Siyeon Yang

List of Publications by Year
in descending order

100 papers	1,791 citations	257357 24 h-index	330025 37 g-index
100 all docs	100 docs citations	100 times ranked	1447 citing authors

#	Article	IF	Citations
1	Commercial porcine circovirus type 2 vaccines: Efficacy and clinical application. Veterinary Journal, 2012, 194, 151-157.	0.6	99
2	Porcine Postweaning Multisystemic Wasting Syndrome in Korean Pig: Detection of Porcine Circovirus 2 Infection by Immunohistochemistry and Polymerase Chain Reaction. Journal of Veterinary Diagnostic Investigation, 2000, 12, 151-153.	0.5	88
3	Porcine respiratory disease complex: Interaction of vaccination and porcine circovirus type 2, porcine reproductive and respiratory syndrome virus, and Mycoplasma hyopneumoniae. Veterinary Journal, 2016, 212, 1-6.	0.6	86
4	Evaluation of the efficacy of a new modified live porcine reproductive and respiratory syndrome virus (PRRSV) vaccine (Fostera PRRS) against heterologous PRRSV challenge. Veterinary Microbiology, 2014, 172, 432-442.	0.8	85
5	Genetic and antigenic characterization of a newly emerging porcine circovirus type 2b mutant first isolated in cases of vaccine failure in Korea. Archives of Virology, 2014, 159, 3107-3111.	0.9	75
6	Inhalation of titanium dioxide induces endoplasmic reticulum stress-mediated autophagy and inflammation in mice. Food and Chemical Toxicology, 2015, 85, 106-113.	1.8	53
7	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. Journal of Veterinary Diagnostic Investigation, 2000, 12, 582-587.	0.5	51
8	Commercial PRRS Modified-Live Virus Vaccines. Vaccines, 2021, 9, 185.	2.1	49
9	Evaluation of a porcine circovirus type 2a (PCV2a) vaccine efficacy against experimental PCV2a, PCV2b, and PCV2d challenge. Veterinary Microbiology, 2019, 231, 87-92.	0.8	48
10	Comparison of three commercial one-dose porcine circovirus type 2 (PCV2) vaccines in a herd with concurrent circulation of PCV2b and mutant PCV2b. Veterinary Microbiology, 2015, 177, 43-52.	0.8	45
11	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. Vaccine Journal, 2015, 22, 631-640.	3.2	44
12	Prevalence of the Enteroaggregative Escherichia Coli Heat-Stable Enterotoxin 1 Gene and Its Relationship with Fimbrial and Enterotoxin Genes in E. Coli Isolated from Diarrheic Piglets. Journal of Veterinary Diagnostic Investigation, 2001, 13, 26-29.	0.5	43
13	Prevalence of Genotypes for Fimbriae and Enterotoxins and of O Serogroups in Escherichia Coli Isolated from Diarrheic Piglets in Korea. Journal of Veterinary Diagnostic Investigation, 1999, 11, 146-151.	0.5	38
14	Porcine circovirus type 2 and its associated diseases in Korea. Virus Research, 2012, 164, 107-113.	1.1	38
15	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. Veterinary Microbiology, 2015, 177, 87-94.	0.8	38
16	Outbreak of Diarrhea Associated withEnterococcus Duransin Piglets. Journal of Veterinary Diagnostic Investigation, 1996, 8, 123-124.	0.5	33
17	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. Veterinary Research, 2014, 45, 12.	1.1	31
18	Efficacy of a reformulated inactivated chimeric PCV1-2 vaccine based on clinical, virological, pathological and immunological examination under field conditions. Vaccine, 2012, 30, 6671-6677.	1.7	28

