

# John Bingham

## List of Publications by Year in descending order

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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  | Pteropid Bats are Confirmed as the Reservoir Hosts of Henipaviruses: A Comprehensive Experimental Study of Virus Transmission. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011, 85, 946-951.                 | 1.4 | 337       |
| 2  | A Neutralizing Human Monoclonal Antibody Protects against Lethal Disease in a New Ferret Model of Acute Nipah Virus Infection. <i>PLoS Pathogens</i> , 2009, 5, e1000642.  | 4.7 | 251       |
| 3  | Free-ranging domestic dogs ( <i>Canis familiaris</i> ) as predators and prey in rural Zimbabwe: threats of competition and disease to large wild carnivores. <i>Biological Conservation</i> , 2004, 115, 369-378.            | 4.1 | 240       |
| 4  | Feline Model of Acute Nipah Virus Infection and Protection with a Soluble Glycoprotein-Based Subunit Vaccine. <i>Journal of Virology</i> , 2006, 80, 12293-12302.  | 3.4 | 166       |
| 5  | Hendra Virus Vaccine, a One Health Approach to Protecting Horse, Human, and Environmental Health. <i>Emerging Infectious Diseases</i> , 2014, 20, 372-9.   | 4.3 | 159       |
| 6  | Synchronous cycles of domestic dog rabies in sub-Saharan Africa and the impact of control efforts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7717-7722.            | 7.1 | 132       |
| 7  | Demography and dog-human relationships of the dog population in Zimbabwean communal lands. <i>Veterinary Record</i> , 2000, 147, 442-446.  | 0.3 | 121       |
| 8  | Ebola Reston Virus Infection of Pigs: Clinical Significance and Transmission Potential. <i>Journal of Infectious Diseases</i> , 2011, 204, S804-S809.  | 4.0 | 104       |
| 9  | Reassortant Highly Pathogenic Influenza A(H5N6) Virus in Laos. <i>Emerging Infectious Diseases</i> , 2015, 21, 511-516.  | 4.3 | 103       |
| 10 | A recombinant subunit vaccine formulation protects against lethal Nipah virus challenge in cats. <i>Vaccine</i> , 2008, 26, 3842-3852.   | 3.8 | 101       |
| 11 | Mongoose rabies in southern Africa: a re-evaluation based on molecular epidemiology. <i>Virus Research</i> , 2005, 109, 165-173.   | 2.2 | 93        |
| 12 | Rabies in African wild dogs ( <i>Lycaon pitus</i> ) in the Madikwe Game Reserve, South Africa. <i>Veterinary Record</i> , 2000, 146, 50-52.  | 0.3 | 79        |
| 13 | Molecular epidemiology of canid rabies in Zimbabwe and South Africa. <i>Virus Research</i> , 2003, 91, 203-211.  | 2.2 | 67        |
| 14 | H5N1 infection causes rapid mortality and high cytokine levels in chickens compared to ducks. <i>Virus Research</i> , 2014, 185, 23-31.  | 2.2 | 66        |
| 15 | Canine Rabies Ecology in Southern Africa. <i>Emerging Infectious Diseases</i> , 2005, 11, 1337-1342.   | 4.3 | 64        |
| 16 | Efficacy of inactivated vaccines against H5N1 avian influenza infection in ducks. <i>Virology</i> , 2007, 359, 66-71.  | 2.4 | 63        |
| 17 | Distribution of rabies antigen in infected brain material: determining the reliability of different regions of the brain for the rabies fluorescent antibody test. <i>Journal of Virological Methods</i> , 2002, 101, 85-94. | 2.1 | 62        |
| 18 | Cetacean Morbillivirus in Coastal Indo-Pacific Bottlenose Dolphins, Western Australia. <i>Emerging Infectious Diseases</i> , 2014, 20, 672-676.  | 4.3 | 60        |

