6	53
238	Efficacy of a fowlpox-vectored avian influenza H5 vaccine against Asian H5N1 highly pathogenic avian influenza virus challenge. <i>Avian Diseases</i> , <b>2007</b> , 51, 498-500	1.6	53
237	Infectious and lethal doses of H5N1 highly pathogenic avian influenza virus for house sparrows ( <i>Passer domesticus</i> ) and rock pigeons ( <i>Columba livia</i> ). <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2009</b> , 21, 437-45	1.5	51
236	Virus interference between H7N2 low pathogenic avian influenza virus and lentogenic Newcastle disease virus in experimental co-infections in chickens and turkeys. <i>Veterinary Research</i> , <b>2014</b> , 45, 1	3.8	50

235	Pause on avian flu transmission research. <i>Science</i> , <b>2012</b> , 335, 400-1	33.3	50
234	Colibacillosis <b>2013</b> , 751-805		49
233	Characterization of low-pathogenicity H5N1 avian influenza viruses from North America. <i>Journal of Virology</i> , <b>2007</b> , 81, 11612-9	6.6	49
232	Generation and evaluation of a high-growth reassortant H9N2 influenza A virus as a pandemic vaccine candidate. <i>Vaccine</i> , <b>2003</b> , 21, 1974-9	4.1	49
231	A live attenuated H7N7 candidate vaccine virus induces neutralizing antibody that confers protection from challenge in mice, ferrets, and monkeys. <i>Journal of Virology</i> , <b>2010</b> , 84, 11950-60	6.6	48
230	Outbreaks of highly pathogenic avian influenza (H5N2) in Italy during October 1997 to January 1998. <i>Avian Pathology</i> , <b>1999</b> , 28, 455-60	2.4	48
229	H7 avian influenza virus vaccines protect chickens against challenge with antigenically diverse isolates. <i>Vaccine</i> , <b>2011</b> , 29, 7424-9	4.1	47
228	Effect of species, breed and route of virus inoculation on the pathogenicity of H5N1 highly pathogenic influenza (HPAI) viruses in domestic ducks. <i>Veterinary Research</i> , <b>2013</b> , 44, 62	3.8	46
227	Avian influenza: public health and food safety concerns. <i>Annual Review of Food Science and Technology</i> , <b>2011</b> , 2, 37-57	14.7	45
226	Evaluation and attempted optimization of avian embryos and cell culture methods for efficient isolation and propagation of low pathogenicity avian influenza viruses. <i>Avian Diseases</i> , <b>2010</b> , 54, 622-6	1.6	45
225	Thermal inactivation of H5N1 high pathogenicity avian influenza virus in naturally infected chicken meat. <i>Journal of Food Protection</i> , <b>2007</b> , 70, 674-80	2.5	45
224	Association of Cecal Spirochetes with Pasty Vents and Dirty Eggshells in Layers. <i>Avian Diseases</i> , <b>1992</b> , 36, 776	1.6	45
223	Success factors for avian influenza vaccine use in poultry and potential impact at the wild bird-agricultural interface. <i>EcoHealth</i> , <b>2014</b> , 11, 94-108	3.1	44
222	Filter-feeding bivalves can remove avian influenza viruses from water and reduce infectivity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2009</b> , 276, 3727-35	4.4	44
221	Detection of H5N1 high-pathogenicity avian influenza virus in meat and tracheal samples from experimentally infected chickens. <i>Avian Diseases</i> , <b>2008</b> , 52, 40-8	1.6	44
220	Ferrets develop fatal influenza after inhaling small particle aerosols of highly pathogenic avian influenza virus A/Vietnam/1203/2004 (H5N1). <i>Virology Journal</i> , <b>2010</b> , 7, 231	6.1	43
219	Changes in adaptation of H5N2 highly pathogenic avian influenza H5 clade 2.3.4.4 viruses in chickens and mallards. <i>Virology</i> , <b>2016</b> , 499, 52-64	3.6	42
218	A combination in-ovo vaccine for avian influenza virus and Newcastle disease virus. <i>Vaccine</i> , <b>2008</b> , 26, 522-31	4.1	42



217	Microassay for measuring thermal inactivation of H5N1 high pathogenicity avian influenza virus in naturally infected chicken meat. <i>International Journal of Food Microbiology</i> , <b>2006</b> , 108, 268-71	5.8	42
216	Development and evaluation of an Influenza virus subtype H7N2 vaccine candidate for pandemic preparedness. <i>Vaccine Journal</i> , <b>2007</b> , 14, 1425-32		42
215	Characterization of recent H5 subtype avian influenza viruses from US poultry. <i>Avian Pathology</i> , <b>2004</b> , 33, 288-97	2.4	42
214	Susceptibility of laughing gulls ( <i>Larus atricilla</i> ) to H5N1 and H5N3 highly pathogenic avian influenza viruses. <i>Avian Diseases</i> , <b>2002</b> , 46, 877-85	1.6	42
213	Susceptibility of wood ducks to H5N1 highly pathogenic avian influenza virus. <i>Journal of Wildlife Diseases</i> , <b>2007</b> , 43, 660-7	1.3	41
212	Comparative pathobiology of low and high pathogenicity H7N3 Chilean avian influenza viruses in chickens. <i>Avian Diseases</i> , <b>2004</b> , 48, 119-28	1.6	41
