

# Siyeon Yang

## List of Publications by Citations

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93  
papers

1,291  
citations

20  
h-index

31  
g-index

100  
ext. papers

1,582  
ext. citations

2.8  
avg, IF

5.08  
L-index

#	Paper	IF	Citations
93	Commercial porcine circovirus type 2 vaccines: efficacy and clinical application. <i>Veterinary Journal</i> , <b>2012</b> , 194, 151-7	2.5	80
92	Porcine postweaning multisystemic wasting syndrome in Korean pig: detection of porcine circovirus 2 infection by immunohistochemistry and polymerase chain reaction. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2000</b> , 12, 151-3	1.5	79
91	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> , <b>2014</b> , 172, 432-42	3.3	66
90	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> , <b>2016</b> , 212, 1-6	2.5	54
89	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> , <b>2014</b> , 159, 3107-11	2.6	53
88	Comparison of virus isolation, reverse transcription-polymerase chain reaction, immunohistochemistry, and in situ hybridization for the detection of porcine reproductive and respiratory syndrome virus from naturally aborted fetuses and stillborn piglets. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2000</b> , 12, 582-7	1.5	49
87	Inhalation of titanium dioxide induces endoplasmic reticulum stress-mediated autophagy and inflammation in mice. <i>Food and Chemical Toxicology</i> , <b>2015</b> , 85, 106-13	4.7	40
86	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> , <b>2015</b> , 22, 631-40		37
85	Prevalence of the enteroaggregative <i>Escherichia coli</i> heat-stable enterotoxin 1 gene and its relationship with fimbrial and enterotoxin genes in <i>E. coli</i> isolated from diarrheic piglets. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2001</b> , 13, 26-9	1.5	36
84	Porcine circovirus type 2 and its associated diseases in Korea. <i>Virus Research</i> , <b>2012</b> , 164, 107-13	6.4	33
83	Prevalence of genotypes for fimbriae and enterotoxins and of O serogroups in <i>Escherichia coli</i> isolated from diarrheic piglets in Korea. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>1999</b> , 11, 146-51	1.5	33
82	Cross-protection of a new type 2 porcine reproductive and respiratory syndrome virus (PRRSV) modified live vaccine (Fostera PRRS) against heterologous type 1 PRRSV challenge in growing pigs. <i>Veterinary Microbiology</i> , <b>2015</b> , 177, 87-94	3.3	31
81	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> , <b>2014</b> , 45, 12	3.8	30
80	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> , <b>2015</b> , 177, 43-52	3.3	27
79	Outbreak of diarrhea associated with <i>Enterococcus durans</i> in piglets. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>1996</b> , 8, 123-4	1.5	27
78	Evaluation of a porcine circovirus type 2a (PCV2a) vaccine efficacy against experimental PCV2a, PCV2b, and PCV2d challenge. <i>Veterinary Microbiology</i> , <b>2019</b> , 231, 87-92	3.3	25
77	Clinical, virological, immunological and pathological evaluation of four porcine circovirus type 2 vaccines. <i>Veterinary Journal</i> , <b>2014</b> , 200, 65-70	2.5	24

