

Chanhee Chae

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	A review of porcine circovirus 2-associated syndromes and diseases. <i>Veterinary Journal</i> , 2005, 169, 326-336.	0.6	312
2	Postweaning multisystemic wasting syndrome: a review of aetiology, diagnosis and pathology. <i>Veterinary Journal</i> , 2004, 168, 41-49.	0.6	130
3	Postweaning multisystemic wasting syndrome: a review of aetiology, diagnosis and pathology. <i>Veterinary Journal</i> , 2004, 168, 41-9.	0.6	124
4	Commercial porcine circovirus type 2 vaccines: Efficacy and clinical application. <i>Veterinary Journal</i> , 2012, 194, 151-157.	0.6	99
5	Porcine respiratory disease complex: Interaction of vaccination and porcine circovirus type 2, porcine reproductive and respiratory syndrome virus, and <i>Mycoplasma hyopneumoniae</i> . <i>Veterinary Journal</i> , 2016, 212, 1-6.	0.6	86
6	Evaluation of the efficacy of a new modified live porcine reproductive and respiratory syndrome virus (PRRSV) vaccine (Fostera PRRS) against heterologous PRRSV challenge. <i>Veterinary Microbiology</i> , 2014, 172, 432-442.	0.8	85
7	Pathogenesis of Postweaning Multisystemic Wasting Syndrome Reproduced by Co-infection with Korean Isolates of Porcine Circovirus 2 and Porcine Parvovirus. <i>Journal of Comparative Pathology</i> , 2003, 128, 52-59.	0.1	82
8	Prevalence of porcine epidemic diarrhoea virus and transmissible gastroenteritis virus infection in Korean pigs. <i>Veterinary Record</i> , 2000, 147, 606-608.	0.2	77
9	Genetic and antigenic characterization of a newly emerging porcine circovirus type 2b mutant first isolated in cases of vaccine failure in Korea. <i>Archives of Virology</i> , 2014, 159, 3107-3111.	0.9	75
10	Comparison of the virulence of European and North American genotypes of porcine reproductive and respiratory syndrome virus in experimentally infected pigs. <i>Veterinary Journal</i> , 2013, 195, 313-318.	0.6	65
11	Expression of Monocyte Chemoattractant Protein-1 and Macrophage Inflammatory Protein-1 in Porcine Circovirus 2-induced Granulomatous Inflammation. <i>Journal of Comparative Pathology</i> , 2004, 131, 121-126.	0.1	61
12	Commercial PRRS Modified-Live Virus Vaccines. <i>Vaccines</i> , 2021, 9, 185.	2.1	49
13	Evaluation of a porcine circovirus type 2a (PCV2a) vaccine efficacy against experimental PCV2a, PCV2b, and PCV2d challenge. <i>Veterinary Microbiology</i> , 2019, 231, 87-92.	0.8	48
14	A Comparison of Virus Isolation, Polymerase Chain Reaction, Immunohistochemistry, and in Situ Hybridization for the Detection of Porcine Circovirus 2 and Porcine Parvovirus in Experimentally and Naturally Coinfected Pigs. <i>Journal of Veterinary Diagnostic Investigation</i> , 2004, 16, 45-50.	0.5	47
15	Comparison of three commercial one-dose porcine circovirus type 2 (PCV2) vaccines in a herd with concurrent circulation of PCV2b and mutant PCV2b. <i>Veterinary Microbiology</i> , 2015, 177, 43-52.	0.8	45
16	Comparison of Two Commercial Type 1 Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) Modified Live Vaccines against Heterologous Type 1 and Type 2 PRRSV Challenge in Growing Pigs. <i>Vaccine Journal</i> , 2015, 22, 631-640.	3.2	44
17	Chronologic Localization of <i>Mycoplasma hyopneumoniae</i> in Experimentally Infected Pigs. <i>Veterinary Pathology</i> , 2002, 39, 584-587.	0.8	39
18	Vaccination of sows against type 2 Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) before artificial insemination protects against type 2 PRRSV challenge but does not protect against type 1 PRRSV challenge in late gestation. <i>Veterinary Research</i> , 2014, 45, 12.	1.1	31