211	Reassortant Clade 2.3.4.4 Avian Influenza A(H5N6) Virus in a Wild Mandarin Duck, South Korea, 2016. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23, 822-826	10.2	40
210	Susceptibility of turkeys to pandemic-H1N1 virus by reproductive tract insemination. <i>Virology Journal</i> , <b>2010</b> , 7, 27	6.1	40
209	Experimental infections of herring gulls ( <i>Larus argentatus</i> ) with H5N1 highly pathogenic avian influenza viruses by intranasal inoculation of virus and ingestion of virus-infected chicken meat. <i>Avian Pathology</i> , <b>2008</b> , 37, 393-7	2.4	40
208	H5N2 Highly Pathogenic Avian Influenza Viruses from the US 2014-2015 outbreak have an unusually long pre-clinical period in turkeys. <i>BMC Veterinary Research</i> , <b>2016</b> , 12, 260	2.7	38
207	Highly pathogenic avian influenza virus among wild birds in Mongolia. <i>PLoS ONE</i> , <b>2012</b> , 7, e44097	3.7	38
206	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. <i>Virology</i> , <b>2016</b> , 494, 190-7	3.6	38
205	H7N9 and other pathogenic avian influenza viruses elicit a three-pronged transcriptomic signature that is reminiscent of 1918 influenza virus and is associated with lethal outcome in mice. <i>Journal of Virology</i> , <b>2014</b> , 88, 10556-68	6.6	37
204	Chlorine inactivation of highly pathogenic avian influenza virus (H5N1). <i>Emerging Infectious Diseases</i> , <b>2007</b> , 13, 1568-70	10.2	37
203	An Arg-Lys insertion at the hemagglutinin cleavage site of an H5N2 avian influenza isolate. <i>Virus Genes</i> , <b>1996</b> , 12, 77-84	2.3	36
202	Highly Pathogenic Avian Influenza A(H7N9) Virus, Tennessee, USA, March 2017. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23,	10.2	35
201	An evaluation of avian influenza diagnostic methods with domestic duck specimens. <i>Avian Diseases</i> , <b>2009</b> , 53, 276-80	1.6	35
200	A reassortment-incompetent live attenuated influenza virus vaccine for protection against pandemic virus strains. <i>Journal of Virology</i> , <b>2011</b> , 85, 6832-43	6.6	35



199	Thermal inactivation of avian influenza and Newcastle disease viruses in chicken meat. <i>Journal of Food Protection</i> , <b>2008</b> , 71, 1214-22	2.5	35
198	Poultry vaccination directed evolution of H9N2 low pathogenicity avian influenza viruses in Korea. <i>Virology</i> , <b>2016</b> , 488, 225-31	3.6	34
197	Avian influenza virus infection dynamics in shorebird hosts. <i>Journal of Wildlife Diseases</i> , <b>2012</b> , 48, 322-341.3		34
196	Influenza vaccines for avian species. <i>Current Topics in Microbiology and Immunology</i> , <b>2009</b> , 333, 133-52	3.3	34
195	Identification of the swine pathogen <i>Serpulina hyodysenteriae</i> in rheas ( <i>Rhea americana</i> ). <i>Veterinary Microbiology</i> , <b>1996</b> , 52, 259-69	3.3	34
194	The use of bacteriophages of the family Cystoviridae as surrogates for H5N1 highly pathogenic avian influenza viruses in persistence and inactivation studies. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2009</b> , 44, 1362-6	2.3	33
193	Highly Pathogenic Avian Influenza A(H5N8) Viruses Reintroduced into South Korea by Migratory Waterfowl, 2014-2015. <i>Emerging Infectious Diseases</i> , <b>2016</b> , 22, 507-10	10.2	33
192	Vaccines, Vaccination, and Immunology for Avian Influenza Viruses in Poultry407-451		32
191	Pandemic potential of highly pathogenic avian influenza clade 2.3.4.4 A(H5) viruses. <i>Reviews in Medical Virology</i> , <b>2020</b> , 30, e2099	11.7	31
190	Suboptimal protection against H5N1 highly pathogenic avian influenza viruses from Vietnam in ducks vaccinated with commercial poultry vaccines. <i>Vaccine</i> , <b>2013</b> , 31, 4953-60	4.1	31
189	Transmission studies resume for avian flu. <i>Science</i> , <b>2013</b> , 339, 520-1	33.3	31
188	Sequence and phylogenetic analysis of H7N3 avian influenza viruses isolated from poultry in Pakistan 1995-2004. <i>Virology Journal</i> , <b>2010</b> , 7, 137	6.1	31
187	Pathobiology of Avian Influenza Virus Infections in Birds and Mammals87-122		31
186	Homo- and heterosubtypic low pathogenic avian influenza exposure on H5N1 highly pathogenic avian influenza virus infection in wood ducks ( <i>Aix sponsa</i> ). <i>PLoS ONE</i> , <b>2011</b> , 6, e15987	3.7	31
185	The pathogenesis of H7N8 low and highly pathogenic avian influenza viruses from the United States 2016 outbreak in chickens, turkeys and mallards. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177265	3.7	31
184	Susceptibility of poultry to pandemic (H1N1) 2009 Virus. <i>Emerging Infectious Diseases</i> , <b>2009</b> , 15, 2061-3	10.2	30
