

# Duncan Hannant

## List of Publications by Year in descending order

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89  
papers

2,765  
citations

147566

31  
h-index

182168

51  
g-index

94  
all docs

94  
docs citations

94  
times ranked

1443  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The status of tularemia in Europe in a one-health context: a review. <i>Epidemiology and Infection</i> , 2015, 143, 2137-2160.   | 1.0 | 112       |
| 2  | Vaccination against equine influenza: Quid novi?. <i>Vaccine</i> , 2006, 24, 4047-4061.  | 1.7 | 104       |
| 3  | Distribution of Equid herpesvirus-1 (EHV-1) in respiratory tract associated lymphoid tissue: implications for cellular immunity. <i>Equine Veterinary Journal</i> , 1994, 26, 470-473.   | 0.9 | 102       |
| 4  | Antigenicity and immunogenicity of equine influenza vaccines containing a Carbomer adjuvant. <i>Epidemiology and Infection</i> , 1994, 112, 421-437.   | 1.0 | 98        |
| 5  | Experimental infection of ponies with equine influenza (H3N8) viruses by intranasal inoculation or exposure to aerosols. <i>Equine Veterinary Journal</i> , 1990, 22, 93-98.   | 0.9 | 95        |
| 6  | Abortion of virologically negative foetuses following experimental challenge of pregnant pony mares with Equid herpesvirus 1. <i>Equine Veterinary Journal</i> , 1992, 24, 256-259.  | 0.9 | 90        |
| 7  | Immunity to equine influenza: relationship of vaccine-induced antibody in young Thoroughbred racehorses to protection against field infection with influenza A/equine-2 viruses (H3N8). <i>Equine Veterinary Journal</i> , 2000, 32, 65-74.              | 0.9 | 88        |
| 8  | Clinical and virological evaluation of the efficacy of an inactivated EHV1 and EHV4 whole virus vaccine (Duvaxyn EHV1,4). Vaccination/challenge experiments in foals and pregnant mares. <i>Vaccine</i> , 2001, 19, 4307-4317.                           | 1.7 | 84        |
| 9  | The equine immune response to equine herpesvirus-1: The virus and its vaccines. <i>Veterinary Immunology and Immunopathology</i> , 2006, 111, 15-30.   | 0.5 | 84        |
| 10 | Duration of circulating antibody and immunity following infection with equine influenza virus. <i>Veterinary Record</i> , 1988, 122, 125-128.  | 0.2 | 84        |
| 11 | Prevalence of equine herpesvirus types 2 and 5 in horse populations by using type-specific PCR assays. <i>Veterinary Research</i> , 2002, 33, 251-259.   | 1.1 | 77        |
| 12 | Pre-infection frequencies of equine herpesvirus-1 specific, cytotoxic T lymphocytes correlate with protection against abortion following experimental infection of pregnant mares. <i>Veterinary Immunology and Immunopathology</i> , 2003, 96, 207-217. | 0.5 | 75        |
| 13 | Duration of protective efficacy of equine influenza immunostimulating complex/tetanus vaccines. <i>Veterinary Record</i> , 1994, 134, 158-162.   | 0.2 | 72        |
| 14 | Antigenicity and immunogenicity of experimental equine influenza ISCOM vaccines. <i>Vaccine</i> , 1994, 12, 857-863.   | 1.7 | 71        |
| 15 | Responses of ponies to equid herpesvirus-1 Iscom vaccination and challenge with virus of the homologous strain. <i>Research in Veterinary Science</i> , 1993, 54, 299-305.   | 0.9 | 67        |
| 16 | Distribution of Equid herpesvirus-1 (EHV-1) in the respiratory tract of ponies: implications for vaccination strategies. <i>Equine Veterinary Journal</i> , 1994, 26, 466-469.   | 0.9 | 67        |
| 17 | Antibody and IFN- $\gamma$ responses induced by a recombinant canarypox vaccine and challenge infection with equine influenza virus. <i>Veterinary Immunology and Immunopathology</i> , 2006, 112, 225-233.  | 0.5 | 65        |
| 18 | An immunohistological study of the uterus of mares following experimental infection by Equid herpesvirus 1. <i>Equine Veterinary Journal</i> , 1993, 25, 36-40.  | 0.9 | 64        |