76	Monoclonal antibody-based immunohistochemical detection of porcine epidemic diarrhea virus antigen in formalin-fixed, paraffin-embedded intestinal tissues. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>1999</b> , 11, 458-62	1.5	24
75	Efficacy of a reformulated inactivated chimeric PCV1-2 vaccine based on clinical, virological, pathological and immunological examination under field conditions. <i>Vaccine</i> , <b>2012</b> , 30, 6671-7	4.1	23
74	Comparison of sow and/or piglet vaccination of 3 commercial porcine circovirus type 2 (PCV2) single-dose vaccines on pigs under experimental PCV2 challenge. <i>Veterinary Microbiology</i> , <b>2014</b> , 172, 371-80	3.3	20
73	Formation of liposome by microfluidic flow focusing and its application in gene delivery <b>2012</b> , 24, 129-135		20
72	Protective effect of the maternally derived porcine circovirus type 2 (PCV2)-specific cellular immune response in piglets by dam vaccination against PCV2 challenge. <i>Journal of General Virology</i> , <b>2012</b> , 93, 1556-1562	4.9	20
71	Comparison of two genetically distant type 2 porcine reproductive and respiratory syndrome virus (PRRSV) modified live vaccines against Vietnamese highly pathogenic PRRSV. <i>Veterinary Microbiology</i> , <b>2015</b> , 179, 233-41	3.3	18
70	Evaluation of a 20year old porcine reproductive and respiratory syndrome (PRRS) modified live vaccine (Ingelvac(®) PRRS MLV) against two recent type 2 PRRS virus isolates in South Korea. <i>Veterinary Microbiology</i> , <b>2016</b> , 192, 102-109	3.3	18
69	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> , <b>2013</b> , 20, 369-76		18
68	The effect of RNAi silencing of p62 using an osmotic polysorbitol transporter on autophagy and tumorigenesis in lungs of K-rasLA1 mice. <i>Biomaterials</i> , <b>2014</b> , 35, 1584-96	15.6	17
67	First isolation and genetic characterization of porcine circovirus type 3 using primary porcine kidney cells. <i>Veterinary Microbiology</i> , <b>2020</b> , 241, 108576	3.3	17
66	Interaction of porcine circovirus type 2 and Mycoplasma hyopneumoniae vaccines on dually infected pigs. <i>Vaccine</i> , <b>2014</b> , 32, 2480-6	4.1	16
65	Endoplasmic reticulum-Golgi intermediate compartment protein 3 knockdown suppresses lung cancer through endoplasmic reticulum stress-induced autophagy. <i>Oncotarget</i> , <b>2016</b> , 7, 65335-65347	3.3	16
64	Efficacy of a new bivalent vaccine of porcine circovirus type 2 and Mycoplasma hyopneumoniae (FosteralPCV MH) under experimental conditions. <i>Vaccine</i> , <b>2016</b> , 34, 270-275	4.1	15
63	Seroprevalence of antibody to porcine reproductive and respiratory syndrome virus using enzyme-linked immunosorbent assay in selected herds in Korea. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>1997</b> , 9, 434-6	1.5	12
62	Genotypic prevalence of apx1V in Actinobacillus pleuropneumoniae field isolates. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2001</b> , 13, 175-7	1.5	12
61	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> , <b>2015</b> , 103, 193-200	2.5	11
60	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> , <b>2018</b> , 214, 113-124	3.3	11
59	Effect of porcine circovirus type 2 (PCV2) vaccination on PCV2-viremic piglets after experimental PCV2 challenge. <i>Veterinary Research</i> , <b>2014</b> , 45, 13	3.8	11

58	A new modified live porcine reproductive and respiratory syndrome vaccine improves growth performance in pigs under field conditions. <i>Vaccine Journal</i> , <b>2014</b> , 21, 1350-6		11
57	Field porcine reproductive and respiratory syndrome viruses (PRRSV) attenuated by codon pair deoptimization (CPD) in NSP1 protected pigs from heterologous challenge. <i>Virology</i> , <b>2020</b> , 540, 172-183 <sup>3,6</sup>		11
56	Comparative analyses of humoral and cell-mediated immune responses upon vaccination with different commercially available single-dose porcine circovirus type 2 vaccines. <i>Research in Veterinary Science</i> , <b>2014</b> , 97, 38-42	2.5	10
55	High Inorganic Phosphate Intake Promotes Tumorigenesis at Early Stages in a Mouse Model of Lung Cancer. <i>PLoS ONE</i> , <b>2015</b> , 10, e0135582	3.7	10
54	Comparison of porcine circovirus type 2 (PCV2)-associated lesions produced by co-infection between two genotypes of PCV2 and two genotypes of porcine reproductive and respiratory syndrome virus. <i>Journal of General Virology</i> , <b>2014</b> , 95, 2486-2494	4.9	9
53	Evaluation of the effect of a porcine reproductive and respiratory syndrome (PRRS) modified-live virus vaccine on sow reproductive performance in endemic PRRS farms. <i>Veterinary Microbiology</i> , <b>2017</b> , 208, 47-52	3.3	9
52	Lectin histochemical characteristics of the epithelial surface of ileal Peyer's patches in 3-week-old pigs. <i>Journal of Veterinary Medical Science</i> , <b>1997</b> , 59, 931-4	1.1	9
51	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> , <b>2018</b> , 82, 39-47	0.5	9
50	Interaction between single-dose Mycoplasma hyopneumoniae and porcine reproductive and respiratory syndrome virus vaccines on dually infected pigs. <i>Research in Veterinary Science</i> , <b>2014</b> , 96, 516-22	2.5	8
49	Comparison of protection provided by type 1 and type 2 porcine reproductive and respiratory syndrome field viruses against homologous and heterologous challenge. <i>Veterinary Microbiology</i> , <b>2016</b> , 191, 72-81	3.3	8
48	Commercial PRRS Modified-Live Virus Vaccines. <i>Vaccines</i> , <b>2021</b> , 9,	5.3	8
47	Commercial porcine reproductive and respiratory syndrome virus (PRRSV)-2 modified live virus vaccine against heterologous single and dual Korean PRRSV-1 and PRRSV-2 challenge. <i>Veterinary Record</i> , <b>2018</b> , 182, 485	0.9	7
46	A high affinity kidney targeting by chitobionic acid-conjugated polysorbitol gene transporter alleviates unilateral ureteral obstruction in rats. <i>Biomaterials</i> , <b>2016</b> , 102, 43-57	15.6	7
45	Increased fucosyl glycoconjugate by Mycoplasma hyopneumoniae enhances adherences of Pasteurella multocida type A in the ciliated epithelial cells of the respiratory tract. <i>BMC Veterinary Research</i> , <b>2016</b> , 12, 25	2.7	7
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> , <b>2018</b> , 223, 119-125	3.3	7
43	An emerging porcine circovirus type 2b mutant (mPCV2b) originally known as PCV2d. <i>Veterinary Journal</i> , <b>2015</b> , 203, 6-9	2.5	7
42	Application of reverse transcription polymerase chain reaction to detect porcine epidemic diarrhea virus in Vero cell culture. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>1999</b> , 11, 537-8	1.5	7
41	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> , <b>2020</b> , 69, 101423	2.6	6