183	Molecular signatures associated with Mx1-mediated resistance to highly pathogenic influenza virus infection: mechanisms of survival. <i>Journal of Virology</i> , <b>2012</b> , 86, 2437-46	6.6	30
182	Epidemiology of Avian Influenza in Agricultural and Other Man-Made Systems59-85		30

181	Studies on chicken polyclonal anti-peptide antibodies specific for parathyroid hormone-related protein (1-36). <i>Veterinary Immunology and Immunopathology</i> , <b>1993</b> , 35, 321-37	2	30
180	Efficacy of two H5N9-inactivated vaccines against challenge with a recent H5N1 highly pathogenic avian influenza isolate from a chicken in Thailand. <i>Avian Diseases</i> , <b>2007</b> , 51, 332-7	1.6	29
179	An avian influenza virus from waterfowl in South America contains genes from North American avian and equine lineages. <i>Avian Diseases</i> , <b>2007</b> , 51, 273-4	1.6	29
178	Immunogenicity of fowlpox virus expressing the avian influenza virus H5 gene (TROVAC AIV-H5) in cats. <i>Vaccine Journal</i> , <b>2005</b> , 12, 1340-2		29
177	Global avian influenza surveillance in wild birds: a strategy to capture viral diversity. <i>Emerging Infectious Diseases</i> , <b>2015</b> , 21, e1-7	10.2	28
176	Major histocompatibility complex and background genes in chickens influence susceptibility to high pathogenicity avian influenza virus. <i>Avian Diseases</i> , <b>2010</b> , 54, 572-5	1.6	28
175	Vaccination of gallinaceous poultry for H5N1 highly pathogenic avian influenza: current questions and new technology. <i>Virus Research</i> , <b>2013</b> , 178, 121-32	6.4	27
174	Changes in blood chemistry, hematology, and histology caused by a selenium/vitamin E deficiency and recovery in chicks. <i>Biological Trace Element Research</i> , <b>1998</b> , 62, 7-16	4.5	27
173	Development of Eurasian H7N7/PR8 high growth reassortant virus for clinical evaluation as an inactivated pandemic influenza vaccine. <i>Vaccine</i> , <b>2008</b> , 26, 1742-50	4.1	27
172	Rarity of influenza A virus in spring shorebirds, southern Alaska. <i>Emerging Infectious Diseases</i> , <b>2008</b> , 14, 1314-6	10.2	27
171	Colibacillosis <b>2020</b> , 770-830		27
170	Experimental co-infections of domestic ducks with a virulent Newcastle disease virus and low or highly pathogenic avian influenza viruses. <i>Veterinary Microbiology</i> , <b>2015</b> , 177, 7-17	3.3	26
169	Impact of route of exposure and challenge dose on the pathogenesis of H7N9 low pathogenicity avian influenza virus in chickens. <i>Virology</i> , <b>2015</b> , 477, 72-81	3.6	26
168	Evidence of avian metapneumovirus subtype C infection of wild birds in Georgia, South Carolina, Arkansas and Ohio, USA. <i>Avian Pathology</i> , <b>2008</b> , 37, 343-51	2.4	26
167	Protection of White Leghorn chickens by U.S. emergency H5 vaccination against clade 2.3.4.4 H5N2 high pathogenicity avian influenza virus. <i>Vaccine</i> , <b>2017</b> , 35, 6336-6344	4.1	25
166	Single vaccination provides limited protection to ducks and geese against H5N1 high pathogenicity avian influenza virus. <i>Avian Diseases</i> , <b>2010</b> , 54, 1224-9	1.6	25
165	Influenza A virus infections in land birds, People's Republic of China. <i>Emerging Infectious Diseases</i> , <b>2008</b> , 14, 1644-6	10.2	25
164	Experimental infection of turkeys with avian pneumovirus and either Newcastle disease virus or <i>Escherichia coli</i> . <i>Avian Diseases</i> , <b>2002</b> , 46, 412-22	1.6	25

163	Pathobiological Origins and Evolutionary History of Highly Pathogenic Avian Influenza Viruses. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2021</b> , 11,	5.4	25
162	The influence of the multi-basic cleavage site of the H5 hemagglutinin on the attenuation, immunogenicity and efficacy of a live attenuated influenza A H5N1 cold-adapted vaccine virus. <i>Virology</i> , <b>2009</b> , 395, 280-8	3.6	24
161	Domestic poultry and SARS coronavirus, southern China. <i>Emerging Infectious Diseases</i> , <b>2004</b> , 10, 914-6	10.2	24
160	Confirmation of nephrotropism and nephropathogenicity of three low-pathogenic chicken-origin influenza viruses for chickens. <i>Avian Pathology</i> , <b>1994</b> , 23, 345-52	2.4	24
159	Replication of a Waterfowl-Origin Influenza Virus in the Kidney and Intestine of Chickens. <i>Avian Diseases</i> , <b>1990</b> , 34, 277	1.6	24
158	Maternal antibody inhibition of recombinant Newcastle disease virus vectored vaccine in a primary or booster avian influenza vaccination program of broiler chickens. <i>Vaccine</i> , <b>2018</b> , 36, 6361-6372	4.1	24
