

Patrick G Halbur

List of Publications by Citations

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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	Comparative pathogenicity of nine US porcine reproductive and respiratory syndrome virus (PRRSV) isolates in a five-week-old cesarean-derived, colostrum-deprived pig model. <i>Journal of Veterinary Diagnostic Investigation</i> , 1996 , 8, 11-20	1.5	179
46	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. <i>Journal of General Virology</i> , 2015 , 96, 1830-41	4.9	143
45	Development of a streptavidin-biotin immunoperoxidase procedure for the detection of porcine reproductive and respiratory syndrome virus antigen in porcine lung. <i>Journal of Veterinary Diagnostic Investigation</i> , 1994 , 6, 254-7	1.5	81
44	Identification and characterization of novel porcine astroviruses (PAstVs) with high prevalence and frequent co-infection of individual pigs with multiple PAstV types. <i>Journal of General Virology</i> , 2013 , 94, 570-582	4.9	76
43	A monoclonal-antibody-based immunohistochemical method for the detection of swine influenza virus in formalin-fixed, paraffin-embedded tissues. <i>Journal of Veterinary Diagnostic Investigation</i> , 1997 , 9, 191-5	1.5	62
42	PCV2d-2 is the predominant type of PCV2 DNA in pig samples collected in the U.S. during 2014-2016. <i>Veterinary Microbiology</i> , 2016 , 197, 72-77	3.3	53
41	Porcine epidemic diarrhea virus RNA present in commercial spray-dried porcine plasma is not infectious to naïve pigs. <i>PLoS ONE</i> , 2014 , 9, e104766	3.7	47
40	Characterization of a high-virulence US isolate of porcine reproductive and respiratory syndrome virus in a continuous cell line, ATCC CRL11171. <i>Journal of Veterinary Diagnostic Investigation</i> , 1996 , 8, 374-81	1.5	47
39	Gross and microscopic lesions in porcine fetuses infected with porcine reproductive and respiratory syndrome virus. <i>Journal of Veterinary Diagnostic Investigation</i> , 1996 , 8, 275-82	1.5	46
38	Commercial PCV2a-based vaccines are effective in protecting naturally PCV2b-infected finisher pigs against experimental challenge with a 2012 mutant PCV2. <i>Vaccine</i> , 2014 , 32, 4342-8	4.1	44
37	The spray-drying process is sufficient to inactivate infectious porcine epidemic diarrhea virus in plasma. <i>Veterinary Microbiology</i> , 2014 , 174, 86-92	3.3	43
36	Identification of recently described porcine parvoviruses in archived North American samples from 1996 and association with porcine circovirus associated disease. <i>Veterinary Microbiology</i> , 2014 , 173, 9-16 ^{3.3}	3.3	43
35	A commercial porcine circovirus (PCV) type 2a-based vaccine reduces PCV2d viremia and shedding and prevents PCV2d transmission to naïve pigs under experimental conditions. <i>Vaccine</i> , 2017 , 35, 248-254 ^{4.1}	4.1	42
34	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. <i>Vaccine</i> , 2014 , 32, 230-7	4.1	38
33	Prevalence and phylogenetic analysis of the current porcine circovirus 2 genotypes after implementation of widespread vaccination programmes in the USA. <i>Journal of General Virology</i> , 2012 , 93, 1345-1355	4.9	37
32	Experimental reproduction of pneumonia in gnotobiotic pigs with porcine respiratory coronavirus isolate AR310. <i>Journal of Veterinary Diagnostic Investigation</i> , 1993 , 5, 184-8	1.5	37
31	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. <i>Journal of General Virology</i> , 2014 , 95, 2495-2503	4.9	34

