

# Sharon M Brookes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2015849/publications.pdf>

Version: 2024-02-01

110  
papers

4,137  
citations

109137

35  
h-index

138251

58  
g-index

117  
all docs

117  
docs citations

117  
times ranked

4143  
citing authors

#	ARTICLE	IF	CITATIONS
1	Abundance of an Endogenous Retroviral Envelope Protein in Placental Trophoblasts Suggests a Biological Function. <i>Virology</i> , 1995, 211, 589-592.	1.1	160
2	Case report: Isolation of a European bat lyssavirus type 2a from a fatal human case of rabies encephalitis. <i>Journal of Medical Virology</i> , 2003, 71, 281-289.	2.5	149
3	The global antigenic diversity of swine influenza A viruses. <i>ELife</i> , 2016, 5, e12217.	2.8	146
4	Replication, Pathogenesis and Transmission of Pandemic (H1N1) 2009 Virus in Non-Immune Pigs. <i>PLoS ONE</i> , 2010, 5, e9068.	1.1	144
5	European bat lyssaviruses: an emerging zoonosis. <i>Epidemiology and Infection</i> , 2003, 131, 1029-1039.	1.0	135
6	18S rRNA is a reliable normalisation gene for real time PCR based on influenza virus infected cells. <i>Virology Journal</i> , 2012, 9, 230.	1.4	123
7	African Swine Fever Virus Is Wrapped by the Endoplasmic Reticulum. <i>Journal of Virology</i> , 1998, 72, 2373-2387.	1.5	111
8	Enhanced Infectivity of Modified Bluetongue Virus Particles for Two Insect Cell Lines and for Two <i>Culicoides</i> Vector Species. <i>Virology</i> , 1996, 217, 582-593.	1.1	110
9	Original Article: 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. <i>Influenza and Other Respiratory Viruses</i> , 2010, 4, 277-293.	1.5	105
10	Rabies human diploid cell vaccine elicits cross-neutralising and cross-protecting immune responses against European and Australian bat lyssaviruses. <i>Vaccine</i> , 2005, 23, 4101-4109.	1.7	101
11	Structure of the complex of an Fab fragment of a neutralizing antibody with foot-and-mouth disease virus: positioning of a highly mobile antigenic loop. <i>EMBO Journal</i> , 1997, 16, 1492-1500.	3.5	100
12	THE IMMUNE RESPONSE TO AND EXPRESSION OF CROSS-REACTIVE RETROVIRAL GAG SEQUENCES IN AUTOIMMUNE DISEASE. <i>Rheumatology</i> , 1992, 31, 735-742.	0.9	98
13	Assessing the risks of SARS-CoV-2 in wildlife. <i>One Health Outlook</i> , 2021, 3, 7.	1.4	87
14	Highly pathogenic avian influenza virus infection in chickens but not ducks is associated with elevated host immune and pro-inflammatory responses. <i>Veterinary Research</i> , 2014, 45, 118.	1.1	84
15	Characterization of virus inclusion bodies in bluetongue virus-infected cells. <i>Journal of General Virology</i> , 1993, 74, 525-530.	1.3	80
16	Aerosol Delivery of a Candidate Universal Influenza Vaccine Reduces Viral Load in Pigs Challenged with Pandemic H1N1 Virus. <i>Journal of Immunology</i> , 2016, 196, 5014-5023.	0.4	72
17	Expression of antigen reactive with a monoclonal antibody to HTLV-1 P19 in salivary glands in Sjögren's syndrome. <i>Clinical and Experimental Immunology</i> , 2008, 89, 46-51.	1.1	70
18	The Replication of Bluetongue Virus. <i>Current Topics in Microbiology and Immunology</i> , 1990, 162, 89-118.	0.7	69