157	Reoccurrence of Avian Influenza A(H5N2) Virus Clade 2.3.4.4 in Wild Birds, Alaska, USA, 2016. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23, 365-367	10.2	23
156	Airborne Transmission of Highly Pathogenic Influenza Virus during Processing of Infected Poultry. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23, 1806-1814	10.2	23
155	Infectious Bronchitis <b>2020</b> , 167-188		22
154	Single assay for simultaneous detection and differential identification of human and avian influenza virus types, subtypes, and emergent variants. <i>PLoS ONE</i> , <b>2010</b> , 5, e8995	3.7	22
153	Transmission Dynamics of Highly Pathogenic Avian Influenza Virus A(H5Nx) Clade 2.3.4.4, North America, 2014-2015. <i>Emerging Infectious Diseases</i> , <b>2018</b> , 24, 1840-1848	10.2	22
152	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. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	21
151	International Biological Engagement Programs Facilitate Newcastle Disease Epidemiological Studies. <i>Frontiers in Public Health</i> , <b>2015</b> , 3, 235	6	21
150	Pathological Studies of A/Chicken/Alabama/7395/75 (H4N8) Influenza Virus in Specific-Pathogen-Free Laying Hens. <i>Avian Diseases</i> , <b>1994</b> , 38, 22	1.6	21
149	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. <i>Vaccine</i> , <b>2017</b> , 35, 6345-6353	4.1	20
148	Expression of H5 hemagglutinin vaccine antigen in common duckweed ( <i>Lemna minor</i> ) protects against H5N1 high pathogenicity avian influenza virus challenge in immunized chickens. <i>Vaccine</i> , <b>2015</b> , 33, 3456-62	4.1	20
147	Safe application of regionalization for trade in poultry and poultry products during highly pathogenic avian influenza outbreaks in the USA. <i>Avian Pathology</i> , <b>2017</b> , 46, 125-130	2.4	20
146	Reduction of high pathogenicity avian influenza virus in eggs from chickens once or twice vaccinated with an oil-emulsified inactivated H5 avian influenza vaccine. <i>Vaccine</i> , <b>2012</b> , 30, 4964-70	4.1	20

145	Development of a new candidate H5N1 avian influenza virus for pre-pandemic vaccine production. <i>Influenza and Other Respiratory Viruses</i> , <b>2009</b> , 3, 287-95	5.6	20
144	Avian influenza viruses and avian paramyxoviruses in wintering and breeding waterfowl populations in North Carolina, USA. <i>Journal of Wildlife Diseases</i> , <b>2011</b> , 47, 240-5	1.3	20
143	Characterization of low pathogenicity avian influenza viruses isolated from wild birds in Mongolia 2005 through 2007. <i>Virology Journal</i> , <b>2009</b> , 6, 190	6.1	20
142	Improvements to the hemagglutination inhibition test for serological assessment of recombinant fowlpox-H5-avian-influenza vaccination in chickens and its use along with an agar gel immunodiffusion test for differentiating infected from noninfected vaccinated animals. <i>Avian Diseases</i> , <b>2007</b> , 51, 697-704	1.6	19
141	Previous infection with virulent strains of Newcastle disease virus reduces highly pathogenic avian influenza virus replication, disease, and mortality in chickens. <i>Veterinary Research</i> , <b>2015</b> , 46, 97	3.8	18
140	Protection against H7N3 high pathogenicity avian influenza in chickens immunized with a recombinant fowlpox and an inactivated avian influenza vaccines. <i>Vaccine</i> , <b>2013</b> , 31, 3572-6	4.1	17
139	Avian paramyxoviruses in shorebirds and gulls. <i>Journal of Wildlife Diseases</i> , <b>2010</b> , 46, 481-7	1.3	17
138	Coccidiosis as a cause of transmural lymphocytic enteritis and mortality in captive Nashville warblers ( <i>Vermivora ruficapilla</i> ). <i>Journal of Wildlife Diseases</i> , <b>1991</b> , 27, 615-20	1.3	17
137	Age is not a determinant factor in susceptibility of broilers to H5N2 clade 2.3.4.4 high pathogenicity avian influenza virus. <i>Veterinary Research</i> , <b>2016</b> , 47, 116	3.8	17
136	New Reassortant Clade 2.3.4.4b Avian Influenza A(H5N6) Virus in Wild Birds, South Korea, 2017-18. <i>Emerging Infectious Diseases</i> , <b>2018</b> , 24, 1953-1955	10.2	17
135	Pathogenicity and genomic changes of a 2016 European H5N8 highly pathogenic avian influenza virus (clade 2.3.4.4) in experimentally infected mallards and chickens. <i>Virology</i> , <b>2019</b> , 537, 172-185	3.6	16
134	Impact of vaccination on infection with Vietnam H5N1 high pathogenicity avian influenza virus in hens and the eggs they lay. <i>Vaccine</i> , <b>2015</b> , 33, 1324-30	4.1	16
133	Immunogenicity and efficacy of fowlpox-vectored and inactivated avian influenza vaccines alone or in a prime-boost schedule in chickens with maternal antibodies. <i>Veterinary Research</i> , <b>2014</b> , 45, 107	3.8	16