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19	Clinical, virological, immunological and pathological evaluation of four porcine circovirus type 2 vaccines. Veterinary Journal, 2014, 200, 65-70.	0.6	28
20	First isolation and genetic characterization of porcine circovirus type 3 using primary porcine kidney cells. Veterinary Microbiology, 2020, 241, 108576.	0.8	28
21	Monoclonal Antibody-Based Immunohistochemical Detection of Porcine Epidemic Diarrhea Virus Antigen in Formalin-Fixed, Paraffin-Embedded Intestinal Tissues. Journal of Veterinary Diagnostic Investigation, 1999, 11, 458-462.	0.5	26
22	Protective effect of the maternally derived porcine circovirus type 2 (PCV2)-specific cellular immune response in piglets by dam vaccination against PCV2 challenge. Journal of General Virology, 2012, 93, 1556-1562.	1.3	25
23	Comparison of sow and/or piglet vaccination of 3 commercial porcine circovirus type 2 (PCV2) single-dose vaccines on pigs under experimental PCV2 challenge. Veterinary Microbiology, 2014, 172, 371-380.	0.8	25
24	Formation of liposome by microfluidic flow focusing and its application in gene delivery. Korea Australia Rheology Journal, 2012, 24, 129-135.	0.7	24
25	Comparative Effects of Vaccination against Porcine Circovirus Type 2 (PCV2) and Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) in a PCV2-PRRSV Challenge Model. Vaccine Journal, 2013, 20, 369-376.	3.2	24
26	Efficacy of a new bivalent vaccine of porcine circovirus type 2 and Mycoplasma hyopneumoniae (Fosteraâ„¢ PCV MH) under experimental conditions. Vaccine, 2016, 34, 270-275.	1.7	24
27	Endoplasmic reticulum-Golgi intermediate compartment protein 3 knockdown suppresses lung cancer through endoplasmic reticulum stress-induced autophagy. Oncotarget, 2016, 7, 65335-65347.	0.8	22
28	Evaluation of a 20 year old porcine reproductive and respiratory syndrome (PRRS) modified live vaccine (Ingelvac Ã® PRRS MLV) against two recent type 2 PRRS virus isolates in South Korea. Veterinary Microbiology, 2016, 192, 102-109.	0.8	21
29	Interaction of porcine circovirus type 2 and Mycoplasma hyopneumoniae vaccines on dually infected pigs. Vaccine, 2014, 32, 2480-2486.	1.7	20
30	Comparison of two genetically distant type 2 porcine reproductive and respiratory syndrome virus (PRRSV) modified live vaccines against Vietnamese highly pathogenic PRRSV. Veterinary Microbiology, 2015, 179, 233-241.	0.8	20
31	The effect of RNAi silencing of p62 using an osmotic polysorbitol transporter on autophagy and tumorigenesis in lungs of K-rasLA1 mice. Biomaterials, 2014, 35, 1584-1596.	5.7	18
32	Field porcine reproductive and respiratory syndrome viruses (PRRSV) attenuated by codon pair deoptimization (CPD) in NSP1 protected pigs from heterologous challenge. Virology, 2020, 540, 172-183.	1.1	18
33	The prevalence of porcine circovirus type 2e (PCV2e) in Korean slaughter pig lymph nodes when compared with other PCV2 genotypes. Transboundary and Emerging Diseases, 2021, 68, 3043-3047.	1.3	17
34	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. Journal of General Virology, 2014, 95, 2486-2494.	1.3	16
35	Genotypic Prevalence ofapxIVinActinobacillus PleuropneumoniaeField Isolates. Journal of Veterinary Diagnostic Investigation, 2001, 13, 175-177.	0.5	15
36	A New Modified Live Porcine Reproductive and Respiratory Syndrome Vaccine Improves Growth Performance in Pigs under Field Conditions. Vaccine Journal, 2014, 21, 1350-1356.	3.2	15

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37	Effect of porcine circovirus type 2 (PCV2) vaccination on PCV2-viremic piglets after experimental PCV2 challenge. Veterinary Research, 2014, 45, 13.	1.1	15
38	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.	0.8	15
39	Seroprevalence of Antibody to Porcine Reproductive and Respiratory Syndrome Virus using Enzyme-Linked Immunosorbent Assay in Selected Herds in Korea. Journal of Veterinary Diagnostic Investigation, 1997, 9, 434-436.	0.5	14
40	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. Research in Veterinary Science, 2015, 103, 193-200.	0.9	14
41	Increased fucosyl glycoconjugate by Mycoplasma hyopneumoniae enhances adherences of Pasteurella multocida type A in the ciliated epithelial cells of the respiratory tract. BMC Veterinary Research, 2016, 12, 25.	0.7	14
42	The first isolation of porcine circovirus type 2e from a Korean pig. Archives of Virology, 2020, 165, 2927-2930.	0.9	14
43	Evaluation of the effect of a porcine reproductive and respiratory syndrome (PRRS) modified-live virus vaccine on sow reproductive performance in endemic PRRS farms. Veterinary Microbiology, 2017, 208, 47-52.	0.8	13
44	High Inorganic Phosphate Intake Promotes Tumorigenesis at Early Stages in a Mouse Model of Lung Cancer. PLoS ONE, 2015, 10, e0135582.	1.1	13
45	Interaction between single-dose Mycoplasma hyopneumoniae and porcine reproductive and respiratory syndrome virus vaccines on dually infected pigs. Research in Veterinary Science, 2014, 96, 516-522.	0.9	12
46	Commercial porcine reproductive and respiratory syndrome virus (PRRSV)â€2 modified live virus vaccine against heterologous single and dual Korean PRRSVâ€1 and PRRSVâ€2 challenge. Veterinary Record, 2018, 182, 485-485.	0.2	12
47	Comparative analyses of humoral and cell-mediated immune responses upon vaccination with different commercially available single-dose porcine circovirus type 2 vaccines. Research in Veterinary Science, 2014, 97, 38-42.	0.9	11
48	Lectin Histochemical Characteristics of the Epithelial Surface of Ileal Peyer's Patches in 3-Week-Old Pigs.. Journal of Veterinary Medical Science, 1997, 59, 931-934.	0.3	10
49	Comparison of protection provided by type 1 and type 2 porcine reproductive and respiratory syndrome field viruses against homologous and heterologous challenge. Veterinary Microbiology, 2016, 191, 72-81.	0.8	10
50	A new single-dose bivalent vaccine of porcine circovirus type 2 and Mycoplasma hyopneumoniae elicits protective immunity and improves growth performance under field conditions. Veterinary Microbiology, 2016, 182, 178-186.	0.8	10
51	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. Archives of Virology, 2016, 161, 669-675.	0.9	10
52	First Isolation of Streptococcus halichoeri and Streptococcus phocae from a Steller Sea Lion (Eumetopias jubatus) in South Korea. Journal of Wildlife Diseases, 2016, 52, 183-185.	0.3	10
53	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.	0.7	10
54	Comparison of 3 vaccination strategies against porcine reproductive and respiratory syndrome virus, and porcine circovirus type 2 on a 3 pathogen challenge model. Canadian Journal of Veterinary Research, 2018, 82, 39-47.	0.2	10

