

Nathan M Beach

List of Publications by Year in descending order

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papers

785
citations

516710

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26
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925
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#	ARTICLE	IF	CITATIONS
1	Efficacy and future prospects of commercially available and experimental vaccines against porcine circovirus type 2 (PCV2). <i>Virus Research</i> , 2012, 164, 33-42.	2.2	155
2	Response of Hepatitis C Virus to Long-Term Passage in the Presence of Alpha Interferon: Multiple Mutations and a Common Phenotype. <i>Journal of Virology</i> , 2013, 87, 7593-7607.	3.4	88
3	Increased Replicative Fitness Can Lead to Decreased Drug Sensitivity of Hepatitis C Virus. <i>Journal of Virology</i> , 2014, 88, 12098-12111.	3.4	74
4	A PCV2 vaccine based on genotype 2b is more effective than a 2a-based vaccine to protect against PCV2b or combined PCV2a/2b viremia in pigs with concurrent PCV2, PRRSV and PPV infection. <i>Vaccine</i> , 2013, 31, 487-494.	3.8	63
5	Novel chimeric porcine circovirus (PCV) with the capsid gene of the emerging PCV2b subtype cloned in the genomic backbone of the non-pathogenic PCV1 is attenuated in vivo and induces protective and cross-protective immunity against PCV2b and PCV2a subtypes in pigs. <i>Vaccine</i> , 2010, 29, 221-232.	3.8	58
6	Internal Disequilibria and Phenotypic Diversification during Replication of Hepatitis C Virus in a Noncoevolving Cellular Environment. <i>Journal of Virology</i> , 2017, 91, .	3.4	42
7	Comparison of 12 turkey hemorrhagic enteritis virus isolates allows prediction of genetic factors affecting virulence. <i>Journal of General Virology</i> , 2009, 90, 1978-1985.	2.9	31
8	Pipeline for specific subtype amplification and drug resistance detection in hepatitis C virus. <i>BMC Infectious Diseases</i> , 2018, 18, 446.	2.9	29
9	Three Amino Acid Mutations (F51L, T59A, and S390L) in the Capsid Protein of the Hepatitis E Virus Collectively Contribute to Virus Attenuation. <i>Journal of Virology</i> , 2011, 85, 5338-5349.	3.4	26
10	Chimeric Porcine Circoviruses (PCV) Containing Amino Acid Epitope Tags in the C Terminus of the Capsid Gene Are Infectious and Elicit both Anti-Epitope Tag Antibodies and Anti-PCV Type 2 Neutralizing Antibodies in Pigs. <i>Journal of Virology</i> , 2011, 85, 4591-4595.	3.4	25
11	Productive infection of human hepatocellular carcinoma cells by porcine circovirus type 1. <i>Vaccine</i> , 2011, 29, 7303-7306.	3.8	23
12	Molecular basis of interferon resistance in hepatitis C virus. <i>Current Opinion in Virology</i> , 2014, 8, 38-44.	5.4	22
13	<i>Bordetella avium</i> antibiotic resistance, novel enrichment culture, and antigenic characterization. <i>Veterinary Microbiology</i> , 2012, 160, 189-196.	1.9	21
14	Effect of porcine circovirus type 2a or 2b on infection kinetics and pathogenicity of two genetically divergent strains of porcine reproductive and respiratory syndrome virus in the conventional pig model. <i>Veterinary Microbiology</i> , 2012, 158, 69-81.	1.9	21
15	Persistent Infection of Turkeys with an Avirulent Strain of Turkey Hemorrhagic Enteritis Virus. <i>Avian Diseases</i> , 2009, 53, 370-375.	1.0	18
16	A chimeric virus created by DNA shuffling of the capsid genes of different subtypes of porcine circovirus type 2 (PCV2) in the backbone of the non-pathogenic PCV1 induces protective immunity against the predominant PCV2b and the emerging PCV2d in pigs. <i>Virology</i> , 2016, 498, 82-93.	2.4	18
17	Concurrent porcine circovirus type 2a (PCV2a) or PCV2b infection increases the rate of amino acid mutations of porcine reproductive and respiratory syndrome virus (PRRSV) during serial passages in pigs. <i>Virus Research</i> , 2013, 178, 445-451.	2.2	12
18	An experimental live chimeric porcine circovirus 1-2a vaccine decreases porcine circovirus 2b viremia when administered intramuscularly or orally in a porcine circovirus 2b and porcine reproductive and respiratory syndrome virus dual-challenge model. <i>Microbiology and Immunology</i> , 2011, 55, 863-873.	1.4	11

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19	Bordetella avium causes induction of apoptosis and nitric oxide synthase in turkey tracheal explant cultures. <i>Microbes and Infection</i> , 2011, 13, 871-879.	1.9	11
20	ORF1 but not ORF2 dependent differences are important for in vitro replication of PCV2 in porcine alveolar macrophages singularly or coinfecting with PRRSV. <i>Veterinary Microbiology</i> , 2012, 158, 95-103.	1.9	9
21	Real-time PCR-based infectivity assay for the titration of turkey hemorrhagic enteritis virus, an adenovirus, in live vaccines. <i>Journal of Virological Methods</i> , 2017, 239, 42-49.	2.1	8
22	Use of PCR-based assays for the detection of the adventitious agent porcine circovirus type 1 (PCV1) in vaccines, and for confirming the identity of cell substrates and viruses used in vaccine production. <i>Journal of Virological Methods</i> , 2012, 179, 201-211.	2.1	7
23	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.	0.2	7
24	Expression of human CD46 has no effect on porcine circovirus type 2 infection and shedding in the experimental pig model. <i>Veterinary Research Communications</i> , 2012, 36, 187-193.	1.6	4
25	Quasispecies and Drug Resistance. , 2017, , 123-147.		2
26	Quasispecies and Drug Resistance. , 2014, , 1-22.		0