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|----|---|-----|-----------|
| 19 | The outbreak of equine influenza (H3N8) in the United Kingdom in 1989: diagnostic use of an antigen capture ELISA. <i>Veterinary Record</i> , 1993, 133, 515-519.   | 0.2 | 59        |
| 20 | Equine interferon gamma synthesis in lymphocytes after in vivo infection and in vitro stimulation with EHV-1. <i>Vaccine</i> , 2005, 23, 4541-4551.   | 1.7 | 57        |
| 21 | Determination of equid herpesvirus 1-specific, CD8+, cytotoxic T lymphocyte precursor frequencies in ponies. <i>Veterinary Immunology and Immunopathology</i> , 1999, 70, 43-54.  | 0.5 | 54        |
| 22 | The effect of aging on T cell responses in the horse. <i>Developmental and Comparative Immunology</i> , 2002, 26, 121-128.  | 1.0 | 51        |
| 23 | Estimation of heritability of atopic dermatitis in Labrador and Golden Retrievers. <i>American Journal of Veterinary Research</i> , 2004, 65, 1014-1020.  | 0.3 | 45        |
| 24 | Cell mediated immune responses in ponies following infection with equine influenza virus (H3N8): the influence of induction culture conditions on the properties of cytotoxic effector cells. <i>Veterinary Immunology and Immunopathology</i> , 1989, 21, 327-337. | 0.5 | 44        |
| 25 | Experimental Infection of Ponies with Equine Influenza A2 (H3N8) Virus Strains of Different Pathogenicity Elicits Varying Interferon and Interleukin-6 Responses. <i>Viral Immunology</i> , 2003, 16, 57-67.  | 0.6 | 41        |
| 26 | Immune responses and protective efficacy in ponies immunised with an equine influenza ISCOM vaccine containing an "American lineage"™ H3N8 virus. <i>Vaccine</i> , 2004, 23, 418-425.   | 1.7 | 40        |
| 27 | Characterisation of CTL and IFN- $\gamma$ synthesis in ponies following vaccination with a NYVAC-based construct coding for EHV-1 immediate early gene, followed by challenge infection. <i>Vaccine</i> , 2006, 24, 1490-1500.                                      | 1.7 | 39        |
| 28 | The use of a systemic prime/mucosal boost strategy with an equine influenza ISCOM vaccine to induce protective immunity in horses. <i>Veterinary Immunology and Immunopathology</i> , 2005, 108, 345-355.   | 0.5 | 37        |
| 29 | Use of Wild Bird Surveillance, Human Case Data and GIS Spatial Analysis for Predicting Spatial Distributions of West Nile Virus in Greece. <i>PLoS ONE</i> , 2014, 9, e96935.   | 1.1 | 36        |
| 30 | In vitro characterisation of high and low virulence isolates of equine herpesvirus-1 and -4. <i>Research in Veterinary Science</i> , 2003, 75, 83-86.   | 0.9 | 33        |
| 31 | Serological responses of specific pathogen-free foals to equine herpesvirus-1: primary and secondary infection, and reactivation. <i>Veterinary Microbiology</i> , 1992, 32, 199-214.   | 0.8 | 30        |
| 32 | Increased release of hydrogen peroxide and superoxide anion from asbestos-primed macrophages. <i>Inflammation</i> , 1985, 9, 139-147.   | 1.7 | 29        |
| 33 | Residence and recruitment of leucocytes to the equine lung after EHV-1 infection. <i>Veterinary Immunology and Immunopathology</i> , 1996, 52, 15-26.   | 0.5 | 29        |
| 34 | Frequency and phenotype of EHV-1 specific, IFN- $\gamma$ synthesising lymphocytes in ponies: The effects of age, pregnancy and infection. <i>Developmental and Comparative Immunology</i> , 2007, 31, 202-214.  | 1.0 | 28        |
| 35 | Antibody isotype responses in the serum and respiratory tract to primary and secondary infections with equine influenza virus (H3N8). <i>Veterinary Microbiology</i> , 1989, 19, 293-303.   | 0.8 | 27        |
| 36 | Modulation of the serological response of specific pathogen-free (EHV-free) foals to EHV-1 by previous infection with EHV-4 or a TK-deletion mutant of EHV-1. <i>Archives of Virology</i> , 1993, 132, 101-120.   | 0.9 | 27        |