#	ARTICLE	IF	CITATIONS
19	Complete sequence characterization of the genome of the St Croix River virus, a new orbivirus isolated from cells of <i>Ixodes scapularis</i> . <i>Journal of General Virology</i> , 2001, 82, 795-804.	1.3	68
20	A Simplified 4-Site Economical Intradermal Post-Exposure Rabies Vaccine Regimen: A Randomised Controlled Comparison with Standard Methods. <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e224.	1.3	66
21	European Bat Lyssavirus in Scottish Bats. <i>Emerging Infectious Diseases</i> , 2005, 11, 572-578.	2.0	59
22	Serologic Cross-Reactivity with Pandemic (H1N1) 2009 Virus in Pigs, Europe. <i>Emerging Infectious Diseases</i> , 2010, 16, 96-99.	2.0	58
23	Intranasal Infection of Ferrets with SARS-CoV-2 as a Model for Asymptomatic Human Infection. <i>Viruses</i> , 2021, 13, 113.	1.5	56
24	Assembly of African Swine Fever Virus: Quantitative Ultrastructural Analysis <i>in Vitro</i> and <i>in Vivo</i> . <i>Virology</i> , 1996, 224, 84-92.	1.1	54
25	Flexibility of the Major Antigenic Loop of Foot-and-Mouth Disease Virus Bound to a Fab Fragment of a Neutralising Antibody: Structure and Neutralisation. <i>Virology</i> , 1999, 255, 260-268.	1.1	53
26	Genetic Characterization of Highly Pathogenic Avian Influenza (H5N8) Virus from Domestic Ducks, England, November 2014. <i>Emerging Infectious Diseases</i> , 2015, 21, 879-882.	2.0	53
27	The release of bluetongue virus from infected cells and their superinfection by progeny virus. <i>Virology</i> , 1989, 173, 21-34.	1.1	50
28	Comparison of Heterosubtypic Protection in Ferrets and Pigs Induced by a Single-Cycle Influenza Vaccine. <i>Journal of Immunology</i> , 2018, 200, 4068-4077.	0.4	50
29	Isolation of a European bat lyssavirus type 2 from a Daubenton's bat in the United Kingdom. <i>Veterinary Record</i> , 2003, 152, 383-387.	0.2	48
30	Effects of carcass decomposition on rabies virus infectivity and detection. <i>Journal of Virological Methods</i> , 2014, 207, 110-113.	1.0	45
31	Trapping and vaccination of endangered Ethiopian wolves to control an outbreak of rabies. <i>Journal of Applied Ecology</i> , 2008, 45, 109-116.	1.9	44
32	Comparative Pathological Study of the Murine Brain after Experimental Infection with Classical Rabies Virus and European Bat Lyssaviruses. <i>Journal of Comparative Pathology</i> , 2009, 140, 113-126.	0.1	43
33	Risk factors associated with travel to rabies endemic countries. <i>Journal of Applied Microbiology</i> , 2003, 94, 31-36.	1.4	42
34	Lyssavirus infection activates interferon gene expression in the brain. <i>Journal of General Virology</i> , 2006, 87, 2663-2667.	1.3	40
35	Cloning and sequencing of the gene encoding the principal 18-kDa secreted antigen of activated oncospheres of <i>Taenia saginata</i> . <i>Molecular and Biochemical Parasitology</i> , 1996, 78, 265-268.	0.5	39
36	Influenza A (H1N1) infection in pigs. <i>Veterinary Record</i> , 2009, 164, 760-761.	0.2	38

#	ARTICLE	IF	CITATIONS
37	Review of human rabies cases in the UK and in Germany. <i>Veterinary Record</i> , 2005, 157, 715-715.	0.2	37
38	European bat lyssaviruses: Distribution, prevalence and implications for conservation. <i>Biological Conservation</i> , 2006, 131, 193-210.	1.9	37
39	Differential lung NK cell responses in avian influenza virus infected chickens correlate with pathogenicity. <i>Scientific Reports</i> , 2013, 3, 2478.	1.6	37
40	TARGETED SURVEILLANCE FOR EUROPEAN BAT LYSSAVIRUSES IN ENGLISH BATS (2003â€“06). <i>Journal of Wildlife Diseases</i> , 2009, 45, 1030-1041.	0.3	36
41	INTERFERON-GAMMA AND EPITHELIAL CELL ACTIVATION IN SJÖGREN'S SYNDROME. <i>Rheumatology</i> , 1995, 34, 226-231.	0.9	35
42	Biochemical Requirements of Virus Wrapping by the Endoplasmic Reticulum: Involvement of ATP and Endoplasmic Reticulum Calcium Store during Envelopment of African Swine Fever Virus. <i>Journal of Virology</i> , 2000, 74, 2151-2160.	1.5	35
43	Susceptibility of sheep to European bat lyssavirus type-1 and -2 infection: A clinical pathogenesis study. <i>Veterinary Microbiology</i> , 2007, 125, 210-223.	0.8	35
44	Expression of biologically active recombinant porcine GM-CSF by baculovirus gene expression system. <i>Immunology and Cell Biology</i> , 1998, 76, 195-201.	1.0	34
45	Quantifying Transmission of Highly Pathogenic and Low Pathogenicity H7N1 Avian Influenza in Turkeys. <i>PLoS ONE</i> , 2012, 7, e45059.	1.1	34
46	Rabies in North America and Europe. <i>Journal of the Royal Society of Medicine</i> , 2002, 95, 9-13.	1.1	34
47	Differential susceptibility of SARS-CoV-2 in animals: Evidence of ACE2 host receptor distribution in companion animals, livestock and wildlife by immunohistochemical characterisation. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 2275-2286.	1.3	33
48	Systematic characterization of porcine ileal Peyer's patch, I. Apoptosis-sensitive immature B cells are the predominant cell type. <i>Immunology</i> , 1999, 98, 612-621.	2.0	32
49	Highly Pathogenic Avian Influenza H5N8 Clade 2.3.4.4 Virus: Equivocal Pathogenicity and Implications for Surveillance Following Natural Infection in Breeder Ducks in the United Kingdom. <i>Transboundary and Emerging Diseases</i> , 2016, 63, 5-9.	1.3	32
50	T cell clones from a Sjögren's syndrome salivary gland biopsy produce high levels of IL-10. <i>Clinical and Experimental Immunology</i> , 1996, 103, 268-272.	1.1	30
51	Distinct immune responses and virus shedding in pigs following aerosol, intra-nasal and contact infection with pandemic swine influenza A virus, A(H1N1)09. <i>Veterinary Research</i> , 2016, 47, 103.	1.1	30
52	Intracellular Virus DNA Distribution and the Acquisition of the Nucleoprotein Core during African Swine Fever Virus Particle Assembly: Ultrastructural in Situ Hybridisation and DNase-Gold Labelling. <i>Virology</i> , 1998, 249, 175-188.	1.1	28
53	Within-host variation of avian influenza viruses. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 2739-2747.	1.8	28
54	Selection of variant viruses during replication and transmission of H7N1 viruses in chickens and turkeys. <i>Virology</i> , 2012, 433, 282-295.	1.1	28