30	The role of pulmonary intravascular macrophages in porcine reproductive and respiratory syndrome virus infection. <i>Animal Health Research Reviews</i> , 2000 , 1, 95-102	2.1	30
29	Integrated Organotypic Slice Cultures and RT-QuIC (OSCAR) Assay: Implications for Translational Discovery in Protein Misfolding Diseases. <i>Scientific Reports</i> , 2017 , 7, 43155	4.9	24
28	High prevalence and genetic diversity of porcine bocaviruses in pigs in the USA, and identification of multiple novel porcine bocaviruses. <i>Journal of General Virology</i> , 2014 , 95, 453-465	4.9	19
27	Comparison of commercial enzyme-linked immunosorbent assays and fluorescent microbead immunoassays for detection of antibodies against porcine reproductive and respiratory syndrome virus in boars. <i>Journal of Virological Methods</i> , 2014 , 197, 63-6	2.6	19
26	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. <i>Veterinary Research</i> , 2017 , 48, 69	3.8	17
25	Immunohistochemical detection of porcine reproductive and respiratory syndrome virus antigen in neurovascular lesions. <i>Journal of Veterinary Diagnostic Investigation</i> , 1997 , 9, 334-7	1.5	16
24	Paramyxovirus infection in pigs with interstitial pneumonia and encephalitis in the United States. <i>Journal of Veterinary Diagnostic Investigation</i> , 2001 , 13, 428-33	1.5	15
23	Ante-mortem detection of chronic wasting disease in recto-anal mucosa-associated lymphoid tissues from elk (<i>Cervus elaphus nelsoni</i>) using real-time quaking-induced conversion (RT-QuIC) assay: A blinded collaborative study. <i>Prion</i> , 2017 , 11, 415-430	2.3	13
22	Lasalocid toxicosis in neonatal calves. <i>Journal of Veterinary Diagnostic Investigation</i> , 1998 , 10, 210-4	1.5	12
21	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. <i>Vaccine</i> , 2019 , 37, 4302-4309	4.1	10
20	Future perspectives on swine viral vaccines: where are we headed?. <i>Porcine Health Management</i> , 2021 , 7, 1	3.5	10
19	Porcine circovirus type 2a or 2b based experimental vaccines provide protection against PCV2d/porcine parvovirus 2 co-challenge. <i>Vaccine</i> , 2020 , 38, 1975-1981	4.1	8
18	Sustaining Interferon Induction by a High-Passage Atypical Porcine Reproductive and Respiratory Syndrome Virus Strain. <i>Scientific Reports</i> , 2016 , 6, 36312	4.9	8
17	Markedly different immune responses and virus kinetics in littermates infected with porcine circovirus type 2 or porcine parvovirus type 1. <i>Veterinary Immunology and Immunopathology</i> , 2017 , 191, 51-59	2	8
16	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. <i>Vaccine</i> , 2017 , 35, 125-131	4.1	8
15	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. <i>Canadian Journal of Veterinary Research</i> , 2014 , 78, 8-16	0.5	7
14	The middle half genome of interferon-inducing porcine reproductive and respiratory syndrome virus strain A2MC2 is essential for interferon induction. <i>Journal of General Virology</i> , 2017 , 98, 1720-1729	4.9	7
13	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. <i>Research in Veterinary Science</i> , 2014 , 96, 543-50	2.5	6

12	Porcine Astrovirus Type 5-Associated Enteritis in Pigs. <i>Journal of Comparative Pathology</i> , 2020 , 181, 38-46		6
11	<i>Bacillus pumilus</i> probiotic feed supplementation mitigates <i>Lawsonia intracellularis</i> shedding and lesions. <i>Veterinary Research</i> , 2019 , 50, 85	3.8	5
10	A Porcine circovirus type 2b (PCV2b)-based experimental vaccine is effective in the PCV2b- <i>Mycoplasma hyopneumoniae</i> coinfection pig model. <i>Vaccine</i> , 2019 , 37, 6688-6695	4.1	5
9	Dissecting the potential role of hepatitis E virus ORF1 nonstructural gene in cross-species infection by using intergenotypic chimeric viruses. <i>Journal of Medical Virology</i> , 2020 , 92, 3563	19.7	5
8	At the Intersection of Industry, Academia, and Government: How Do We Facilitate Productive Precision Livestock Farming in Practice?. <i>Animals</i> , 2019 , 9,	3.1	5
7	An Ex Vivo Brain Slice Culture Model of Chronic Wasting Disease: Implications for Disease Pathogenesis and Therapeutic Development. <i>Scientific Reports</i> , 2020 , 10, 7640	4.9	4
6	Refinement of a colostrum-deprived pig model for infectious disease research. <i>MethodsX</i> , 2018 , 5, 403-413		4
5	Use of nonradioactive cDNA probes to differentiate porcine respiratory coronavirus and transmissible gastroenteritis virus isolates. <i>Journal of Veterinary Diagnostic Investigation</i> , 1996 , 8, 241-4	1.5	4
4	Outbreak of H5N2 highly pathogenic avian Influenza A virus infection in two commercial layer facilities: lesions and viral antigen distribution. <i>Journal of Veterinary Diagnostic Investigation</i> , 2016 , 28, 568-73	1.5	3
3	Impact of dietary spray-dried bovine plasma addition on pigs infected with porcine epidemic diarrhea virus. <i>Translational Animal Science</i> , 2018 , 2, 349-357	1.4	3
2	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. <i>PLoS ONE</i> , 2018 , 13, e0191739	3.7	2
1	Evaluation of the intranasal route for porcine reproductive and respiratory disease modified-live virus vaccination. <i>Vaccine</i> , 2021 , 39, 6852-6859	4.1	2