John Bingham

List of Publications by Year
in descending order

90 papers	3,888 citations	109321 35 h-index	133252 59 g-index
94 all docs	94 docs citations	94 times ranked	3939 citing authors

#	Article	IF	Citations
1	A One Medicine Mission for an Effective Rabies Therapy. Frontiers in Veterinary Science, 2022, 9, 867382.	2.2	4
2	Characterisation and natural progression of SARS-CoV-2 infection in ferrets. Scientific Reports, 2022, 12, 5680.	3.3	13
3	ChAdOx1 nCoV-19 (AZD1222) vaccine candidate significantly reduces SARS-CoV-2 shedding in ferrets. Npj Vaccines, 2021, 6, 67.	6.0	47
4	Drivers and Distribution of Henipavirus-Induced Syncytia: What Do We Know?. Viruses, 2021, 13, 1755.	3.3	8
5	A new Hendra virus genotype found in Australian flying foxes. Virology Journal, 2021, 18, 197.	3.4	40
6	Machine Learning Identifies Cellular and Exosomal MicroRNA Signatures of Lyssavirus Infection in Human Stem Cell-Derived Neurons. Frontiers in Cellular and Infection Microbiology, 2021, 11, 783140.	3.9	2
7	The Dynamics of the Ferret Immune Response During H7N9 Influenza Virus Infection. Frontiers in Immunology, 2020, 11, 559113.	4.8	0
8	Evaluation of Bluetongue Virus (BTV) Antibodies for the Immunohistochemical Detection of BTV and Other Orbiviruses. Microorganisms, 2020, 8, 1207.	3.6	1
9	Validation of laboratory tests for infectious diseases in wild mammals: review and recommendations. Journal of Veterinary Diagnostic Investigation, 2020, 32, 776-792.	1.1	14
10	Reagents for detection of Rift Valley fever virus infection in sheep. Journal of Veterinary Diagnostic Investigation, 2020, 32, 577-580.	1.1	1
11	Acute experimental infection of bats and ferrets with Hendra virus: Insights into the early host response of the reservoir host and susceptible model species. PLoS Pathogens, 2020, 16, e1008412.	4.7	22
12	Rift Valley fever: a review. Microbiology Australia, 2020, 41, 28.	0.4	1
13	Modelling Lyssavirus Infections in Human Stem Cell-Derived Neural Cultures. Viruses, 2020, 12, 359.	3.3	16
14	Novel role of SARM1 mediated axonal degeneration in the pathogenesis of rabies. PLoS Pathogens, 2020, 16, e1008343.	4.7	41
15	Attenuation of Bluetongue Virus (BTV) in an in ovo Model Is Related to the Changes of Viral Genetic Diversity of Cell-Culture Passaged BTV. Viruses, 2019, 11, 481.	3.3	5
16	Structural-based designed modular capsomere comprising HA1 for low-cost poultry influenza vaccination. Vaccine, 2018, 36, 3064-3071.	3.8	6
17	Evolution of high pathogenicity of H5 avian influenza virus: haemagglutinin cleavage site selection of reverse-genetics mutants during passage in chickens. Scientific Reports, 2018, 8, 11518.	3.3	18
18	An Australian Newcastle Disease Virus With a Virulent Fusion Protein Cleavage Site Produces Minimal Pathogenicity in Chickens. Veterinary Pathology, 2017, 54, 649-660.	1.7	7

