# Patrick G Halbur

## List of Publications by Year in Descending Order



| | | | |
|---|---|---|---|
| 47 papers | 1,337 citations | 19 h-index | 35 g-index |
| 47 ext. papers | 1,558 ext. citations | 3.3 avg, IF | 4.46 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 47 | Evaluation of the intranasal route for porcine reproductive and respiratory disease modified-live virus vaccination. *Vaccine*, **2021**, 39, 6852-6859 | 4.1 | 2 |
| 46 | Future perspectives on swine viral vaccines: where are we headed?. *Porcine Health Management*, **2021**, 7, 1 | 3.5 | 10 |
| 45 | An Ex Vivo Brain Slice Culture Model of Chronic Wasting Disease: Implications for Disease Pathogenesis and Therapeutic Development. *Scientific Reports*, **2020**, 10, 7640 | 4.9 | 4 |
| 44 | Dissecting the potential role of hepatitis E virus ORF1 nonstructural gene in cross-species infection by using intergenotypic chimeric viruses. *Journal of Medical Virology*, **2020**, 92, 3563 | 19.7 | 5 |
| 43 | Porcine circovirus type 2a or 2b based experimental vaccines provide protection against PCV2d/porcine parvovirus 2 co-challenge. *Vaccine*, **2020**, 38, 1975-1981 | 4.1 | 8 |
| 42 | Porcine Astrovirus Type 5-Associated Enteritis in Pigs. *Journal of Comparative Pathology*, **2020**, 181, 38-46 | 1 | 6 |
| 41 | Bacillus pumilus probiotic feed supplementation mitigates Lawsonia intracellularis shedding and lesions. *Veterinary Research*, **2019**, 50, 85 | 3.8 | 5 |
| 40 | A Porcine circovirus type 2b (PCV2b)-based experimental vaccine is effective in the PCV2b-Mycoplasma hyopneumoniae coinfection pig model. *Vaccine*, **2019**, 37, 6688-6695 | 4.1 | 5 |
| 39 | A prime-boost concept using a T-cell epitope-driven DNA vaccine followed by a whole virus vaccine effectively protected pigs in the pandemic H1N1 pig challenge model. *Vaccine*, **2019**, 37, 4302-4309 | 4.1 | 10 |
| 38 | At the Intersection of Industry, Academia, and Government: How Do We Facilitate Productive Precision Livestock Farming in Practice?. *Animals*, **2019**, 9, | 3.1 | 5 |
| 37 | Comparison of the efficacy of a commercial inactivated influenza A/H1N1/pdm09 virus (pH1N1) vaccine and two experimental M2e-based vaccines against pH1N1 challenge in the growing pig model. *PLoS ONE*, **2018**, 13, e0191739 | 3.7 | 2 |
| 36 | Refinement of a colostrum-deprived pig model for infectious disease research. *MethodsX*, **2018**, 5, 403-413 | 1.9 | 4 |
| 35 | Impact of dietary spray-dried bovine plasma addition on pigs infected with porcine epidemic diarrhea virus. *Translational Animal Science*, **2018**, 2, 349-357 | 1.4 | 3 |
| 34 | Integrated Organotypic Slice Cultures and RT-QuIC (OSCAR) Assay: Implications for Translational Discovery in Protein Misfolding Diseases. *Scientific Reports*, **2017**, 7, 43155 | 4.9 | 24 |
| 33 | A commercial porcine circovirus (PCV) type 2a-based vaccine reduces PCV2d viremia and shedding and prevents PCV2d transmission to naïve pigs under experimental conditions. *Vaccine*, **2017**, 35, 248-254 | 4.1 | 42 |
| 32 | Evaluation of the efficacy of a commercial inactivated genogroup 2b-based porcine epidemic diarrhea virus (PEDV) vaccine and experimental live genogroup 1b exposure against 2b challenge. *Veterinary Research*, **2017**, 48, 69 | 3.8 | 17 |
| 31 | Markedly different immune responses and virus kinetics in littermates infected with porcine circovirus type 2 or porcine parvovirus type 1. *Veterinary Immunology and Immunopathology*, **2017**, 191, 51-59 | 2 | 8 |