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|----|--|-----|-----------|
| 19 | 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. <i>PLoS ONE</i> , 2012, 7, e30960.   | 2.5 | 60        |
| 20 | Infection studies with two highly pathogenic avian influenza strains (Vietnamese and Indonesian) in Pekin ducks ( <i>Anas platyrhynchos</i> ), with particular reference to clinical disease, tissue tropism and viral shedding. <i>Avian Pathology</i> , 2009, 38, 267-278. | 2.0 | 55        |
| 21 | Efficacy of SAG-2 oral rabies vaccine in two species of jackal ( <i>Canis adustus</i> and <i>Canis mesomelas</i> ). <i>Vaccine</i> , 1999, 17, 551-558.  | 3.8 | 54        |
| 22 | Molecular pathogenesis of H5 highly pathogenic avian influenza: the role of the haemagglutinin cleavage site motif. <i>Reviews in Medical Virology</i> , 2015, 25, 406-430.  | 8.3 | 53        |
| 23 | Highly Pathogenic (H5N1) Avian Influenza Induces an Inflammatory T Helper Type 1 Cytokine Response in the Chicken. <i>Journal of Interferon and Cytokine Research</i> , 2011, 31, 393-400.   | 1.2 | 52        |
| 24 | New cases of Mokola virus infection in South Africa: a genotypic comparison of Southern African virus isolates. <i>Virus Genes</i> , 2000, 20, 103-106.  | 1.6 | 50        |
| 25 | A second outbreak of rabies in African wild dogs ( <i>Lycaon pictus</i> ) in Madikwe Game Reserve, South Africa, demonstrating the efficacy of vaccination against natural rabies challenge. <i>Animal Conservation</i> , 2004, 7, 193-198.                                  | 2.9 | 47        |
| 26 | ChAdOx1 nCoV-19 (AZD1222) vaccine candidate significantly reduces SARS-CoV-2 shedding in ferrets. <i>Npj Vaccines</i> , 2021, 6, 67.   | 6.0 | 47        |
| 27 | Vertical Transmission and Fetal Replication of Nipah Virus in an Experimentally Infected Cat. <i>Journal of Infectious Diseases</i> , 2007, 196, 812-816.  | 4.0 | 46        |
| 28 | Natural Hendra Virus Infection in Flying-Foxes - Tissue Tropism and Risk Factors. <i>PLoS ONE</i> , 2015, 10, e0128835.  | 2.5 | 45        |
| 29 | Gene expression analysis of whole blood RNA from pigs infected with low and high pathogenic African swine fever viruses. <i>Scientific Reports</i> , 2017, 7, 10115.   | 3.3 | 45        |
| 30 | Pathogenicity of SAD rabies vaccine given orally in chacma baboons ( <i>Papio ursinus</i> ). <i>Veterinary Record</i> , 1992, 131, 55-56.  | 0.3 | 45        |
| 31 | DEVELOPMENT OF A BAIT AND BAITING SYSTEM FOR DELIVERY OF ORAL RABIES VACCINE TO FREE-RANGING AFRICAN WILD DOGS ( <i>LYCAON PICTUS</i> ). <i>Journal of Wildlife Diseases</i> , 2002, 38, 352-362.  | 0.8 | 43        |
| 32 | Tioman Virus, a Paramyxovirus of Bat Origin, Causes Mild Disease in Pigs and Has a Predilection for Lymphoid Tissues. <i>Journal of Virology</i> , 2008, 82, 565-568.  | 3.4 | 42        |
| 33 | Proteomics informed by transcriptomics reveals Hendra virus sensitizes bat cells to TRAIL-mediated apoptosis. <i>Genome Biology</i> , 2014, 15, 532.   | 8.8 | 42        |
| 34 | Immunogenicity of a recombinant lumpy skin disease virus (neethling vaccine strain) expressing the rabies virus glycoprotein in cattle. <i>Vaccine</i> , 2002, 20, 2693-2701.  | 3.8 | 41        |
| 35 | Increased Inducible Nitric Oxide Synthase Expression in Organs Is Associated with a Higher Severity of H5N1 Influenza Virus Infection. <i>PLoS ONE</i> , 2011, 6, e14561.  | 2.5 | 41        |