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55	Pharmacokinetics and toxicity evaluation following oral exposure to bisphenol F. Archives of Toxicology, 2022, 96, 1711-1728.	1.9	10
56	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. Veterinary Microbiology, 2018, 223, 119-125.	0.8	9
57	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. Transboundary and Emerging Diseases, 2018, 65, 1641-1647.	1.3	9
58	The Isolation and Replication of African Swine Fever Virus in Primary Renal-Derived Swine Macrophages. Frontiers in Veterinary Science, 2021, 8, 645456.	0.9	9
59	Application of Reverse Transcription Polymerase Chain Reaction to Detect Porcine Epidemic Diarrhea Virus in Vero Cell Culture. Journal of Veterinary Diagnostic Investigation, 1999, 11, 537-538.	0.5	8
60	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.	0.7	8
61	A Comparison of Pathogenicity and Virulence of Three Porcine Circovirus Type 2 (PCV2) Genotypes (a,) Tj ETQq1 1 0.784314 rgBT /Over hyopneumoniae and PCV2. Pathogens, 2021, 10, 979.	1.2	8
62	Lectin-binding Capacity of Glycoconjugates in Escherichia coli 09:K103:NM, 987P+ST+-Infected Porcine Lower Small Intestines.. Journal of Veterinary Medical Science, 2000, 62, 543-547.	0.3	7
63	Therapeutic Effect of Broussonetia papyrifera and Lonicera japonica in Ovalbumin-induced Murine Asthma Model. Natural Product Communications, 2013, 8, 1934578X1300801.	0.2	7
64	An emerging porcine circovirus type 2b mutant (mPCV2b) originally known as PCV2d. Veterinary Journal, 2015, 203, 6-9.	0.6	7
65	A high affinity kidney targeting by chitobionic acid-conjugated polysorbitol gene transporter alleviates unilateral ureteral obstruction in rats. Biomaterials, 2016, 102, 43-57.	5.7	7
66	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.	0.8	7
67	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. Pathogens, 2021, 10, 891.	1.2	7
68	Localization of classical swine fever virus in male gonads during subclinical infection. Journal of General Virology, 2002, 83, 2717-2721.	1.3	7
69	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.	0.3	6
70	Age-related viral load and severity of systemic pathological lesions in acute naturally occurring African swine fever virus genotype II infections. Comparative Immunology, Microbiology and Infectious Diseases, 2021, 79, 101709.	0.7	6
71	Comparative evaluation of 4 commercial modifiedâ€live porcine reproductive and respiratory syndrome virus (PRRSV) vaccines against heterologous dual Korean PRRSVâ€1 and PRRSVâ€2 challenge. Veterinary Medicine and Science, 2020, 6, 846-853.	0.6	6
72	Evaluation of the new commercial recombinant chimeric subunit vaccine PRRSFREE in challenge with heterologous types 1 and 2 porcine reproductive and respiratory syndrome virus. Canadian Journal of Veterinary Research, 2017, 81, 12-21.	0.2	6