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19	Effect of the Modified Live Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) Vaccine on European and North American PRRSV Shedding in Semen from Infected Boars. <i>Vaccine Journal</i> , 2011, 18, 1600-1607.	3.2	29
20	Efficacy of a reformulated inactivated chimeric PCV1-2 vaccine based on clinical, virological, pathological and immunological examination under field conditions. <i>Vaccine</i> , 2012, 30, 6671-6677.	1.7	28
21	Clinical, virological, immunological and pathological evaluation of four porcine circovirus type 2 vaccines. <i>Veterinary Journal</i> , 2014, 200, 65-70.	0.6	28
22	Diarrhoea in nursing piglets associated with coccidiosis: prevalence, microscopic lesions and coexisting microorganisms. <i>Veterinary Record</i> , 1998, 143, 417-420.	0.2	27
23	Pathogenesis of Korean Type 1 (European Genotype) Porcine Reproductive and Respiratory Syndrome Virus in Experimentally Infected Pigs. <i>Journal of Comparative Pathology</i> , 2012, 147, 275-284.	0.1	27
24	Comparative Effects of Vaccination against Porcine Circovirus Type 2 (PCV2) and Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) in a PCV2-PRRSV Challenge Model. <i>Vaccine Journal</i> , 2013, 20, 369-376.	3.2	24
25	Efficacy of a new bivalent vaccine of porcine circovirus type 2 and <i>Mycoplasma hyopneumoniae</i> (Fosterâ„,ç PCV MH) under experimental conditions. <i>Vaccine</i> , 2016, 34, 270-275.	1.7	24
26	Comparison of the Pathogenesis of Single or Dual Infections with Type 1 and Type 2 Porcine Reproductive and Respiratory Syndrome Virus. <i>Journal of Comparative Pathology</i> , 2015, 152, 317-324.	0.1	21
27	Evaluation of a 20 year old porcine reproductive and respiratory syndrome (PRRS) modified live vaccine (Ingelvac Å® PRRS MLV) against two recent type 2 PRRS virus isolates in South Korea. <i>Veterinary Microbiology</i> , 2016, 192, 102-109.	0.8	21
28	Comparison of commercial type 1 and type 2 PRRSV vaccines against heterologous dual challenge. <i>Veterinary Record</i> , 2016, 178, 291-291.	0.2	21
29	Interaction of porcine circovirus type 2 and <i>Mycoplasma hyopneumoniae</i> vaccines on dually infected pigs. <i>Vaccine</i> , 2014, 32, 2480-2486.	1.7	20
30	Comparative Virulence of Reproductive Diseases Caused by Type 1 (European-like) and Type 2 (North) PRRSV in Pregnant Gilts. <i>Journal of Comparative Pathology</i> , 2014, 150, 297-305.	0.1	20
31	Detection and Differentiation of North American and European Genotypes of Porcine Reproductive and Respiratory Syndrome Virus in Formalin-Fixed, Paraffin-Embedded Tissues by Multiplex Reverse Transcription-Nested Polymerase Chain Reaction. <i>Journal of Veterinary Diagnostic Investigation</i> , 2002, 14, 56-60.	0.5	17
32	The prevalence of porcine circovirus type 2e (PCV2e) in Korean slaughter pig lymph nodes when compared with other PCV2 genotypes. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 3043-3047.	1.3	17
33	Comparative Study of In situ Hybridization and Immunohistochemistry for the Detection of Porcine Circovirus 2 in Formalin-Fixed, Paraffin-Embedded Tissues. <i>Journal of Veterinary Medical Science</i> , 2009, 71, 1001-1004.	0.3	16
34	Effect of porcine circovirus type 2 (PCV2) vaccination on PCV2-viremic piglets after experimental PCV2 challenge. <i>Veterinary Research</i> , 2014, 45, 13.	1.1	15
35	Vaccination with a porcine reproductive and respiratory syndrome virus vaccine at 1-day-old improved growth performance of piglets under field conditions. <i>Veterinary Microbiology</i> , 2018, 214, 113-124.	0.8	15