| 36 | Novel role of SARM1 mediated axonal degeneration in the pathogenesis of rabies. <i>PLoS Pathogens</i> , 2020, 16, e1008343.  | 4.7 | 41        |

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|----|---|-----|-----------|
| 37 | A new Hendra virus genotype found in Australian flying foxes. <i>Virology Journal</i> , 2021, 18, 197.  | 3.4 | 40        |
| 38 | 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. <i>Acta Neuropathologica</i> , 2012, 124, 505-516.          | 7.7 | 37        |
| 39 | Morbillivirus-associated unusual mortality event in South Australian bottlenose dolphins is largest reported for the Southern Hemisphere. <i>Royal Society Open Science</i> , 2016, 3, 160838.  | 2.4 | 37        |
| 40 | Fatal cetacean morbillivirus infection in an Australian offshore bottlenose dolphin ( <i>Tursiops</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T  | 1.1 | 32        |
| 41 | Proteomics informed by transcriptomics reveals Hendra virus sensitizes bat cells to TRAIL mediated apoptosis. <i>Genome Biology</i> , 2014, 15, 532.  | 9.6 | 30        |
| 42 | The pathobiology of two Indonesian H5N1 avian influenza viruses representing different clade 2.1 sublineages in chickens and ducks. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2013, 36, 175-191.          | 1.6 | 26        |
| 43 | Clinical and serological response of wild dogs ( <i>Lycaon pictus</i> ) to vaccination against canine distemper, canine parvovirus infection and rabies. <i>Journal of the South African Veterinary Association</i> , 2002, 73, 8-12. | 0.6 | 25        |
| 44 | Australian bat lyssavirus infection in two horses. <i>Veterinary Microbiology</i> , 2014, 173, 224-231.   | 1.9 | 24        |
| 45 | Innocuity studies of SAG-2 oral rabies vaccine in various Zimbabwean wild non-target species. <i>Vaccine</i> , 1997, 15, 937-943.   | 3.8 | 23        |
| 46 | Development of a TaqMan PCR assay for the detection of <i>Trypanosoma evansi</i> , the agent of surra. <i>Veterinary Parasitology</i> , 2008, 153, 255-264.   | 1.8 | 22        |
| 47 | Acute experimental infection of bats and ferrets with Hendra virus: Insights into the early host response of the reservoir host and susceptible model species. <i>PLoS Pathogens</i> , 2020, 16, e1008412.                            | 4.7 | 22        |
| 48 | A molecular and antigenic survey of H5N1 highly pathogenic avian influenza virus isolates from smallholder duck farms in Central Java, Indonesia during 2007-2008. <i>Virology Journal</i> , 2011, 8, 425.                            | 3.4 | 21        |
| 49 | Experimentally Infected Domestic Ducks Show Efficient Transmission of Indonesian H5N1 Highly Pathogenic Avian Influenza Virus, but Lack Persistent Viral Shedding. <i>PLoS ONE</i> , 2014, 9, e83417.                                 | 2.5 | 21        |
| 50 | Cultured skin fibroblast cells derived from bluetongue virus-inoculated sheep and field-infected cattle are not a source of late and protracted recoverable virus. <i>Journal of General Virology</i> , 2006, 87, 3661-3666.          | 2.9 | 20        |
| 51 | Menangle virus, a pteropid bat paramyxovirus infectious for pigs and humans, exhibits tropism for secondary lymphoid organs and intestinal epithelium in weaned pigs. <i>Journal of General Virology</i> , 2012, 93, 1007-1016.       | 2.9 | 20        |