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73	Therapeutic effect of Broussonetia papyrifera and Lonicera japonica in ovalbumin-induced murine asthma model. Natural Product Communications, 2013, 8, 1609-14.	0.2	6
74	Spontaneous Gastric Carcinoid Tumors in the Striped Field Mouse (Apodemus agrarius).. Journal of Veterinary Medical Science, 1997, 59, 703-706.	0.3	5
75	Prevalence of EaeA+ Escherichia Coli Isolated from Pigs with Diarrhea. Journal of Veterinary Diagnostic Investigation, 2001, 13, 355-356.	0.5	5
76	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.	0.7	5
77	The efficacy and performance impact of Fostera PRRS in a Vietnamese commercial pig farm naturally challenged by a highly pathogenic PRRS virus. Tropical Animal Health and Production, 2020, 52, 1725-1732.	0.5	5
78	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.	0.9	5
79	Experimental efficacy of a trivalent vaccine containing porcine circovirus types 2a/b (PCV2a/b) and Mycoplasma hyopneumoniae against PCV2d and M. hyopneumoniae challenges. Veterinary Microbiology, 2021, 258, 109100.	0.8	5
80	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. Canadian Journal of Veterinary Research, 2017, 81, 171-177.	0.2	5
81	Effect of vaccination with a porcine reproductive and respiratory syndrome subunit vaccine on sow reproductive performance in endemic farms. Veterinary Record, 2018, 182, 602-602.	0.2	4
82	Field evaluation of a singâ€dose bivalent vaccine of porcine circovirus type 2b and Mycoplasma hyopneumoniae. Veterinary Medicine and Science, 2021, 7, 755-765.	0.6	4
83	Generation and Characterization of a Spike Glycoprotein Domain A-Specific Neutralizing Single-Chain Variable Fragment against Porcine Epidemic Diarrhea Virus. Vaccines, 2021, 9, 833.	2.1	4
84	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. Journal of Veterinary Medical Science, 2020, 82, 224-228.	0.3	3
85	Comparative Evaluation of Growth Performance between Bivalent and Trivalent Vaccines Containing Porcine Circovirus Type 2 (PCV2) and Mycoplasma hyopneumoniae in a Herd with Subclinical PCV2d Infection and Enzootic Pneumonia. Vaccines, 2021, 9, 450.	2.1	3
86	A field efficacy trial of a trivalent vaccine containing porcine circovirus type 2a and 2b, and Mycoplasma hyopneumoniae in three herds. Veterinary Medicine and Science, 2022, 8, 578-590.	0.6	3
87	Comparison of 2 commercial single-dose Mycoplasma hyopneumoniae vaccines and porcine reproductive and respiratory syndrome virus (PRRSV) vaccines on pigs dually infected with M. hyopneumoniae and PRRSV. Canadian Journal of Veterinary Research, 2016, 80, 112-23.	0.2	3
88	Evaluation of the efficacy of a novel porcine circovirus type 2 synthetic peptide vaccine. Canadian Journal of Veterinary Research, 2018, 82, 146-153.	0.2	3
89	Polychlorinated dibenzoâ€pâ€dioxins and dibenzofurans levels in piglet liver with various diseases. International Journal of Experimental Pathology, 2017, 98, 214-220.	0.6	2
90	Optimal vaccination strategy against Mycoplasma hyopneumoniae, porcine reproductive and respiratory syndrome virus, and porcine circovirus type 2 in case of early M. hyopneumoniae infection. Veterinary Medicine and Science, 2020, 6, 860-874.	0.6	2

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91	Efficacy Evaluation of a Bivalent Vaccine Containing Porcine Circovirus Type 2b and Mycoplasma hyopneumoniae Against an Experimental Dual Challenge. Frontiers in Veterinary Science, 2021, 8, 652313.	0.9	2
92	Pathogenicity of Porcine Circovirus Type 2d (PCV2d) in Pigs Infected with PCV2d or Co-infected with Mycoplasma hyopneumoniae and PCV2d or with Porcine Reproductive and Respiratory Syndrome Virus and PCV2d. Journal of Comparative Pathology, 2021, 187, 75-82.	0.1	2
93	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. Canadian Journal of Veterinary Research, 2017, 81, 108-117.	0.2	2
94	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. Veterinary Microbiology, 2022, 272, 109512.	0.8	2
95	Experimental reproduction of porcine respiratory disease complex in pigs inoculated porcine reproductive and respiratory syndrome virus and Mycoplasma hyopneumoniae and followed by inoculation with porcine circovirus type 2. Journal of Veterinary Medical Science, 2021, 83, 427-430.	0.3	1
96	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. Canadian Journal of Veterinary Research, 2014, 78, 233-6.	0.2	1
97	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. Canadian Journal of Veterinary Research, 2021, 85, 93-100.	0.2	0
98	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 Mycoplasma hyopneumoniae. Vaccines, 2022, 10, 358.	2.1	0
99	Chronological expression and distribution of African swine fever virus p30 and p72 proteins in experimentally infected pigs. Scientific Reports, 2022, 12, 4151.	1.6	0
100	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, .	0.9	0