132	High-pathogenicity avian influenza virus in the reproductive tract of chickens. <i>Veterinary Pathology</i> , <b>2013</b> , 50, 956-60	2.8	16
131	Renal Pathology in Specific-Pathogen-Free Chickens Inoculated with a Waterfowl-Origin Type A Influenza Virus. <i>Avian Diseases</i> , <b>1990</b> , 34, 285	1.6	16
130	Salmonella Infections <b>2020</b> , 717-753		16
129	H9N2 low pathogenic avian influenza in Pakistan (2012-2015). <i>Veterinary Record Open</i> , <b>2016</b> , 3, e000171	1.4	16
128	Enhanced virulence of clade 2.3.2.1 highly pathogenic avian influenza A H5N1 viruses in ferrets. <i>Virology</i> , <b>2017</b> , 502, 114-122	3.6	15

127	Canada geese and the epidemiology of avian influenza viruses. <i>Journal of Wildlife Diseases</i> , <b>2010</b> , 46, 981-7	1.3	15
126	Characterization and efficacy determination of commercially available Central American H5N2 avian influenza vaccines for poultry. <i>Vaccine</i> , <b>2010</b> , 28, 4609-15	4.1	15
125	Thermal inactivation of avian influenza virus and Newcastle disease virus in a fat-free egg product. <i>Journal of Food Protection</i> , <b>2011</b> , 74, 1161-8	2.5	15
124	Immunohistochemistry of transmissible gastroenteritis virus antigens in fixed paraffin-embedded tissues. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>1996</b> , 8, 161-7	1.5	15
123	Very Virulent Infectious Bursal Disease Virus Produces More-Severe Disease and Lesions in Specific-Pathogen-Free (SPF) Leghorns Than in SPF Broiler Chickens. <i>Avian Diseases</i> , <b>2016</b> , 60, 63-6	1.6	14
122	Vaccination of chickens decreased Newcastle disease virus contamination in eggs. <i>Avian Pathology</i> , <b>2016</b> , 45, 38-45	2.4	14
121	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. <i>Influenza and Other Respiratory Viruses</i> , <b>2014</b> , 8, 654-62	5.6	14
120	Agroterrorism, Biological Crimes, and Biowarfare Targeting Animal Agriculture: The Clinical, Pathologic, Diagnostic, and Epidemiologic Features of Some Important Animal Diseases. <i>Clinics in Laboratory Medicine</i> , <b>2001</b> , 21, 549-592	2.1	14
119	Infectious Bursal Disease <b>2020</b> , 257-283		14
118	Deep sequencing of H7N8 avian influenza viruses from surveillance zone supports H7N8 high pathogenicity avian influenza was limited to a single outbreak farm in Indiana during 2016. <i>Virology</i> , <b>2017</b> , 507, 216-219	3.6	13
117	Lessons learned from research and surveillance directed at highly pathogenic influenza A viruses in wild birds inhabiting North America. <i>Virology</i> , <b>2018</b> , 518, 55-63	3.6	13
116	Evaluation of different embryonating bird eggs and cell cultures for isolation efficiency of avian influenza A virus and avian paramyxovirus serotype 1 from real-time reverse transcription polymerase chain reaction-positive wild bird surveillance samples. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2018</b> , 24, 549-7	1.5	13
115	The Global Nature of Avian Influenza		13
114	Domestic ducks play a major role in the maintenance and spread of H5N8 highly pathogenic avian influenza viruses in South Korea. <i>Transboundary and Emerging Diseases</i> , <b>2020</b> , 67, 844-851	4.2	13
113	Efficacy of novel recombinant fowlpox vaccine against recent Mexican H7N3 highly pathogenic avian influenza virus. <i>Vaccine</i> , <b>2019</b> , 37, 2232-2243	4.1	12
112	Survivability of Eurasian H5N1 highly pathogenic avian influenza viruses in water varies between strains. <i>Avian Diseases</i> , <b>2014</b> , 58, 453-7	1.6	12
111	Domestic goose as a model for West Nile virus vaccine efficacy. <i>Vaccine</i> , <b>2013</b> , 31, 1045-50	4.1	12
110	Avian Reovirus Infections <b>2020</b> , 382-400		12

109	Susceptibility of swine to H5 and H7 low pathogenic avian influenza viruses. <i>Influenza and Other Respiratory Viruses</i> , <b>2016</b> , 10, 346-52	5.6	12
108	A computationally designed H5 antigen shows immunological breadth of coverage and protects against drifting avian strains. <i>Vaccine</i> , <b>2019</b> , 37, 2369-2376	4.1	11
107	Agricultural and geographic factors shaped the North American 2015 highly pathogenic avian influenza H5N2 outbreak. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1007857	7.6	11
106	The efficacy of recombinant turkey herpesvirus vaccines targeting the H5 of highly pathogenic avian influenza virus from the 2014-2015 North American outbreak. <i>Vaccine</i> , <b>2018</b> , 36, 84-90	4.1	11
105	Rapid evolution of Mexican H7N3 highly pathogenic avian influenza viruses in poultry. <i>PLoS ONE</i> , <b>2019</b> , 14, e0222457	3.7	10