36	Concurrent vaccination of pigs with type 1 and type 2 porcine reproductive and respiratory syndrome virus (PRRSV) protects against type 1 PRRSV but not against type 2 PRRSV on dually challenged pigs. <i>Research in Veterinary Science</i> , 2015, 103, 193-200.	0.9	14

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37	A modified-live porcine reproductive and respiratory syndrome virus (PRRSV)-1 vaccine protects late-term pregnancy gilts against heterologous PRRSV-1 but not PRRSV-2 challenge. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 1227-1234.	1.3	14
38	The first isolation of porcine circovirus type 2e from a Korean pig. <i>Archives of Virology</i> , 2020, 165, 2927-2930.	0.9	14
39	Interaction between single-dose <i>Mycoplasma hyopneumoniae</i> and porcine reproductive and respiratory syndrome virus vaccines on dually infected pigs. <i>Research in Veterinary Science</i> , 2014, 96, 516-522.	0.9	12
40	In Situ Hybridization for the Detection and Localization of Swine <i>Chlamydia trachomatis</i> . <i>Veterinary Pathology</i> , 1999, 36, 133-137.	0.8	11
41	Comparison of Cell-Mediated Immunity Induced by Three Commercial Single-Dose <i>Mycoplasma hyopneumoniae</i> Bacterins in Pigs. <i>Journal of Veterinary Medical Science</i> , 2013, 75, 245-247.	0.3	10
42	Evaluation of the efficacy of a trivalent vaccine mixture against a triple challenge with <i>Mycoplasma hyopneumoniae</i> , PCV2, and PRRSV and the efficacy comparison of the respective monovalent vaccines against a single challenge. <i>BMC Veterinary Research</i> , 2019, 15, 342.	0.7	10
43	Comparison of 3 vaccination strategies against porcine reproductive and respiratory syndrome virus, and porcine circovirus type 2 on a 3 pathogen challenge model. <i>Canadian Journal of Veterinary Research</i> , 2018, 82, 39-47.	0.2	10
44	Cross-protection of a modified-live porcine reproductive and respiratory syndrome virus (PRRSV)-2 vaccine against a heterologous PRRSV-1 challenge in late-term pregnancy gilts. <i>Veterinary Microbiology</i> , 2018, 223, 119-125.	0.8	9
45	A comparison of the severity of reproductive failure between single and dual infection with porcine reproductive and respiratory syndrome virus (PRRSV)-1 and PRRSV-2 in late-term pregnancy gilts. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 1641-1647.	1.3	9
46	Comparison of Experimental Infection with Northern and Southern Vietnamese Strains of Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus. <i>Journal of Comparative Pathology</i> , 2015, 152, 227-237.	0.1	8
47	A comparison of commercial modified-live PRRSV-1 and PRRSV-2 vaccines against a dual heterologous PRRSV-1 and PRRSV-2 challenge in late term pregnancy gilts. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2020, 69, 101423.	0.7	8
48	A Comparison of Pathogenicity and Virulence of Three Porcine Circovirus Type 2 (PCV2) Genotypes (a, b, and d) in Pigs Singularly Inoculated with PCV2 and Dually Inoculated with PCV2 and Porcine Reproductive and Respiratory Syndrome Virus. <i>Pathogens</i> , 2021, 10, 979.	1.2	8
49	Two Commercial Type 1 Porcine Reproductive and Respiratory Syndrome Virus (PRRSV)-Modified Live Vaccines Reduce Seminal Shedding of Type 1 PRRSV but not Type 2 PRRSV in Infected Boars. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 194-203.	1.3	7
50	Efficacy of concurrent vaccination with modified-live PRRSV-1 and PRRSV-2 vaccines against heterologous dual PRRSV-1 and PRRSV-2 challenge in late term pregnancy gilts. <i>Veterinary Microbiology</i> , 2019, 239, 108497.	0.8	7