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19	Gene expression analysis of whole blood RNA from pigs infected with low and high pathogenic African swine fever viruses. Scientific Reports, 2017, 7, 10115.	3.3	45
20	High pressure inactivation of selected avian viral pathogens in chicken meat homogenate. Food Control, 2017, 73, 215-222.	5.5	5
21	Highly Pathogenic Avian Influenza (H5N1) Virus in Feathers. Veterinary Pathology, 2017, 54, 226-233.	1.7	14
22	Development and validation of an immunoperoxidase antigen detection test for improved diagnosis of rabies in Indonesia. PLoS Neglected Tropical Diseases, 2017, 11, e0006079.	3.0	18
23	Morbillivirus-associated unusual mortality event in South Australian bottlenose dolphins is largest reported for the Southern Hemisphere. Royal Society Open Science, 2016, 3, 160838.	2.4	37
24	Atypical scrapie in Australia. Australian Veterinary Journal, 2016, 94, 452-455.	1.1	19
25	Predicting Disease Severity and Viral Spread of H5N1 Influenza Virus in Ferrets in the Context of Natural Exposure Routes. Journal of Virology, 2016, 90, 1888-1897.	3.4	13
26	Novel Reassortant H5N6 Influenza A Virus from the Lao Peopleâ€™s Democratic Republic Is Highly Pathogenic in Chickens. PLoS ONE, 2016, 11, e0162375.	2.5	15
27	Natural Hendra Virus Infection in Flying-Foxes - Tissue Tropism and Risk Factors. PLoS ONE, 2015, 10, e0128835.	2.5	45
28	Molecular pathogenesis of H5 highly pathogenic avian influenza: the role of the haemagglutinin cleavage site motif. Reviews in Medical Virology, 2015, 25, 406-430.	8.3	53
29	A comparative evaluation of feathers, oropharyngeal swabs, and cloacal swabs for the detection of H5N1 highly pathogenic avian influenza virus infection in experimentally infected chickens and ducks. Journal of Veterinary Diagnostic Investigation, 2015, 27, 704-715.	1.1	16
30	Reassortant Highly Pathogenic Influenza A(H5N6) Virus in Laos. Emerging Infectious Diseases, 2015, 21, 511-516.	4.3	103
31	Hendra Virus Vaccine, a One Health Approach to Protecting Horse, Human, and Environmental Health. Emerging Infectious Diseases, 2014, 20, 372-9.	4.3	159
32	Cetacean Morbillivirus in Coastal Indo-Pacific Bottlenose Dolphins, Western Australia. Emerging Infectious Diseases, 2014, 20, 672-676.	4.3	60
33	Proteomics informed by transcriptomics reveals Hendra virus sensitizes bat cells to TRAIL-mediated apoptosis. Genome Biology, 2014, 15, 532.	8.8	42
34	Evaluation of a mouse model for the West Nile virus group for the purpose of determining viral pathotypes. Journal of General Virology, 2014, 95, 1221-1232.	2.9	9
35	Australian bat lyssavirus infection in two horses. Veterinary Microbiology, 2014, 173, 224-231.	1.9	24
36	H5N1 infection causes rapid mortality and high cytokine levels in chickens compared to ducks. Virus Research, 2014, 185, 23-31.	2.2	66

