

# Chanhee Chae

## List of Publications by Year in descending order

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Version: 2024-02-01

79  
papers

2,095  
citations

257450  
24  
h-index

243625  
44  
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79  
all docs

79  
docs citations

79  
times ranked

1294  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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.  | 1.6 | 3         |
| 2  | 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.  | 4.4 | 0         |
| 3  | 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         |
| 4  | 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         |
| 5  | Pathogenicity of Porcine Circovirus Type 2e in Experimentally Infected Pigs. <i>Journal of Comparative Pathology</i> , 2022, 195, 19-27.  | 0.4 | 2         |
| 6  | 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.   | 1.9 | 2         |
| 7  | 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.                         | 0.9 | 1         |
| 8  | 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.   | 1.6 | 4         |
| 9  | Commercial PRRS Modified-Live Virus Vaccines. <i>Vaccines</i> , 2021, 9, 185.   | 4.4 | 49        |
| 10 | 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.   | 2.2 | 2         |
| 11 | 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.   | 4.4 | 3         |
| 12 | 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.  | 2.8 | 7         |
| 13 | 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.   | 1.9 | 5         |
| 14 | 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.  | 2.8 | 8         |
| 15 | 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.  | 0.4 | 2         |
| 16 | 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.   | 3.0 | 17        |
| 17 | Experimental evaluation of bacterin against a Korean challenge. <i>Canadian Journal of Veterinary Research</i> , 2021, 85, 77-81.   | 0.2 | 0         |
| 18 | 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. | 0.9 | 3         |

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|----|--|-----|-----------|
| 19 | The first isolation of porcine circovirus type 2e from a Korean pig. Archives of Virology, 2020, 165, 2927-2930.   | 2.1 | 14        |
| 20 | A Dual Swine Challenge With Porcine Circovirus Type 2 (PCV2) and Mycoplasma hyopneumoniae Used to Compare a Combination of Mixable Monovalent PCV2 and Monovalent M. hyopneumoniae Vaccines With a Ready-to Use PCV2 and M. hyopneumoniae Bivalent Vaccine. Frontiers in Veterinary Science, 2020, 7, 579. | 2.2 | 5         |
| 21 | 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. Veterinary Medicine and Science, 2020, 6, 860-874.   | 1.6 | 2         |
| 22 | 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. Comparative Immunology, Microbiology and Infectious Diseases, 2020, 69, 101423.  | 1.6 | 8         |
| 23 | 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. Veterinary Medicine and Science, 2020, 6, 846-853.   | 1.6 | 6         |
| 24 | A modified-live porcine reproductive and respiratory syndrome virus (PRRSV) vaccine protects late-term pregnancy gilts against a heterologous PRRSV-2 challenge. Canadian Journal of Veterinary Research, 2020, 84, 172-180.   | 0.2 | 2         |
| 25 | Comparative study of the virulence of 3 major Korean porcine circovirus type 2 genotypes (a, b, and d). Canadian Journal of Veterinary Research, 2020, 84, 235-240.  | 0.2 | 4         |
| 26 | Efficacy comparison of commercial porcine circovirus type 2 (PCV2) and monovalent and bivalent vaccines against a dual challenge. Canadian Journal of Veterinary Research, 2020, 84, 272-282.  | 0.2 | 1         |
| 27 | Evaluation of the efficacy of a trivalent vaccine mixture against a triple challenge with Mycoplasma hyopneumoniae, PCV2, and PRRSV and the efficacy comparison of the respective monovalent vaccines against a single challenge. BMC Veterinary Research, 2019, 15, 342.                                  | 1.9 | 10        |
| 28 | Evaluation of a porcine circovirus type 2a (PCV2a) vaccine efficacy against experimental PCV2a, PCV2b, and PCV2d challenge. Veterinary Microbiology, 2019, 231, 87-92.   | 1.9 | 48        |
| 29 | 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. Veterinary Microbiology, 2019, 239, 108497.   | 1.9 | 7         |
| 30 | Comparison of four commercial PRRSV MLV vaccines in herds with co-circulation of PRRSV-1 and PRRSV-2. Comparative Immunology, Microbiology and Infectious Diseases, 2019, 63, 66-73.   | 1.6 | 5         |
| 31 | Comparison of 4 commercial modified-live porcine reproductive and respiratory syndrome virus (PRRSV) vaccines against heterologous Korean PRRSV-1 and PRRSV-2 challenge. Canadian Journal of Veterinary Research, 2019, 83, 57-67.   | 0.2 | 4         |
| 32 | 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. Canadian Journal of Veterinary Research, 2019, 83, 110-121.  | 0.2 | 0         |
| 33 | 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. Canadian Journal of Veterinary Research, 2019, 83, 248-254.  | 0.2 | 1         |
| 34 | Vaccination with a porcine reproductive and respiratory syndrome virus vaccine at 1-day-old improved growth performance of piglets under field conditions. Veterinary Microbiology, 2018, 214, 113-124.  | 1.9 | 15        |
| 35 | 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. Transboundary and Emerging Diseases, 2018, 65, 1227-1234.   | 3.0 | 14        |
| 36 | Comparative evaluation of the efficacy of commercial and prototype PRRS subunit vaccines against an HP-PRRSV challenge. Journal of Veterinary Medical Science, 2018, 80, 1463-1467.  | 0.9 | 6         |