| | | | |
|---|---|---|---|
| 30 | Ante-mortem detection of chronic wasting disease in recto-anal mucosa-associated lymphoid tissues from elk (Cervus elaphus nelsoni) using real-time quaking-induced conversion (RT-QuIC) assay: A blinded collaborative study. *Prion*, **2017**, 11, 415-430 | 2.3 | 13 |
| 29 | An interferon inducing porcine reproductive and respiratory syndrome virus vaccine candidate elicits protection against challenge with the heterologous virulent type 2 strain VR-2385 in pigs. *Vaccine*, **2017**, 35, 125-131 | 4.1 | 8 |
| 28 | The middle half genome of interferon-inducing porcine reproductive and respiratory syndrome virus strain A2MC2 is essential for interferon induction. *Journal of General Virology*, **2017**, 98, 1720-1729 | 4.9 | 7 |
| 27 | Sustaining Interferon Induction by a High-Passage Atypical Porcine Reproductive and Respiratory Syndrome Virus Strain. *Scientific Reports*, **2016**, 6, 36312 | 4.9 | 8 |
| 26 | PCV2d-2 is the predominant type of PCV2 DNA in pig samples collected in the U.S. during 2014-2016. *Veterinary Microbiology*, **2016**, 197, 72-77 | 3.3 | 53 |
| 25 | Outbreak of H5N2 highly pathogenic avian Influenza A virus infection in two commercial layer facilities: lesions and viral antigen distribution. *Journal of Veterinary Diagnostic Investigation*, **2016**, 28, 568-73 | 1.5 | 3 |
| 24 | Global molecular genetic analysis of porcine circovirus type 2 (PCV2) sequences confirms the presence of four main PCV2 genotypes and reveals a rapid increase of PCV2d. *Journal of General Virology*, **2015**, 96, 1830-41 | 4.9 | 143 |
| 23 | High prevalence and genetic diversity of porcine bocaviruses in pigs in the USA, and identification of multiple novel porcine bocaviruses. *Journal of General Virology*, **2014**, 95, 453-465 | 4.9 | 19 |
| 22 | A commercial vaccine based on PCV2a and an experimental vaccine based on a variant mPCV2b are both effective in protecting pigs against challenge with a 2013 U.S. variant mPCV2b strain. *Vaccine*, **2014**, 32, 230-7 | 4.1 | 38 |
| 21 | The spray-drying process is sufficient to inactivate infectious porcine epidemic diarrhea virus in plasma. *Veterinary Microbiology*, **2014**, 174, 86-92 | 3.3 | 43 |
| 20 | Mutant USA strain of porcine circovirus type 2 (mPCV2) exhibits similar virulence to the classical PCV2a and PCV2b strains in caesarean-derived, colostrum-deprived pigs. *Journal of General Virology* , **2014**, 95, 2495-2503 | 4.9 | 34 |
| 19 | Identification of recently described porcine parvoviruses in archived North American samples from 1996 and association with porcine circovirus associated disease. *Veterinary Microbiology*, **2014**, 173, 9-16 | 3.3 | 43 |
| 18 | Commercial PCV2a-based vaccines are effective in protecting naturally PCV2b-infected finisher pigs against experimental challenge with a 2012 mutant PCV2. *Vaccine*, **2014**, 32, 4342-8 | 4.1 | 44 |
| 17 | Development and validation of a 4-plex antibody assay for simultaneous detection of IgG antibodies against Torque teno sus virus 1 (TTSuV1), TTSuV2, and porcine reproductive and respiratory syndrome virus types 1 and 2. *Research in Veterinary Science*, **2014**, 96, 543-50 | 2.5 | 6 |
| 16 | Porcine epidemic diarrhea virus RNA present in commercial spray-dried porcine plasma is not infectious to naïve pigs. *PLoS ONE*, **2014**, 9, e104766 | 3.7 | 47 |