104	Detection of reassortant H5N6 clade 2.3.4.4 highly pathogenic avian influenza virus in a black-faced spoonbill ( <i>Platalea minor</i> ) found dead, Taiwan, 2017. <i>Infection, Genetics and Evolution</i> , <b>2018</b> , 62, 275-278	4.5	10
103	Efficacy of a Recombinant Turkey Herpesvirus H5 Vaccine Against Challenge With H5N1 Clades 1.1.2 and 2.3.2.1 Highly Pathogenic Avian Influenza Viruses in Domestic Ducks ( <i>Anas platyrhynchos domesticus</i> ). <i>Avian Diseases</i> , <b>2016</b> , 60, 22-32	1.6	10
102	Single and combination diagnostic test efficiency and cost analysis for detection and isolation of avian influenza virus from wild bird cloacal swabs. <i>Avian Diseases</i> , <b>2010</b> , 54, 606-12	1.6	10
101	Phylogenetics and pathogenesis of early avian influenza viruses (H5N1), Nigeria. <i>Emerging Infectious Diseases</i> , <b>2008</b> , 14, 1753-5	10.2	10
100	Molecular Characterization of the Hemagglutinin Gene and Oral Immunization with a Waterfowl-Origin Avian Influenza Virus. <i>Avian Diseases</i> , <b>1998</b> , 42, 486	1.6	10
99	Understanding the Ecology and Epidemiology of Avian Influenza Viruses: Implications for Zoonotic Potential	10.1	130
98	Newcastle Disease, Other Avian Paramyxoviruses, and Avian Metapneumovirus Infections	2020	109-166
97	Potency, efficacy, and antigenic mapping of H7 avian influenza virus vaccines against the 2012 H7N3 highly pathogenic avian influenza virus from Mexico. <i>Avian Diseases</i> , <b>2014</b> , 58, 359-66	1.6	9
96	High doses of highly pathogenic avian influenza virus in chicken meat are required to infect ferrets. <i>Veterinary Research</i> , <b>2014</b> , 45, 60	3.8	9
95	Limited susceptibility and lack of systemic infection by an H3N2 swine influenza virus in intranasally inoculated chickens. <i>Avian Diseases</i> , <b>2008</b> , 52, 498-501	1.6	9
94	High Pathogenicity Avian Influenza in the Americas	191-216	9
93	Pathobiology of Tennessee 2017 H7N9 low and high pathogenicity avian influenza viruses in commercial broiler breeders and specific pathogen free layer chickens. <i>Veterinary Research</i> , <b>2018</b> , 49, 82	3.8	9
92	Live bird markets as evolutionary epicentres of H9N2 low pathogenicity avian influenza viruses in Korea. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 616-627	18.9	8



91	Infectious Laryngotracheitis <b>2020</b> , 189-209		8
90	Salt Poisoning in Turkey Poults. <i>Avian Diseases</i> , <b>1986</b> , 30, 847	1.6	8
89	Internal Parasites <b>2020</b> , 1157-1191		8
88	Loss of Fitness of Mexican H7N3 Highly Pathogenic Avian Influenza Virus in Mallards after Circulating in Chickens. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	7
87	Evaluation of the U.S. Department of Agriculture's egg pasteurization processes on the inactivation of high-pathogenicity avian influenza virus and velogenic Newcastle disease virus in processed egg products. <i>Journal of Food Protection</i> , <b>2013</b> , 76, 640-5	2.5	7
86	Recommendations from the avian influenza vaccine workshop. <i>Annals of the New York Academy of Sciences</i> , <b>2006</b> , 1081, 226-7	6.5	7
85	Antigenic cross-reactivity among avian pneumoviruses of subgroups A, B, and C at the matrix but not nucleocapsid proteins. <i>Avian Diseases</i> , <b>2002</b> , 46, 725-9	1.6	7
84	Enteric Disease in Specific-Pathogen-Free Turkey Poults Inoculated with a Small Round Turkey-Origin Enteric Virus. <i>Avian Diseases</i> , <b>1990</b> , 34, 683	1.6	7
83	Cytochemical properties of chicken blood cells resembling both thrombocytes and lymphocytes. <i>Veterinary Clinical Pathology</i> , <b>1986</b> , 15, 17-24	1	7
82	Pox <b>2020</b> , 364-381		7
81	Infectious Coryza and Related Bacterial Infections <b>2020</b> , 890-906		7
80	Avian influenza at animal-human interface: One-health challenge in live poultry retail stalls of Chakwal, Pakistan. <i>Influenza and Other Respiratory Viruses</i> , <b>2020</b> , 14, 257-265	5.6	6
79	Vaccines and vaccination for avian influenza in poultry <b>2016</b> , 378-434		6
78	Mitigation strategies to reduce the generation and transmission of airborne highly pathogenic avian influenza virus particles during processing of infected poultry. <i>International Journal of Hygiene and Environmental Health</i> , <b>2018</b> , 221, 893-900	6.9	6
77	Characterization of H5N1 highly pathogenic avian influenza viruses isolated from poultry in Pakistan 2006-2008. <i>Virus Genes</i> , <b>2012</b> , 44, 247-52	2.3	6
76	Serum and egg yolk antibody detection in chickens infected with low pathogenicity avian influenza virus. <i>Avian Diseases</i> , <b>2012</b> , 56, 601-4	1.6	6