| 52 | Atypical scrapie in Australia. <i>Australian Veterinary Journal</i> , 2016, 94, 452-455.  | 1.1 | 19        |
| 53 | Evolution of high pathogenicity of H5 avian influenza virus: haemagglutinin cleavage site selection of reverse-genetics mutants during passage in chickens. <i>Scientific Reports</i> , 2018, 8, 11518.                               | 3.3 | 18        |
| 54 | Development and validation of an immunoperoxidase antigen detection test for improved diagnosis of rabies in Indonesia. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006079.   | 3.0 | 18        |

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|----|--|-----|-----------|
| 55 | Experimental studies of the role of the little raven ( <i>Corvus mellori</i> ) in surveillance for West Nile virus in Australia. <i>Australian Veterinary Journal</i> , 2010, 88, 204-210.   | 1.1 | 16        |
| 56 | 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. <i>Journal of Veterinary Diagnostic Investigation</i> , 2015, 27, 704-715. | 1.1 | 16        |
| 57 | Modelling Lyssavirus Infections in Human Stem Cell-Derived Neural Cultures. <i>Viruses</i> , 2020, 12, 359.  | 3.3 | 16        |
| 58 | Targeted Strategies for Henipavirus Therapeutics. <i>The Open Virology Journal</i> , 2007, 1, 14-25.   | 1.8 | 16        |
| 59 | Generation of Tioman virus nucleocapsid-like particles in yeast <i>Saccharomyces cerevisiae</i> . <i>Virus Research</i> , 2009, 145, 92-96.  | 2.2 | 15        |
| 60 | Novel Reassortant H5N6 Influenza A Virus from the Lao People's Democratic Republic Is Highly Pathogenic in Chickens. <i>PLoS ONE</i> , 2016, 11, e0162375.   | 2.5 | 15        |
| 61 | Highly Pathogenic Avian Influenza (H5N1) Virus in Feathers. <i>Veterinary Pathology</i> , 2017, 54, 226-233.   | 1.7 | 14        |
| 62 | Validation of laboratory tests for infectious diseases in wild mammals: review and recommendations. <i>Journal of Veterinary Diagnostic Investigation</i> , 2020, 32, 776-792.   | 1.1 | 14        |
| 63 | Histological evidence of chytridiomycete fungal infection in a free-ranging amphibian, <i>Afrana fuscigula</i> (Anura: Ranidae), in South Africa : short communication. <i>Journal of the South African Veterinary Association</i> , 2003, 74, 20-1.                               | 0.6 | 13        |
| 64 | Confirmed case of encephalitis caused by Murray Valley encephalitis virus infection in a horse. <i>Journal of Veterinary Diagnostic Investigation</i> , 2012, 24, 431-436.   | 1.1 | 13        |
| 65 | Predicting Disease Severity and Viral Spread of H5N1 Influenza Virus in Ferrets in the Context of Natural Exposure Routes. <i>Journal of Virology</i> , 2016, 90, 1888-1897.   | 3.4 | 13        |
| 66 | Characterisation and natural progression of SARS-CoV-2 infection in ferrets. <i>Scientific Reports</i> , 2022, 12, 5680.   | 3.3 | 13        |
| 67 | Efficacy of SAD (Berne) Rabies Vaccine Given by the Oral Route in Two Species of Jackal ( <i>Canis</i> ) Tj ETQq1 1 0.784314.rgBT /Overlock 12   | 0.8 | 12        |
| 68 | Comparison of serological assays for detecting antibodies in ducks exposed to H5 subtype avian influenza virus. <i>BMC Veterinary Research</i> , 2012, 8, 117.   | 1.9 | 12        |
| 69 | Cygnets River Virus, a Novel Orthomyxovirus from Ducks, Australia. <i>Emerging Infectious Diseases</i> , 2012, 18, 2044-2046.  | 4.3 | 10        |