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37	Proteomics informed by transcriptomics reveals Hendra virus sensitizes bat cells to TRAIL mediated apoptosis. Genome Biology, 2014, 15, 532.	9.6	30
38	Experimentally Infected Domestic Ducks Show Efficient Transmission of Indonesian H5N1 Highly Pathogenic Avian Influenza Virus, but Lack Persistent Viral Shedding. PLoS ONE, 2014, 9, e83417.	2.5	21
39	The pathobiology of two Indonesian H5N1 avian influenza viruses representing different clade 2.1 sublineages in chickens and ducks. Comparative Immunology, Microbiology and Infectious Diseases, 2013, 36, 175-191.	1.6	26
40	Dogs and rabies.. , 2013, , 43-66.		4
41	Confirmed case of encephalitis caused by Murray Valley encephalitis virus infection in a horse. Journal of Veterinary Diagnostic Investigation, 2012, 24, 431-436.	1.1	13
42	Comparison of serological assays for detecting antibodies in ducks exposed to H5 subtype avian influenza virus. BMC Veterinary Research, 2012, 8, 117.	1.9	12
43	Cygnet River Virus, a Novel Orthomyxovirus from Ducks, Australia. Emerging Infectious Diseases, 2012, 18, 2044-2046.	4.3	10
44	Multiple routes of invasion of wild-type Clade 1 highly pathogenic avian influenza H5N1 virus into the central nervous system (CNS) after intranasal exposure in ferrets. Acta Neuropathologica, 2012, 124, 505-516.	7.7	37
45	Menangle virus, a pteropid bat paramyxovirus infectious for pigs and humans, exhibits tropism for secondary lymphoid organs and intestinal epithelium in weaned pigs. Journal of General Virology, 2012, 93, 1007-1016.	2.9	20
46	Role of Position 627 of PB2 and the Multibasic Cleavage Site of the Hemagglutinin in the Virulence of H5N1 Avian Influenza Virus in Chickens and Ducks. PLoS ONE, 2012, 7, e30960.	2.5	60
47	Fatal cetacean morbillivirus infection in an Australian offshore bottlenose dolphin (Tursiops) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.1	32
48	Increased Inducible Nitric Oxide Synthase Expression in Organs Is Associated with a Higher Severity of H5N1 Influenza Virus Infection. PLoS ONE, 2011, 6, e14561.	2.5	41
49	A molecular and antigenic survey of H5N1 highly pathogenic avian influenza virus isolates from smallholder duck farms in Central Java, Indonesia during 2007-2008. Virology Journal, 2011, 8, 425.	3.4	21
50	Ebola Reston Virus Infection of Pigs: Clinical Significance and Transmission Potential. Journal of Infectious Diseases, 2011, 204, S804-S809.	4.0	104
51	Pteropid Bats are Confirmed as the Reservoir Hosts of Henipaviruses: A Comprehensive Experimental Study of Virus Transmission. American Journal of Tropical Medicine and Hygiene, 2011, 85, 946-951.	1.4	337
52	Highly Pathogenic (H5N1) Avian Influenza Induces an Inflammatory T Helper Type 1 Cytokine Response in the Chicken. Journal of Interferon and Cytokine Research, 2011, 31, 393-400.	1.2	52
53	Novel monoclonal antibodies against Menangle virus nucleocapsid protein. Archives of Virology, 2010, 155, 13-18.	2.1	2
54	Experimental studies of the role of the little raven (Corvus mellori) in surveillance for West Nile virus in Australia. Australian Veterinary Journal, 2010, 88, 204-210.	1.1	16

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55	A Neutralizing Human Monoclonal Antibody Protects against Lethal Disease in a New Ferret Model of Acute Nipah Virus Infection. PLoS Pathogens, 2009, 5, e1000642.	4.7	251
56	Infection studies with two highly pathogenic avian influenza strains (Vietnamese and Indonesian) in Pekin ducks (Anas platyrhynchos), with particular reference to clinical disease, tissue tropism and viral shedding. Avian Pathology, 2009, 38, 267-278.	2.0	55
57	Generation of Tioman virus nucleocapsid-like particles in yeast Saccharomyces cerevisiae. Virus Research, 2009, 145, 92-96.	2.2	15
58	Viral morphogenesis and morphological changes in human neuronal cells following Tioman and Menangle virus infection. Archives of Virology, 2008, 153, 865-875.	2.1	4
59	Development of a TaqMan PCR assay for the detection of Trypanosoma evansi, the agent of surra. Veterinary Parasitology, 2008, 153, 255-264.	1.8	22
60	A recombinant subunit vaccine formulation protects against lethal Nipah virus challenge in cats. Vaccine, 2008, 26, 3842-3852.	3.8	101
61	Tioman Virus, a Paramyxovirus of Bat Origin, Causes Mild Disease in Pigs and Has a Predilection for Lymphoid Tissues. Journal of Virology, 2008, 82, 565-568.	3.4	42
62	Infection trials in pigs with a human isolate ofBrucella(isolate 02/611 â€˜marine mammal typeâ€™). New Zealand Veterinary Journal, 2008, 56, 10-14.	0.9	6
63	Synchronous cycles of domestic dog rabies in sub-Saharan Africa and the impact of control efforts. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7717-7722.	7.1	132
64	Vertical Transmission and Fetal Replication of Nipah Virus in an Experimentally Infected Cat. Journal of Infectious Diseases, 2007, 196, 812-816.	4.0	46
65	Efficacy of inactivated vaccines against H5N1 avian influenza infection in ducks. Virology, 2007, 359, 66-71.	2.4	63
66	Tioman virus infection in experimentally infected mouse brain and its association with apoptosis. Journal of Virological Methods, 2007, 143, 140-146.	2.1	7
67	Targeted Strategies for Henipavirus Therapeutics. The Open Virology Journal, 2007, 1, 14-25.	1.8	16
68	Investigation of prion removal/inactivation from chromatographic gel. Vox Sanguinis, 2006, 91, 301-308.	1.5	8
69	Feline Model of Acute Nipah Virus Infection and Protection with a Soluble Glycoprotein-Based Subunit Vaccine. Journal of Virology, 2006, 80, 12293-12302.	3.4	166
70	Cultured skin fibroblast cells derived from bluetongue virus-inoculated sheep and field-infected cattle are not a source of late and protracted recoverable virus. Journal of General Virology, 2006, 87, 3661-3666.	2.9	20
71	Canine Rabies Ecology in Southern Africa. Emerging Infectious Diseases, 2005, 11, 1337-1342.	4.3	64
72	Mongoose rabies in southern Africa: a re-evaluation based on molecular epidemiology. Virus Research, 2005, 109, 165-173.	2.2	93