75	Development and evaluation of a blocking enzyme-linked immunosorbent assay for detection of avian metapneumovirus type C-specific antibodies in multiple domestic avian species. <i>Journal of Clinical Microbiology</i> , <b>2003</b> , 41, 3579-83	9.7	6
74	Evolution of H4, H5 influenza A viruses in natural ecosystems in Northern Eurasia (2000-2002). <i>International Congress Series</i> , <b>2004</b> , 1263, 169-173		6

73	Complete Genome Sequences of Four Avian Paramyxoviruses of Serotype 10 Isolated from Rockhopper Penguins on the Falkland Islands. <i>Genome Announcements</i> , <b>2017</b> , 5,		5
72	Mycoplasmosis <b>2020</b> , 907-965		5
71	Reassortant Clade 2.3.4.4 of Highly Pathogenic Avian Influenza A(H5N6) Virus, Taiwan, 2017. <i>Emerging Infectious Diseases</i> , <b>2018</b> , 24, 1147-1149	10.2	5
70	Cross-clade immunity in cats vaccinated with a canarypox-vectored avian influenza vaccine. <i>Vaccine</i> , <b>2010</b> , 28, 4970-6	4.1	5
69	Detection of Infectious Bursal Disease Viruses Using in situ Hybridization and Non-Radioactive Probes. <i>Avian Diseases</i> , <b>1992</b> , 36, 154	1.6	5
68	Thermal inactivation of H5N2 high-pathogenicity avian influenza virus in dried egg white with 7.5% moisture. <i>Journal of Food Protection</i> , <b>2009</b> , 72, 1997-2000	2.5	5
67	Protozoal Infections <b>2020</b> , 1192-1254		5
66	Neoplastic Diseases <b>2020</b> , 548-715		5
65	Cross-Protection by Inactivated H5 Prepandemic Vaccine Seed Strains against Diverse Goose/Guangdong Lineage H5N1 Highly Pathogenic Avian Influenza Viruses. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	5
64	Laboratory Methods for Assessing and Licensing Influenza Vaccines for Poultry. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2123, 211-225	1.4	5
63	Intercontinental spread of Asian-origin H7 avian influenza viruses by captive bird trade in 1990s. <i>Infection, Genetics and Evolution</i> , <b>2019</b> , 73, 146-150	4.5	4
62	The global nature of avian influenza <b>2016</b> , 177-201		4
61	Inactivation of low pathogenicity notifiable avian influenza virus and lentogenic Newcastle disease virus following pasteurization in liquid egg products. <i>LWT - Food Science and Technology</i> , <b>2013</b> , 52, 27-30 <sup>5.4</sup>		4
60	Neoplastic Diseases <b>2013</b> , 513-673		4
59	Newcastle Disease, Other Avian Paramyxoviruses, and Avian Metapneumovirus Infections <b>2013</b> , 87-138		4
58	Thermal Inactivation of Avian Viral and Bacterial Pathogens in an Effluent Treatment System within a Biosafety Level 2 and 3 Enhanced Facility. <i>Applied Biosafety</i> , <b>2011</b> , 16, 206-217	1.3	4
57	Pinealoma in a Broiler Breeder. <i>Avian Diseases</i> , <b>1986</b> , 30, 853	1.6	4
56	Coagulation of plasma from the chicken ( <i>Gallus domesticus</i> ): phospholipids influence clotting rates induced by components from Russell's viper venom. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1985</b> , 82, 647-53		4

55	Live Attenuated Influenza H7N3 Vaccine is Safe, Immunogenic and Confers Protection in Animal Models. <i>Open Microbiology Journal</i> , <b>2014</b> , 8, 154-62	0.8	4
54	Biosafety risk assessment for production of candidate vaccine viruses to protect humans from zoonotic highly pathogenic avian influenza viruses. <i>Influenza and Other Respiratory Viruses</i> , <b>2020</b> , 14, 215-225	5.6	4
53	Viral Enteric Infections <b>2020</b> , 401-445		4
52	Adenovirus Infections <b>2020</b> , 321-363		4
51	Nutritional Diseases <b>2020</b> , 1255-1285		3
50	High-pathogenicity avian influenza outbreaks since 2008, excluding multi-continental panzootic of H5 Goose/Guangdong-lineage viruses <b>2016</b> , 248-270		3
49	Pathobiology and innate immune responses of gallinaceous poultry to clade 2.3.4.4A H5Nx highly pathogenic avian influenza virus infection. <i>Veterinary Research</i> , <b>2019</b> , 50, 89	3.8	3
48	Risk Reduction Modeling of High Pathogenicity Avian Influenza Virus Titers in Nonpasteurized Liquid Egg Obtained from Infected but Undetected Chicken Flocks. <i>Risk Analysis</i> , <b>2015</b> , 35, 2057-68	3.9	3
47	Experimental infection with low and high pathogenicity H7N3 Chilean avian influenza viruses in Chiloe wigeon ( <i>Anas sibilatrix</i> ) and cinnamon teal ( <i>Anas cyanoptera</i> ). <i>Avian Diseases</i> , <b>2011</b> , 55, 459-61	1.6	3
46	Viral Infections of Waterfowl <b>2020</b> , 446-497		3
45	Protection of White Leghorn chickens by recombinant fowlpox vector vaccine with an updated H5 insert against Mexican H5N2 avian influenza viruses. <i>Vaccine</i> , <b>2020</b> , 38, 1526-1534	4.1	3