40	A new single-dose bivalent vaccine of porcine circovirus type 2 and <i>Mycoplasma hyopneumoniae</i> elicits protective immunity and improves growth performance under field conditions. <i>Veterinary Microbiology</i> , <b>2016</b> , 182, 178-86	3.3	6
39	Nucleotide sequence analysis of Vietnamese highly pathogenic porcine reproductive and respiratory syndrome virus from 2013 to 2014 based on the NSP2 and ORF5 coding regions. <i>Archives of Virology</i> , <b>2016</b> , 161, 669-75	2.6	6
38	First Isolation of <i>Streptococcus halichoeri</i> and <i>Streptococcus phocae</i> from a Steller Sea Lion ( <i>Eumetopias jubatus</i> ) in South Korea. <i>Journal of Wildlife Diseases</i> , <b>2016</b> , 52, 183-5	1.3	6
37	Lectin-binding capacity of glycoconjugates in <i>Escherichia coli</i> O9:K103:NM, 987P+ST+-infected porcine lower small intestines. <i>Journal of Veterinary Medical Science</i> , <b>2000</b> , 62, 543-7	1.1	6
36	Evaluation of the new commercial recombinant chimeric subunit vaccine PRRSFREE in challenge with heterologous types 1 and 2 porcine reproductive and respiratory syndrome virus. <i>Canadian Journal of Veterinary Research</i> , <b>2017</b> , 81, 12-21	0.5	6
35	Localization of classical swine fever virus in male gonads during subclinical infection. <i>Journal of General Virology</i> , <b>2002</b> , 83, 2717-2721	4.9	6
34	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> , <b>2019</b> , 239, 108497	3.3	6
33	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> , <b>2018</b> , 65, 1641-1647	4.2	5
32	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> , <b>2019</b> , 15, 342	2.7	5
31	Spontaneous gastric carcinoid tumors in the striped field mouse ( <i>Apodemus agrarius</i> ). <i>Journal of Veterinary Medical Science</i> , <b>1997</b> , 59, 703-6	1.1	5
30	Prevalence of eaeA+ <i>Escherichia coli</i> isolated from pigs with diarrhea. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2001</b> , 13, 355-6	1.5	5
29	Therapeutic effect of <i>Broussonetia papyrifera</i> and <i>Lonicera japonica</i> in ovalbumin-induced murine asthma model. <i>Natural Product Communications</i> , <b>2013</b> , 8, 1609-14	0.9	5
28	Effect of vaccination with a porcine reproductive and respiratory syndrome subunit vaccine on sow reproductive performance in endemic farms. <i>Veterinary Record</i> , <b>2018</b> , 182, 602	0.9	4
27	Comparative evaluation of the efficacy of commercial and prototype PRRS subunit vaccines against an HP-PRRSV challenge. <i>Journal of Veterinary Medical Science</i> , <b>2018</b> , 80, 1463-1467	1.1	4
26	Development of porcine circovirus 2 (PCV2) open reading frame 2 DNA vaccine with different adjuvants and comparison with commercial PCV2 subunit vaccine in an experimental challenge. <i>Canadian Journal of Veterinary Research</i> , <b>2017</b> , 81, 171-177	0.5	4
25	The first isolation of porcine circovirus type 2e from a Korean pig. <i>Archives of Virology</i> , <b>2020</b> , 165, 2927-2930		4
24	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> , <b>2021</b> , 68, 3043-3047	4.2	4
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. <i>Veterinary Medicine and Science</i> , <b>2020</b> , 6, 846-853	2.1	4