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|----|--|-----|-----------|
| 37 | 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.  | 1.9 | 9         |
| 38 | 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.  | 3.0 | 9         |
| 39 | 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        |
| 40 | 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.   | 3.0 | 7         |
| 41 | In-situ Hybridization for the Detection of Sacbrood Virus in Infected Larvae of the Honey Bee ( <i>Apis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlook   | 0.4 | 5         |
| 42 | Evaluation of a 20 year old porcine reproductive and respiratory syndrome (PRRS) modified live vaccine (Ingelvac Â® PRRS MLV) against two recent type 2 PRRS virus isolates in South Korea. <i>Veterinary Microbiology</i> , 2016, 192, 102-109.   | 1.9 | 21        |
| 43 | Efficacy of a new bivalent vaccine of porcine circovirus type 2 and <i>Mycoplasma hyopneumoniae</i> (Fosterâ„¢ PCV MH) under experimental conditions. <i>Vaccine</i> , 2016, 34, 270-275.  | 3.8 | 24        |
| 44 | 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. | 0.4 | 0         |
| 45 | Comparison of commercial type 1 and type 2 PRRSV vaccines against heterologous dual challenge. <i>Veterinary Record</i> , 2016, 178, 291-291.  | 0.3 | 21        |
| 46 | 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.  | 1.7 | 86        |
| 47 | 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.   | 3.1 | 44        |
| 48 | 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.  | 1.9 | 45        |
| 49 | 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.   | 0.4 | 8         |
| 50 | 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.  | 0.4 | 21        |
| 51 | 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.  | 1.9 | 14        |
| 52 | 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.  | 2.1 | 75        |
| 53 | Interaction of porcine circovirus type 2 and <i>Mycoplasma hyopneumoniae</i> vaccines on dually infected pigs. <i>Vaccine</i> , 2014, 32, 2480-2486.   | 3.8 | 20        |
| 54 | Effect of porcine circovirus type 2 (PCV2) vaccination on PCV2-viremic piglets after experimental PCV2 challenge. <i>Veterinary Research</i> , 2014, 45, 13.   | 3.0 | 15        |

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|----|--|-----|-----------|
| 55 | 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.                | 3.0 | 31        |
| 56 | 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.   | 1.9 | 12        |
| 57 | Comparative Virulence of Reproductive Diseases Caused by Type 1 (European-like) and Type 2 (North) Tj ETQq1 1 0.784314 rgBT /Ov<br>Pregnant Gilts. <i>Journal of Comparative Pathology</i> , 2014, 150, 297-305.   | 0.4 | 20        |
| 58 | Clinical, virological, immunological and pathological evaluation of four porcine circovirus type 2 vaccines. <i>Veterinary Journal</i> , 2014, 200, 65-70.   | 1.7 | 28        |
| 59 | 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.  | 1.9 | 85        |
| 60 | 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.   | 1.7 | 65        |
| 61 | 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.   | 3.1 | 24        |
| 62 | 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.  | 0.9 | 10        |
| 63 | 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.  | 3.8 | 28        |
| 64 | Commercial porcine circovirus type 2 vaccines: Efficacy and clinical application. <i>Veterinary Journal</i> , 2012, 194, 151-157.  | 1.7 | 99        |
| 65 | 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.   | 0.4 | 27        |
| 66 | 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.  | 3.1 | 29        |
| 67 | 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.  | 0.9 | 16        |
| 68 | A review of porcine circovirus 2-associated syndromes and diseases. <i>Veterinary Journal</i> , 2005, 169, 326-336.  | 1.7 | 312       |
| 69 | 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. | 1.1 | 47        |
| 70 | 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.   | 0.4 | 61        |
| 71 | Postweaning multisystemic wasting syndrome: a review of aetiology, diagnosis and pathology. <i>Veterinary Journal</i> , 2004, 168, 41-49.  | 1.7 | 130       |
| 72 | Postweaning multisystemic wasting syndrome: a review of aetiology, diagnosis and pathology. <i>Veterinary Journal</i> , 2004, 168, 41-49.  | 1.7 | 124       |

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|----|--|-----|-----------|
| 73 | Pathogenesis of Postweaning Multisystemic Wasting Syndrome Reproduced by Co-infection with Korean Isolates of Porcine Circovirus 2 and Porcine Parvovirus. Journal of Comparative Pathology, 2003, 128, 52-59.   | 0.4 | 82        |
| 74 | Chronologic Localization of Mycoplasma hyopneumoniae in Experimentally Infected Pigs. Veterinary Pathology, 2002, 39, 584-587.   | 1.7 | 39        |
| 75 | 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. Journal of Veterinary Diagnostic Investigation, 2002, 14, 56-60. | 1.1 | 17        |
| 76 | Prevalence of porcine epidemic diarrhoea virus and transmissible gastroenteritis virus infection in Korean pigs. Veterinary Record, 2000, 147, 606-608.  | 0.3 | 77        |
| 77 | In Situ Hybridization for the Detection and Localization of Swine Chlamydia trachomatis. Veterinary Pathology, 1999, 36, 133-137.  | 1.7 | 11        |
| 78 | Diarrhoea in nursing piglets associated with coccidiosis: prevalence, microscopic lesions and coexisting microorganisms. Veterinary Record, 1998, 143, 417-420.  | 0.3 | 27        |
| 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 Mycoplasma hyopneumoniae. Frontiers in Veterinary Science, 0, 9, .  | 2.2 | 0         |