51	A Comparison of Virulence of Three Porcine Circovirus Type 2 (PCV2) Genotypes (a, b, and d) in Pigs Singularly Inoculated with PCV2 and Dually Inoculated with PCV2 and Porcine Reproductive and Respiratory Syndrome Virus. <i>Pathogens</i> , 2021, 10, 891.	1.2	7
52	Comparative evaluation of the efficacy of commercial and prototype PRRS subunit vaccines against an HP-PRRSV challenge. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 1463-1467.	0.3	6
53	Comparative evaluation of 4 commercial modified-live porcine reproductive and respiratory syndrome virus (PRRSV) vaccines against heterologous dual Korean PRRSV-1 and PRRSV-2 challenge. <i>Veterinary Medicine and Science</i> , 2020, 6, 846-853.	0.6	6
54	In-situ Hybridization for the Detection of Sacbrood Virus in Infected Larvae of the Honey Bee (<i>Apis mellifera</i>). <i>Journal of Invertebrate Pathology</i> , 2021, 197, 101-105.	0.1	5

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55	Comparison of four commercial PRRSV MLV vaccines in herds with co-circulation of PRRSV-1 and PRRSV-2. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2019, 63, 66-73.	0.7	5
56	A Dual Swine Challenge With Porcine Circovirus Type 2 (PCV2) and <i>Mycoplasma hyopneumoniae</i> Used to Compare a Combination of Mixable Monovalent PCV2 and Monovalent <i>M. hyopneumoniae</i> Vaccines With a Ready-to Use PCV2 and <i>M. hyopneumoniae</i> Bivalent Vaccine. <i>Frontiers in Veterinary Science</i> , 2020, 7, 579.	0.9	5
57	Experimental efficacy of a trivalent vaccine containing porcine circovirus types 2a/b (PCV2a/b) and <i>Mycoplasma hyopneumoniae</i> against PCV2d and <i>M. hyopneumoniae</i> challenges. <i>Veterinary Microbiology</i> , 2021, 258, 109100.	0.8	5
58	Field evaluation of a single-dose bivalent vaccine of porcine circovirus type 2b and <i>Mycoplasma hyopneumoniae</i> . <i>Veterinary Medicine and Science</i> , 2021, 7, 755-765.	0.6	4
59	Comparison of 4 commercial modified-live porcine reproductive and respiratory syndrome virus (PRRSV) vaccines against heterologous Korean PRRSV-1 and PRRSV-2 challenge. <i>Canadian Journal of Veterinary Research</i> , 2019, 83, 57-67.	0.2	4
60	Comparative study of the virulence of 3 major Korean porcine circovirus type 2 genotypes (a, b, and d). <i>Canadian Journal of Veterinary Research</i> , 2020, 84, 235-240.	0.2	4
61	A comparison of two commercially available porcine reproductive and respiratory syndrome virus (PRRSV) modified-live virus vaccines analyzing the growth performance in 1-day-old vaccinated swine located on endemic farms co-circulating PRRSV-1 and PRRSV-2. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 224-228.	0.3	3
62	Comparative Evaluation of Growth Performance between Bivalent and Trivalent Vaccines Containing Porcine Circovirus Type 2 (PCV2) and <i>Mycoplasma hyopneumoniae</i> in a Herd with Subclinical PCV2d Infection and Enzootic Pneumonia. <i>Vaccines</i> , 2021, 9, 450.	2.1	3
63	A field efficacy trial of a trivalent vaccine containing porcine circovirus type 2a and 2b, and <i>Mycoplasma hyopneumoniae</i> in three herds. <i>Veterinary Medicine and Science</i> , 2022, 8, 578-590.	0.6	3
64	Optimal vaccination strategy against <i>Mycoplasma hyopneumoniae</i> , porcine reproductive and respiratory syndrome virus, and porcine circovirus type 2 in case of early <i>M. hyopneumoniae</i> infection. <i>Veterinary Medicine and Science</i> , 2020, 6, 860-874.	0.6	2