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73	A second outbreak of rabies in African wild dogs (Lycaon pictus) in Madikwe Game Reserve, South Africa, demonstrating the efficacy of vaccination against natural rabies challenge. Animal Conservation, 2004, 7, 193-198.	2.9	47
74	Free-ranging domestic dogs (Canis familiaris) as predators and prey in rural Zimbabwe: threats of competition and disease to large wild carnivores. Biological Conservation, 2004, 115, 369-378.	4.1	240
75	Molecular epidemiology of canid rabies in Zimbabwe and South Africa. Virus Research, 2003, 91, 203-211.	2.2	67
76	Histological evidence of chytridiomycete fungal infection in a free-ranging amphibian, Afrana fuscigula (Anura: Ranidae), in South Africa : short communication. Journal of the South African Veterinary Association, 2003, 74, 20-1.	0.6	13
77	DEVELOPMENT OF A BAIT AND BAITING SYSTEM FOR DELIVERY OF ORAL RABIES VACCINE TO FREE-RANGING AFRICAN WILD DOGS (LYCAON PICTUS). Journal of Wildlife Diseases, 2002, 38, 352-362.	0.8	43
78	Immunogenicity of a recombinant lumpy skin disease virus (neethling vaccine strain) expressing the rabies virus glycoprotein in cattle. Vaccine, 2002, 20, 2693-2701.	3.8	41
79	Clinical and serological response of wild dogs (Lycaon pictus) to vaccination against canine distemper, canine parvovirus infection and rabies. Journal of the South African Veterinary Association, 2002, 73, 8-12.	0.6	25
80	Distribution of rabies antigen in infected brain material: determining the reliability of different regions of the brain for the rabies fluorescent antibody test. Journal of Virological Methods, 2002, 101, 85-94.	2.1	62
81	New cases of Mokola virus infection in South Africa: a genotypic comparison of Southern African virus isolates. Virus Genes, 2000, 20, 103-106.	1.6	50
82	Rabies in African wild dogs (Lycaon pitus) in the Madikwe Game Reserve, South Africa. Veterinary Record, 2000, 146, 50-52.	0.3	79
83	Demography and dogâ€human relationships of the dog population in Zimbabwean communal lands. Veterinary Record, 2000, 147, 442-446.	0.3	121
84	Dogs and rabies.. , 2000, , 63-90.		7
85	Efficacy of SAG-2 oral rabies vaccine in two species of jackal (Canis adustus and Canis mesomelas). Vaccine, 1999, 17, 551-558.	3.8	54
86	Innocuity studies of SAG-2 oral rabies vaccine in various Zimbabwean wild non-target species. Vaccine, 1997, 15, 937-943.	3.8	23
87	Efficacy of SAD (Berne) Rabies Vaccine Given by the Oral Route in Two Species of Jackal (Canis) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	12
88	Rabies incubation in an African civet (Civettictis civetta). Veterinary Record, 1994, 134, 528-528.	0.3	9
89	Naturally occurring tetracycline-like fluorescence in sections of femur from jackals in Zimbabwe. Veterinary Record, 1994, 135, 180-182.	0.3	2
90	Pathogenicity of SAD rabies vaccine given orally in chacma baboons (Papio ursinus). Veterinary Record, 1992, 131, 55-56.	0.3	45