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|----|--|-----|-----------|
| 37 | Susceptibility of ponies to infection with <i>Streptococcus pneumoniae</i> (capsular type 3). <i>Equine Veterinary Journal</i> , 1994, 26, 22-28.  | 0.9 | 27        |
| 38 | Virulence of the V592 Isolate of Equid Herpesvirus-1 in Ponies. <i>Journal of Comparative Pathology</i> , 2000, 122, 288-297.  | 0.1 | 27        |
| 39 | New assays to measure equine influenza virus-specific Type 1 immunity in horses. <i>Vaccine</i> , 2007, 25, 7385-7398.   | 1.7 | 27        |
| 40 | Some epidemiological aspects of mammary neoplasia in the bitch. <i>Veterinary Record</i> , 1979, 104, 296-304.   | 0.2 | 26        |
| 41 | Detection of equine arteritis virus (EAV)-specific cytotoxic CD8+ T lymphocyte precursors from EAV-infected ponies. <i>Journal of General Virology</i> , 2003, 84, 2745-2753.  | 1.3 | 22        |
| 42 | The ecology of wildlife disease surveillance: demographic and prevalence fluctuations undermine surveillance. <i>Journal of Applied Ecology</i> , 2016, 53, 1460-1469.   | 1.9 | 22        |
| 43 | Use of an internal standard in a closed one-tube RT-PCR for the detection of equine arteritis virus RNA with fluorescent probes. <i>Veterinary Research</i> , 2003, 34, 165-176.   | 1.1 | 22        |
| 44 | Mucosal immunology: overview and potential in the veterinary species. <i>Veterinary Immunology and Immunopathology</i> , 2002, 87, 265-267.  | 0.5 | 20        |
| 45 | Evaluation of a prototype sub-unit vaccine against equine arteritis virus comprising the entire ectodomain of the virus large envelope glycoprotein (GL): induction of virus-neutralizing antibody and assessment of protection in ponies. <i>Journal of General Virology</i> , 2001, 82, 2425-2435. | 1.3 | 20        |
| 46 | Equid Herpesvirus-Induced Associated with Lymphoid Circulating Immunosuppression is Cells and Not Soluble Factors. <i>Viral Immunology</i> , 1999, 12, 313-321.  | 0.6 | 17        |
| 47 | Response of ponies to adjuvanted EHV-1 whole virus vaccine and challenge with virus of the homologous strain. <i>British Veterinary Journal</i> , 1995, 151, 27-37.  | 0.5 | 16        |
| 48 | Extended Phylogeny of Equine Arteritis Virus: Division into New Subgroups. <i>Zoonoses and Public Health</i> , 2006, 53, 55-58.  | 1.4 | 16        |
| 49 | A molecular approach to the identification of cytotoxic T-lymphocyte epitopes within equine herpesvirus 1. <i>Journal of General Virology</i> , 2006, 87, 2507-2515.   | 1.3 | 16        |
| 50 | The production of equine monoclonal immunoglobulins by horse-mouse heterohybridomas. <i>Veterinary Immunology and Immunopathology</i> , 1992, 33, 129-143.   | 0.5 | 15        |
| 51 | Antigen array for serological diagnosis and novel allergen identification in severe equine asthma. <i>Scientific Reports</i> , 2019, 9, 15170.   | 1.6 | 15        |
| 52 | Natural killer cells in normal horses and specific-pathogen-free foals infected with equine herpesvirus. <i>Veterinary Immunology and Immunopathology</i> , 1992, 33, 103-113.   | 0.5 | 11        |
| 53 | Screening of horse polyclonal antibodies with a random peptide library displayed on phage: identification of ligands used as antigens in an ELISA test to detect the presence of antibodies to equine arteritis virus. <i>Journal of Virological Methods</i> , 1998, 73, 175-183.                    | 1.0 | 11        |
| 54 | Rabies outbreak in Greece during 2012-2014: use of Geographical Information System for analysis, risk assessment and control. <i>Epidemiology and Infection</i> , 2016, 144, 3068-3079.  | 1.0 | 11        |