65	Efficacy Evaluation of a Bivalent Vaccine Containing Porcine Circovirus Type 2b and <i>Mycoplasma hyopneumoniae</i> Against an Experimental Dual Challenge. <i>Frontiers in Veterinary Science</i> , 2021, 8, 652313.	0.9	2
66	Pathogenicity of Porcine Circovirus Type 2d (PCV2d) in Pigs Infected with PCV2d or Co-infected with <i>Mycoplasma hyopneumoniae</i> and PCV2d or with Porcine Reproductive and Respiratory Syndrome Virus and PCV2d. <i>Journal of Comparative Pathology</i> , 2021, 187, 75-82.	0.1	2
67	A modified-live porcine reproductive and respiratory syndrome virus (PRRSV) vaccine protects late-term pregnancy gilts against a heterologous PRRSV-2 challenge. <i>Canadian Journal of Veterinary Research</i> , 2020, 84, 172-180.	0.2	2
68	Pathogenicity of Porcine Circovirus Type 2e in Experimentally Infected Pigs. <i>Journal of Comparative Pathology</i> , 2022, 195, 19-27.	0.1	2
69	Efficacy test of a plant-based porcine circovirus type 2 (PCV2) virus-like particle vaccine against four PCV2 genotypes (2a, 2b, 2d, and 2e) in pigs. <i>Veterinary Microbiology</i> , 2022, 272, 109512.	0.8	2
70	Experimental reproduction of porcine respiratory disease complex in pigs inoculated porcine reproductive and respiratory syndrome virus and <i>Mycoplasma hyopneumoniae</i> and followed by inoculation with porcine circovirus type 2. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 427-430.	0.3	1
71	Effectiveness of a commercial porcine reproductive and respiratory syndrome virus (PRRSV) subunit vaccine against heterologous PRRSV-1 and PRRSV-2 challenge in late-term pregnant gilts. <i>Canadian Journal of Veterinary Research</i> , 2019, 83, 248-254.	0.2	1
72	Efficacy comparison of commercial porcine circovirus type 2 (PCV2) and monovalent and bivalent vaccines against a dual challenge. <i>Canadian Journal of Veterinary Research</i> , 2020, 84, 272-282.	0.2	1

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73	Differential Expression of Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) Open Reading Frame 5, but not Apoptogenic Cytokines, Contribute to Severe Respiratory Disease in Pigs Infected with Type 2 PRRSV Compared with Pigs Infected with Type 1 PRRSV. <i>Journal of Comparative Pathology</i> , 2016, 154, 243-252.	0.1	0
74	A comparative study of the efficacy of a porcine reproductive and respiratory syndrome subunit and a modified-live virus vaccine against respiratory diseases in endemic farms. <i>Canadian Journal of Veterinary Research</i> , 2019, 83, 110-121.	0.2	0
75	Experimental evaluation of bacterin against a Korean challenge. <i>Canadian Journal of Veterinary Research</i> , 2021, 85, 77-81.	0.2	0
76	Non-Inferiority Field Study Comparing the Administrations by Conventional Needle-Syringe and Needle-Free Injectors of a Trivalent Vaccine Containing Porcine Circovirus Types 2a/2b and <i>Mycoplasma hyopneumoniae</i> . <i>Vaccines</i> , 2022, 10, 358.	2.1	0
77	Comparative growth performance of 3 types of combination vaccines containing porcine circovirus 2 and under field conditions.. <i>Canadian Journal of Veterinary Research</i> , 2022, 86, 93-101.	0.2	0
78	Multiplex polymerase chain reaction for the detection and differentiation of 4 porcine circovirus 2 genotypes (PCV-2a, -2b, -2d, and -2e) in clinical samples.. <i>Canadian Journal of Veterinary Research</i> , 2022, 86, 153-156.	0.2	0
79	A Comparative Field Evaluation of the Effect of Growth Performance Between Porcine Circovirus Type 2a (PCV2a)- and PCV2b-Based Bivalent Vaccines Containing PCV2 and <i>Mycoplasma hyopneumoniae</i> . <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	0