#	ARTICLE	IF	CITATIONS
55	Mammalian Innate Resistance to Highly Pathogenic Avian Influenza H5N1 Virus Infection Is Mediated through Reduced Proinflammation and Infectious Virus Release. <i>Journal of Virology</i> , 2012, 86, 9201-9210.	1.5	26
56	European Bat Lyssavirus Type 2 RNA in <i>Myotis daubentonii</i> . <i>Emerging Infectious Diseases</i> , 2006, 12, 1142-1144.	2.0	25
57	Transmission dynamics between infected waterfowl and terrestrial poultry: Differences between the transmission and tropism of H5N8 highly pathogenic avian influenza virus (clade 2.3.4.4a) among ducks, chickens and turkeys. <i>Virology</i> , 2020, 541, 113-123.	1.1	25
58	Passive surveillance (1987 to 2004) of United Kingdom bats for European bat lyssaviruses. <i>Veterinary Record</i> , 2006, 159, 439-446.	0.2	24
59	Experimental infection of Foxes with European bat Lyssaviruses type-1 and 2. <i>BMC Veterinary Research</i> , 2009, 5, 19.	0.7	24
60	Unexpected infection outcomes of China-origin H7N9 low pathogenicity avian influenza virus in turkeys. <i>Scientific Reports</i> , 2018, 8, 7322.	1.6	24
61	Comparative micro-epidemiology of pathogenic avian influenza virus outbreaks in a wild bird population. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180259.	1.8	23
62	Pathobiology of rabies virus and the European bat lyssaviruses in experimentally infected mice. <i>Virus Research</i> , 2013, 172, 46-53.	1.1	22
63	Ducks Are Susceptible to Infection with a Range of Doses of H5N8 Highly Pathogenic Avian Influenza Virus (2016, Clade 2.3.4.4b) and Are Largely Resistant to Virus-Specific Mortality, but Efficiently Transmit Infection to Contact Turkeys. <i>Avian Diseases</i> , 2018, 63, 172.	0.4	22
64	Immune Responses in Pigs Vaccinated with Adjuvanted and Non-Adjuvanted A(H1N1)pdm/09 Influenza Vaccines Used in Human Immunization Programmes. <i>PLoS ONE</i> , 2012, 7, e32400.	1.1	21
65	Coinfection of Chickens with H9N2 and H7N9 Avian Influenza Viruses Leads to Emergence of Reassortant H9N9 Virus with Increased Fitness for Poultry and a Zoonotic Potential. <i>Journal of Virology</i> , 2022, 96, jvi0185621.	1.5	21
66	The infectivity of pandemic 2009 H1N1 and avian influenza viruses for pigs: an assessment by ex vivo respiratory tract organ culture*. <i>Influenza and Other Respiratory Viruses</i> , 2013, 7, 393-402.	1.5	19
67	Highly pathogenic avian influenza virus H5N6 (clade 2.3.4.4b) has a preferable host tropism for waterfowl reflected in its inefficient transmission to terrestrial poultry. <i>Virology</i> , 2021, 559, 74-85.	1.1	19
68	Rabies Antibody Levels in Bat Handlers in the United Kingdom: Immune Response Before and After Purified Chick Embryo Cell Rabies Booster Vaccination. <i>Hum Vaccin</i> , 2007, 3, 165-170.	2.4	18
69	Comparison of Serological Assays for the Detection of SARS-CoV-2 Antibodies. <i>Viruses</i> , 2021, 13, 713.	1.5	18
70	Development of immunohistochemistry and in situ hybridisation for the detection of SARS-CoV and SARS-CoV-2 in formalin-fixed paraffin-embedded specimens. <i>Scientific Reports</i> , 2020, 10, 21894.	1.6	18
71	Characterization of African swine fever virion proteins j5R and j13L: immuno-localization in virus particles and assembly sites.. <i>Journal of General Virology</i> , 1998, 79, 1179-1188.	1.3	18
72	Isolation of EBLV-2 in a Daubenton's bat ( <i>Myotis daubentonii</i> ) found in Oxfordshire. <i>Veterinary Record</i> , 2006, 159, 534-535.	0.2	17