| 15 | Comparison of commercial enzyme-linked immunosorbent assays and fluorescent microbead immunoassays for detection of antibodies against porcine reproductive and respiratory syndrome virus in boars. *Journal of Virological Methods*, **2014**, 197, 63-6 | 2.6 | 19 |
| 14 | A live-attenuated and an inactivated chimeric porcine circovirus (PCV)1-2 vaccine are both effective at inducing a humoral immune response and reducing PCV2 viremia and intrauterine infection in female swine of breeding age. *Canadian Journal of Veterinary Research*, **2014**, 78, 8-16 | 0.5 | 7 |
| 13 | Identification and characterization of novel porcine astroviruses (PAstVs) with high prevalence and frequent co-infection of individual pigs with multiple PAstV types. *Journal of General Virology*, **2013** , 94, 570-582 | 4.9 | 76 |

| | | | |
|---|---|---|---|
| 12 | Prevalence and phylogenetic analysis of the current porcine circovirus 2 genotypes after implementation of widespread vaccination programmes in the USA. *Journal of General Virology*, **2012**, 93, 1345-1355 | 4.9 | 37 |
| 11 | Paramyxovirus infection in pigs with interstitial pneumonia and encephalitis in the United States. *Journal of Veterinary Diagnostic Investigation*, **2001**, 13, 428-33 | 1.5 | 15 |
| 10 | The role of pulmonary intravascular macrophages in porcine reproductive and respiratory syndrome virus infection. *Animal Health Research Reviews*, **2000**, 1, 95-102 | 2.1 | 30 |
| 9 | Lasalocid toxicosis in neonatal calves. *Journal of Veterinary Diagnostic Investigation*, **1998**, 10, 210-4 | 1.5 | 12 |
| 8 | A monoclonal-antibody-based immunohistochemical method for the detection of swine influenza virus in formalin-fixed, paraffin-embedded tissues. *Journal of Veterinary Diagnostic Investigation*, **1997**, 9, 191-5 | 1.5 | 62 |
| 7 | Immunohistochemical detection of porcine reproductive and respiratory syndrome virus antigen in neurovascular lesions. *Journal of Veterinary Diagnostic Investigation*, **1997**, 9, 334-7 | 1.5 | 16 |
| 6 | Comparative pathogenicity of nine US porcine reproductive and respiratory syndrome virus (PRRSV) isolates in a five-week-old cesarean-derived, colostrum-deprived pig model. *Journal of Veterinary Diagnostic Investigation*, **1996**, 8, 11-20 | 1.5 | 179 |
| 5 | Characterization of a high-virulence US isolate of porcine reproductive and respiratory syndrome virus in a continuous cell line, ATCC CRL11171. *Journal of Veterinary Diagnostic Investigation*, **1996**, 8, 374-81 | 1.5 | 47 |
| 4 | Gross and microscopic lesions in porcine fetuses infected with porcine reproductive and respiratory syndrome virus. *Journal of Veterinary Diagnostic Investigation*, **1996**, 8, 275-82 | 1.5 | 46 |
| 3 | Use of nonradioactive cDNA probes to differentiate porcine respiratory coronavirus and transmissible gastroenteritis virus isolates. *Journal of Veterinary Diagnostic Investigation*, **1996**, 8, 241-4 | 1.5 | 4 |
| 2 | Development of a streptavidin-biotin immunoperoxidase procedure for the detection of porcine reproductive and respiratory syndrome virus antigen in porcine lung. *Journal of Veterinary Diagnostic Investigation*, **1994**, 6, 254-7 | 1.5 | 81 |
| 1 | Experimental reproduction of pneumonia in gnotobiotic pigs with porcine respiratory coronavirus isolate AR310. *Journal of Veterinary Diagnostic Investigation*, **1993**, 5, 184-8 | 1.5 | 37 |