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|----|--|-----|-----------|
| 55 | Utilisation of bacteriophage display libraries to identify peptide sequences recognised by Equine herpesvirus type 1 specific equine sera. <i>Journal of Virological Methods</i> , 2000, 88, 89-104.                                   | 1.0 | 10        |
| 56 | Development of a comprehensive protein microarray for immunoglobulin E profiling in horses with severe asthma. <i>Journal of Veterinary Internal Medicine</i> , 2019, 33, 2327-2335.   | 0.6 | 10        |
| 57 | Evidence for non-specific immunosuppression during the development of immune responses to Equid Herpesvirus-1. <i>Equine Veterinary Journal</i> , 1991, 23, 41-45.   | 0.9 | 8         |
| 58 | Cimetidine and therapy of rodent tumours. <i>British Journal of Cancer</i> , 1982, 45, 613-614.  | 2.9 | 7         |
| 59 | Spontaneous otoacoustic emission in a pony. <i>Veterinary Record</i> , 1995, 136, 419-419.   | 0.2 | 6         |
| 60 | Oil-seed rape. <i>Veterinary Record</i> , 1988, 123, 40-40.  | 0.2 | 5         |
| 61 | Detection of a <i>Yersinia pestis</i> gene homologue in rodent samples. <i>PeerJ</i> , 2016, 4, e2216.   | 0.9 | 5         |
| 62 | Radioiodination of rat hepatoma-specific antigens and retention of serological reactivity. <i>British Journal of Cancer</i> , 1980, 41, 716-723.   | 2.9 | 4         |
| 63 | Antigens associated with canine spontaneous mammary carcinoma. <i>Veterinary Record</i> , 1978, 103, 441-443.  | 0.2 | 4         |
| 64 | Immunomodulatory effects of mineral dust. I. Effects of intraperitoneal dust inoculation on splenic lymphocyte function and humoral immune responses in vivo. <i>Journal of Clinical &amp; Laboratory Immunology</i> , 1985, 16, 81-5. | 0.1 | 4         |
| 65 | Circulating immune complexes in dogs with osteosarcoma. <i>British Journal of Cancer</i> , 1982, 46, 444-447.  | 2.9 | 3         |
| 66 | Fractionation of neutralising antibodies in serum of ducklings vaccinated with live duck hepatitis virus vaccine. <i>Research in Veterinary Science</i> , 1987, 43, 276-277.   | 0.9 | 3         |
| 67 | Neonatal immunisation against a novel gonadotrophin-releasing hormone construct delays the onset of gonadal growth and puberty in bull calves. <i>Reproduction, Fertility and Development</i> , 2012, 24, 973.                         | 0.1 | 3         |
| 68 | Early postnatal immunisation against gonadotrophin-releasing hormone induces a high but differential immune response in heifer calves. <i>Research in Veterinary Science</i> , 2013, 95, 472-479.                                      | 0.9 | 3         |
| 69 | Surveillance of Wildlife Diseases: Lessons from the West Nile Virus Outbreak. <i>Microbiology Spectrum</i> , 2013, 1, .  | 1.2 | 3         |
| 70 | Polarisation of Major Histocompatibility Complex II Host Genotype with Pathogenesis of European Brown Hare Syndrome Virus. <i>PLoS ONE</i> , 2013, 8, e74360.  | 1.1 | 3         |
| 71 | Development of a DNA-based microarray for the detection of zoonotic pathogens in rodent species. <i>Molecular and Cellular Probes</i> , 2015, 29, 427-437.   | 0.9 | 3         |
| 72 | Vaccination of foals with a modified live, equid herpesvirus-1 gM deletion mutant (RacH <sup>Δ</sup> gM) confers partial protection against infection. <i>Vaccine</i> , 2020, 38, 388-398.   | 1.7 | 3         |