#	ARTICLE	IF	CITATIONS
73	Failure to infect pigs co-housed with ducks or chickens infected experimentally with A/turkey/Turkey/1/2005 (H5N1) highly pathogenic avian influenza virus. <i>Veterinary Microbiology</i> , 2013, 162, 944-948.	0.8	17
74	Development and Application of Real-Time PCR Assays for Specific Detection of Contemporary Avian Influenza Virus Subtypes N5, N6, N7, N8, and N9. <i>Avian Diseases</i> , 2018, 63, 209.	0.4	17
75	Early Responses of Natural Killer Cells in Pigs Experimentally Infected with 2009 Pandemic H1N1 Influenza A Virus. <i>PLoS ONE</i> , 2014, 9, e100619.	1.1	16
76	Inflammatory responses in the nervous system of mice infected with a street isolate of rabies virus. <i>Developments in Biologicals</i> , 2008, 131, 65-72.	0.4	15
77	RETROVIRUSES: POTENTIAL AETIOLOGICAL AGENTS IN AUTOIMMUNE RHEUMATIC DISEASE. <i>Rheumatology</i> , 1992, 31, 841-846.	0.9	14
78	Vaccine-mediated protection of pigs against infection with pandemic H1N1 2009 swine influenza A virus requires a close antigenic match between the vaccine antigen and challenge virus. <i>Vaccine</i> , 2019, 37, 2288-2293.	1.7	14
79	Characteristics of Australian human enteric coronavirus-like particles: comparison with human respiratory coronavirus 229E and duodenal brush border vesicles. <i>Archives of Virology</i> , 1987, 97, 309-323.	0.9	13
80	Detection of H3N8 influenza A virus with multiple mammalian-adaptive mutations in a rescued Grey seal ( <i>Halichoerus grypus</i> ) pup. <i>Virus Evolution</i> , 2020, 6, veaa016.	2.2	13
81	Identification of a European bat lyssavirus type 2 in a Daubenton's bat found in Staines, Surrey, UK. <i>Veterinary Record</i> , 2004, 155, 434-5.	0.2	12
82	Identification of a European bat lyssavirus type 2 in a Daubenton's bat found in Lancashire. <i>Veterinary Record</i> , 2004, 155, 606-7.	0.2	11
83	Lyssavirus infection: "Low dose, multiple exposure"™ in the mouse model. <i>Virus Research</i> , 2014, 181, 35-42.	1.1	10
84	Detection of non-notifiable H4N6 avian influenza virus in poultry in Great Britain. <i>Veterinary Microbiology</i> , 2018, 224, 107-115.	0.8	10
85	Interspecies Transmission of Reassortant Swine Influenza A Virus Containing Genes from Swine Influenza A(H1N1)pdm09 and A(H1N2) Viruses. <i>Emerging Infectious Diseases</i> , 2020, 26, 273-281.	2.0	10
86	Incursion of H5N8 high pathogenicity avian influenza virus (HPAIV) into gamebirds in England. <i>Epidemiology and Infection</i> , 2022, 150, 1-36.	1.0	10
87	Membrane Expression of Nuclear Antigens: a model for Autoimmunity in Sjogren's Syndrome?. <i>Autoimmunity</i> , 1992, 13, 321-325.	1.2	8
88	Chicken and Duck Myotubes Are Highly Susceptible and Permissive to Influenza Virus Infection. <i>Journal of Virology</i> , 2015, 89, 2494-2506.	1.5	8
89	Seroprevalence of economically important viral pathogens in swine populations of Trinidad and Tobago, West Indies. <i>Tropical Animal Health and Production</i> , 2017, 49, 1117-1124.	0.5	8
90	Current status of avian influenza in Europe and the UK. <i>Veterinary Record</i> , 2018, 182, 54-55.	0.2	8