22	Therapeutic Effect of <i>Broussonetia papyrifera</i> and <i>Lonicera japonica</i> in Ovalbumin-induced Murine Asthma Model. <i>Natural Product Communications</i> , <b>2013</b> , 8, 1934578X1300801	0.9	3
21	Comparison of 2 commercial single-dose <i>Mycoplasma hyopneumoniae</i> vaccines and porcine reproductive and respiratory syndrome virus (PRRSV) vaccines on pigs dually infected with <i>M. hyopneumoniae</i> and PRRSV. <i>Canadian Journal of Veterinary Research</i> , <b>2016</b> , 80, 112-23	0.5	3
20	Evaluation of the efficacy of a novel porcine circovirus type 2 synthetic peptide vaccine. <i>Canadian Journal of Veterinary Research</i> , <b>2018</b> , 82, 146-153	0.5	3
19	The efficacy and performance impact of Foster PRRS in a Vietnamese commercial pig farm naturally challenged by a highly pathogenic PRRS virus. <i>Tropical Animal Health and Production</i> , <b>2020</b> , 52, 1725-1732	1.7	2
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> , <b>2020</b> , 82, 224-228	1.1	2
17	The Isolation and Replication of African Swine Fever Virus in Primary Renal-Derived Swine Macrophages. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 645456	3.1	2
16	Age-related viral load and severity of systemic pathological lesions in acute naturally occurring African swine fever virus genotype II infections. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , <b>2021</b> , 79, 101709	2.6	2
15	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> , <b>2020</b> , 6, 860-874	2.1	1
14	Evaluation of commercial polyclonal- and monoclonal-antibody-based immunohistochemical tests for 2 genotypes of Porcine circovirus type 2 and comparison with in-situ hybridization assays. <i>Canadian Journal of Veterinary Research</i> , <b>2014</b> , 78, 233-6	0.5	1
13	Concurrent vaccination of boars with type 1 and type 2 porcine reproductive and respiratory syndrome virus (PRRSV) reduces seminal shedding of type 1 and type 2 PRRSV. <i>Canadian Journal of Veterinary Research</i> , <b>2017</b> , 81, 108-117	0.5	1
12	A Dual Swine Challenge With Porcine Circovirus Type 2 (PCV2) and Used to Compare a Combination of Mixable Monovalent PCV2 and Monovalent Vaccines With a Ready-to Use PCV2 and Bivalent Vaccine. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 579	3.1	1
11	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> , <b>2019</b> , 63, 66-73	2.6	1
10	Field evaluation of a sing-dose bivalent vaccine of porcine circovirus type 2b and <i>Mycoplasma hyopneumoniae</i> . <i>Veterinary Medicine and Science</i> , <b>2021</b> , 7, 755-765	2.1	1
9	Generation and Characterization of a Spike Glycoprotein Domain A-Specific Neutralizing Single-Chain Variable Fragment against Porcine Epidemic Diarrhea Virus. <i>Vaccines</i> , <b>2021</b> , 9,	5.3	1
8	Polychlorinated dibenzo-p-dioxins and dibenzofurans levels in piglet liver with various diseases. <i>International Journal of Experimental Pathology</i> , <b>2017</b> , 98, 214-220	2.8	0
7	Efficacy Evaluation of a Bivalent Vaccine Containing Porcine Circovirus Type 2b and Against an Experimental Dual Challenge. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 652313	3.1	0
6	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> , <b>2021</b> , 258, 109100	3.3	0
5	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> , <b>2021</b> , 83, 427-430	1.1	0

4	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> , <b>2021</b> , 187, 75-82	1	0
3	Pharmacokinetics and toxicity evaluation following oral exposure to bisphenol F.. <i>Archives of Toxicology</i> , <b>2022</b> , 1	5.8	0
2	A comparative efficacy test of 1 2 doses of CIRCOQ PCV2 subunit vaccine against naturally occurring PCV2-type d in piglets with high maternally derived antibodies (MDAs) on a Vietnamese swine farm. <i>Canadian Journal of Veterinary Research</i> , <b>2021</b> , 85, 93-100	0.5	
1	Chronological expression and distribution of African swine fever virus p30 and p72 proteins in experimentally infected pigs.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4151	4.9	