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|----|--|-----|-----------|
| 73 | Scientific publications from the animal health trust at newmarket 1942â€“1991: A veterinary record. British Veterinary Journal, 1993, 149, 9-19.   | 0.5 | 2         |
| 74 | Phagocytosis and flow cytometric analyses: Another step towards an urgent goal. Veterinary Journal, 1998, 156, 79-80.  | 0.6 | 2         |
| 75 | Immune responses to common respiratory pathogens: problems and perspectives in equine immunology. Equine Veterinary Journal, 1991, 23, 10-18.  | 0.9 | 2         |
| 76 | Antigenic enhancement of canine mammary tumours by autoimmunisation with DNP-conjugates. Veterinary Record, 1979, 104, 350-351.  | 0.2 | 2         |
| 77 | Some ultrastructural findings on feline mammary carcinomas and their possible immunological significance. Comparative Immunology, Microbiology and Infectious Diseases, 1979, 1, 169-178.  | 0.7 | 1         |
| 78 | ICREW Workshop Report Detection and isolation of tumour-associated antigens. British Journal of Cancer, 1980, 41, 843-846.   | 2.9 | 1         |
| 79 | Isotope and related techniques in animal production and health. British Veterinary Journal, 1992, 148, 575-576.  | 0.5 | 1         |
| 80 | Equine immunity to viruses. Veterinary Clinics of North America Equine Practice, 2000, 16, 49-68.  | 0.3 | 1         |
| 81 | Secreted regulatory proteins: New opportunities for immunological research in domesticated species. British Veterinary Journal, 1993, 149, 317-319.  | 0.5 | 0         |
| 82 | Title is missing!. British Veterinary Journal, 1996, 152, 732-733.   | 0.5 | 0         |
| 83 | Pre-infection frequencies of equine herpesvirus-1 specific, cytotoxic T lymphocytes correlate with protection against abortion following experimental infection of pregnant mares. Veterinary Immunology and Immunopathology, 2003, 96, 207-207. | 0.5 | 0         |
| 84 | Phenotypic analyses support investigations of phylogeny in the Skyrian pony and other breeds. Bioscience Horizons, 2013, 6, hzt010-hzt010.   | 0.6 | 0         |
| 85 | Scienceâ€™s brief: Latex in riding arenas and racetracks identified as a risk factor for equine respiratory health. Equine Veterinary Journal, 2020, 52, 11-12.  | 0.9 | 0         |
| 86 | Surveillance of Wildlife Diseases: Lessons from the West Nile Virus Outbreak. , 0, , 237-251.  |     | 0         |
| 87 | IMMUNOLOGICAL CONSEQUENCES OF MINERAL DUST INHALATION. , 1988, , 307-313.  |     | 0         |
| 88 | Fractionation of neutralising antibodies in serum of ducklings vaccinated with live duck hepatitis virus vaccine. Research in Veterinary Science, 1987, 43, 276-7.   | 0.9 | 0         |
| 89 | Characteristics of two anti-tumour monoclonal antibody preparations. Archiv FÃ¼r Geschwulstforschung, 1981, 51, 302-9.   | 0.0 | 0         |