44	Principles of Disease Prevention, Diagnosis, and Control <b>2020</b> , 1-78		3
43	Mycotoxicoses <b>2020</b> , 1330-1348		3
42	Pasteurellosis and Other Respiratory Bacterial Infections <b>2020</b> , 831-889		3
41	Campylobacteriosis <b>2020</b> , 754-769		3
40	Spotlight on avian pathology: can we reduce the pandemic threat of H9N2 avian influenza to human and avian health?. <i>Avian Pathology</i> , <b>2020</b> , 49, 529-531	2.4	3
39	Genetic evolution and transmission dynamics of clade 2.3.2.1a highly pathogenic avian influenza A/H5N1 viruses in Bangladesh. <i>Virus Evolution</i> , <b>2020</b> , 6, veaa046	3.7	3
38	Avian Influenza <b>2021</b> , 229-251		3

37	Avian Chlamydiosis <b>2020</b> , 1086-1107		2
36	Epidemiology of avian influenza in agricultural and other man-made systems <b>2016</b> , 302-336		2
35	Trade and food safety aspects for animal influenza viruses <b>2016</b> , 74-91		2
34	Viral Enteric Infections <b>2013</b> , 375-415		2
33	Viral Infections of Waterfowl <b>2013</b> , 417-463		2
32	Other Bacterial Diseases <b>2013</b> , 971-1053		2
31	Nutritional Diseases <b>2013</b> , 1203-1232		2
30	Developmental, Metabolic, and Other Noninfectious Disorders <b>2020</b> , 1286-1329		2
29	Other Bacterial Diseases <b>2020</b> , 995-1085		2
28	Highly Pathogenic Avian Influenza A(H7N3) Virus in Poultry, United States, 2020. <i>Emerging Infectious Diseases</i> , <b>2020</b> , 26, 2966-2969	10.2	2
27	Efficacy of recombinant Marek's disease virus vectored vaccines with computationally optimized broadly reactive antigen (COBRA) hemagglutinin insert against genetically diverse H5 high pathogenicity avian influenza viruses. <i>Vaccine</i> , <b>2021</b> , 39, 1933-1942	4.1	2
26	Infection with Some Infectious Bursal Disease Virus Pathotypes Produces Virus in Chicken Muscle Tissue and the Role of Humoral Immunity as a Mitigation Strategy. <i>Avian Diseases</i> , <b>2016</b> , 60, 758-764	1.6	2
25	Avian influenza control strategies <b>2016</b> , 363-377		1
24	Genome Sequences of an H9N2 Avian Influenza Virus Strain Found in Pakistan in 2017. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,	1.3	1
23	Other Viral Infections <b>2013</b> , 465-512		1
22	Avian Influenza Control Strategies 287-297		1
21	Trade and Food Safety Aspects for Avian Influenza Viruses 499-512		1
20	Laboratory methods for assessing and licensing influenza vaccines for poultry. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1161, 185-98	1.4	1

19	Emerging Diseases and Diseases of Complex or Unknown Etiology <b>2020</b> , 1383-1410		1
18	Chicken Infectious Anemia and Circovirus Infections in Commercial Flocks <b>2020</b> , 284-320		1
17	Clostridial Diseases <b>2020</b> , 966-994		1
16	Low Pathogenicity Avian Influenza (H5N2) Viruses, Dominican Republic. <i>Emerging Infectious Diseases</i> , <b>2020</b> , 26, 3094-3096	10.2	1
15	Low-pathogenicity influenza viruses replicate differently in laughing gulls and mallards. <i>Influenza and Other Respiratory Viruses</i> , <b>2021</b> , 15, 701-706	5.6	1
14	External Parasites and Poultry Pests <b>2020</b> , 1135-1156		0
13	Toxins and Poisons <b>2020</b> , 1349-1382		0
12	Transmission dynamics of low pathogenicity avian influenza (H2N2) viruses in live bird markets of the Northeast United States of America, 2013-2019.. <i>Virus Evolution</i> , <b>2022</b> , 8, veac009	3.7	0
11	H7N1 Low Pathogenicity Avian Influenza Viruses in Poultry in the United States During 2018. <i>Avian Diseases</i> , <b>2021</b> , 65, 59-62	1.6	0
10	Efficacy of two vaccines against recent emergent antigenic variants of clade 2.3.2.1a highly pathogenic avian influenza viruses in Bangladesh. <i>Vaccine</i> , <b>2021</b> , 39, 2824-2832	4.1	0
9	Improvements in Powered Air Purifying Respirator Protection in an ABSL-3E Facility. <i>Applied Biosafety</i> , <b>2015</b> , 20, 175-178	1.3	
8	Host Factors for Disease Resistance <b>2013</b> , 61-86		
7	Emerging Diseases and Diseases of Complex or Unknown Etiology <b>2013</b> , 1317-1340		
6	Principles of Disease Prevention, Diagnosis, and Control <b>2013</b> , 1-60		
5	Development and evaluation of candidate influenza a vaccines for pandemic preparedness. <i>International Congress Series</i> , <b>2004</b> , 1263, 813-817		
4	Sudden Death Syndrome in Turkey Hens. <i>Avian Diseases</i> , <b>1990</b> , 34, 770	1.6	
3	Understanding the Complex Pathobiology of High Pathogenicity Avian Influenza Viruses in Birds <b>2008</b> , 131-141		
2	Other Viral Infections <b>2020</b> , 498-547		

1 Host Factors for Disease Resistance **2020**, 79-108