#	ARTICLE	IF	CITATIONS
91	Two Single Incursions of H7N7 and H5N1 Low Pathogenicity Avian Influenza in U.K. Broiler Breeders During 2015 and 2016. <i>Avian Diseases</i> , 2018, 63, 181.	0.4	8
92	Vaccines That Reduce Viral Shedding Do Not Prevent Transmission of H1N1 Pandemic 2009 Swine Influenza A Virus Infection to Unvaccinated Pigs. <i>Journal of Virology</i> , 2021, 95, .	1.5	8
93	H7N7 Avian Influenza Virus Mutation from Low to High Pathogenicity on a Layer Chicken Farm in the UK. <i>Viruses</i> , 2021, 13, 259.	1.5	8
94	Detection of antibodies to EBLV-2 in Daubenton's bats in the UK. <i>Veterinary Record</i> , 2004, 154, 245-6.	0.2	8
95	A/H1N1/pdm09 virus: dynamics of infection in pigs and people. <i>Veterinary Record</i> , 2011, 169, 151-152.	0.2	7
96	Pathology Associated with a Human Case of Rabies in the United Kingdom Caused by European Bat Lyssavirus Type-2. <i>Intervirology</i> , 2012, 55, 391-394.	1.2	7
97	Virus Pathotype and Deep Sequencing of the HA Gene of a Low Pathogenicity H7N1 Avian Influenza Virus Causing Mortality in Turkeys. <i>PLoS ONE</i> , 2014, 9, e87076.	1.1	7
98	Enhanced infectivity of H5N1 highly pathogenic avian influenza (HPAI) virus in pig ex vivo respiratory tract organ cultures following adaptation by in vitro passage. <i>Virus Research</i> , 2013, 178, 383-391.	1.1	5
99	Serological Evidence for Influenza A Virus Exposure in Wild Birds in Trinidad & Tobago. <i>Veterinary Sciences</i> , 2018, 5, 50.	0.6	5
100	Inactivated pandemic 2009 H1N1 influenza A virus human vaccines have different efficacy after homologous challenge in the ferret model. <i>Influenza and Other Respiratory Viruses</i> , 2021, 15, 142-153.	1.5	5
101	Expression of African swine fever virus envelope protein j13L inhibits vaccinia virus morphogenesis.. <i>Journal of General Virology</i> , 1998, 79, 1169-1178.	1.3	5
102	The use of immuno-gold silver staining in bluetongue virus adsorption and neutralisation studies. <i>Journal of Virological Methods</i> , 1994, 46, 117-132.	1.0	4
103	Granulocyte-macrophage colony stimulating factor promotes prolonged survival and the support of virulent infection by African swine fever virus of macrophages generated from porcine bone marrow and blood. <i>Journal of General Virology</i> , 1996, 77, 2625-2630.	1.3	4
104	Experimental infection of foxes with European bat lyssaviruses type-1 and -2. <i>Developments in Biologicals</i> , 2008, 131, 339-45.	0.4	2
105	Detection and strain differentiation of European bat lyssaviruses using in situ hybridisation. <i>Journal of Virological Methods</i> , 2004, 121, 223-229.	1.0	1
106	Cytokine Expression at Different Stages of Influenza A(H1N1)pdm09 Virus Infection in the Porcine Lung, Using Laser Capture Microdissection. <i>Transboundary and Emerging Diseases</i> , 2016, 63, e71-e79.	1.3	1
107	Comparison of sequencing methods and data processing pipelines for whole genome sequencing and minority single nucleotide variant (mSNV) analysis during an influenza A/H5N8 outbreak. <i>PLoS ONE</i> , 2020, 15, e0229326.	1.1	1
108	Testing to exclude notifiable disease in birds in Great Britain. <i>Veterinary Record</i> , 2021, 189, 207-207.	0.2	1

#	ARTICLE	IF	CITATIONS
109	Statistical modelling of data showing pandemic H1N1 2009 swine influenza A virus infection kinetics in vaccinated pigs. Data in Brief, 2019, 27, 104576.	0.5	0
110	Animal and Plant Health Agency Disinfection Webinar, November 2021. Journal of Medical Microbiology, 2022, 71, .	0.7	0