| 70 | Evaluation of a mouse model for the West Nile virus group for the purpose of determining viral pathotypes. <i>Journal of General Virology</i> , 2014, 95, 1221-1232.   | 2.9 | 9         |
| 71 | Rabies incubation in an African civet ( <i>Civettictis civetta</i> ). <i>Veterinary Record</i> , 1994, 134, 528-528.   | 0.3 | 9         |
| 72 | Investigation of prion removal/inactivation from chromatographic gel. <i>Vox Sanguinis</i> , 2006, 91, 301-308.  | 1.5 | 8         |

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|----|---|-----|-----------|
| 73 | Drivers and Distribution of Henipavirus-Induced Syncytia: What Do We Know?. <i>Viruses</i> , 2021, 13, 1755.  | 3.3 | 8         |
| 74 | Tioman virus infection in experimentally infected mouse brain and its association with apoptosis. <i>Journal of Virological Methods</i> , 2007, 143, 140-146.   | 2.1 | 7         |
| 75 | An Australian Newcastle Disease Virus With a Virulent Fusion Protein Cleavage Site Produces Minimal Pathogenicity in Chickens. <i>Veterinary Pathology</i> , 2017, 54, 649-660.                               | 1.7 | 7         |
| 76 | Dogs and rabies.. , 2000, , 63-90.  |     | 7         |
| 77 | Infection trials in pigs with a human isolate of Brucella(isolate 02/611 â€˜marine mammal typeâ€™™). <i>New Zealand Veterinary Journal</i> , 2008, 56, 10-14.   | 0.9 | 6         |
| 78 | Structural-based designed modular capsomere comprising HA1 for low-cost poultry influenza vaccination. <i>Vaccine</i> , 2018, 36, 3064-3071.  | 3.8 | 6         |
| 79 | High pressure inactivation of selected avian viral pathogens in chicken meat homogenate. <i>Food Control</i> , 2017, 73, 215-222.   | 5.5 | 5         |
| 80 | Attenuation of Bluetongue Virus (BTV) in an in ovo Model Is Related to the Changes of Viral Genetic Diversity of Cell-Culture Passaged BTV. <i>Viruses</i> , 2019, 11, 481.                                   | 3.3 | 5         |
| 81 | Viral morphogenesis and morphological changes in human neuronal cells following Tioman and Menangle virus infection. <i>Archives of Virology</i> , 2008, 153, 865-875.  | 2.1 | 4         |
| 82 | Dogs and rabies.. , 2013, , 43-66.  |     | 4         |
| 83 | A One Medicine Mission for an Effective Rabies Therapy. <i>Frontiers in Veterinary Science</i> , 2022, 9, 867382.   | 2.2 | 4         |
| 84 | Novel monoclonal antibodies against Menangle virus nucleocapsid protein. <i>Archives of Virology</i> , 2010, 155, 13-18.  | 2.1 | 2         |
| 85 | Naturally occurring tetracycline-like fluorescence in sections of femur from jackals in Zimbabwe. <i>Veterinary Record</i> , 1994, 135, 180-182.  | 0.3 | 2         |
| 86 | Machine Learning Identifies Cellular and Exosomal MicroRNA Signatures of Lyssavirus Infection in Human Stem Cell-Derived Neurons. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 783140. | 3.9 | 2         |
| 87 | Evaluation of Bluetongue Virus (BTV) Antibodies for the Immunohistochemical Detection of BTV and Other Orbiviruses. <i>Microorganisms</i> , 2020, 8, 1207.  | 3.6 | 1         |
| 88 | Reagents for detection of Rift Valley fever virus infection in sheep. <i>Journal of Veterinary Diagnostic Investigation</i> , 2020, 32, 577-580.  | 1.1 | 1         |
| 89 | Rift Valley fever: a review. <i>Microbiology Australia</i> , 2020, 41, 28.  | 0.4 | 1         |
| 90 | The Dynamics of the Ferret Immune Response During H7N9 Influenza Virus Infection. <i>Frontiers in Immunology</i> , 2020, 11, 559113.  | 4.8 | 0         |