

# Roongroje Thanawongnuwech

## List of Publications by Year in descending order

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58  
papers

2,506  
citations

236925

25  
h-index

197818

49  
g-index

58  
all docs

58  
docs citations

58  
times ranked

2116  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Mycoplasma hyopneumoniae</i> Potentiation of Porcine Reproductive and Respiratory Syndrome Virus-Induced Pneumonia. <i>Journal of Clinical Microbiology</i> , 1999, 37, 620-627.	3.9	268
2	Fatal Avian Influenza A H5N1 in a Dog. <i>Emerging Infectious Diseases</i> , 2006, 12, 1744-1747.	4.3	233
3	Probable Tiger-to-Tiger Transmission of Avian Influenza H5N1. <i>Emerging Infectious Diseases</i> , 2005, 11, 699-701.	4.3	182
4	Chinese-like Strain of Porcine Epidemic Diarrhea Virus, Thailand. <i>Emerging Infectious Diseases</i> , 2009, 15, 1112-1115.	4.3	151
5	Upregulation of IL-10 gene expression in porcine peripheral blood mononuclear cells by porcine reproductive and respiratory syndrome virus. <i>Journal of General Virology</i> , 2003, 84, 453-459.	2.9	116
6	Upregulation of interleukin-10 gene expression in the leukocytes of pigs infected with porcine reproductive and respiratory syndrome virus. <i>Journal of General Virology</i> , 2003, 84, 2755-2760.	2.9	100
7	Porcine circovirus type 3 (PCV3) infection in grower pigs from a Thai farm suffering from porcine respiratory disease complex (PRDC). <i>Veterinary Microbiology</i> , 2018, 215, 71-76.	1.9	100
8	Differential production of proinflammatory cytokines: in vitro PRRSV and <i>Mycoplasma hyopneumoniae</i> co-infection model. <i>Veterinary Immunology and Immunopathology</i> , 2001, 79, 115-127.	1.2	88
9	Effect of porcine reproductive and respiratory syndrome virus (PRRSV) (isolate ATCC VR-2385) infection on bactericidal activity of porcine pulmonary intravascular macrophages (PIMs): in vitro comparisons with pulmonary alveolar macrophages (PAMs). <i>Veterinary Immunology and Immunopathology</i> , 1997, 59, 323-335.	1.2	86
10	Taming PRRSV: Revisiting the control strategies and vaccine design. <i>Virus Research</i> , 2010, 154, 133-140.	2.2	76
11	Pandemic (H1N1) 2009 Virus on Commercial Swine Farm, Thailand. <i>Emerging Infectious Diseases</i> , 2010, 16, 1587-1590.	4.3	66
12	Role of porcine reproductive and respiratory syndrome virus nucleocapsid protein in induction of interleukin-10 and regulatory T-lymphocytes (Treg). <i>Journal of General Virology</i> , 2012, 93, 1236-1246.	2.9	66
13	Influenza Virus (H5N1) in Live Bird Markets and Food Markets, Thailand. <i>Emerging Infectious Diseases</i> , 2008, 14, 1739-1742.	4.3	64
14	Interleukin-10, Interleukin-12, and Interferon- $\gamma$ Levels in the Respiratory Tract Following <i>Mycoplasma hyopneumoniae</i> and PRRSV Infection in Pigs. <i>Viral Immunology</i> , 2003, 16, 357-367.	1.3	58
15	The Future of the Pig Industry After the Introduction of African Swine Fever into Asia. <i>Animal Frontiers</i> , 2020, 10, 30-37.	1.7	55
16	Genetic characterization of canine influenza A virus (H3N2) in Thailand. <i>Virus Genes</i> , 2014, 48, 56-63.	1.6	54
17	Brief report: molecular characterization of a novel reassorted pandemic H1N1 2009 in Thai pigs. <i>Virus Genes</i> , 2011, 43, 1-5.	1.6	47
18	The role of pulmonary intravascular macrophages in porcine reproductive and respiratory syndrome virus infection. <i>Animal Health Research Reviews</i> , 2000, 1, 95-102.	3.1	46

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19	Pathogenesis of swine influenza virus (Thai isolates) in weanling pigs: an experimental trial. <i>Virology Journal</i> , 2009, 6, 34.	3.4	45
20	Influence of pig age on virus titer and bactericidal activity of porcine reproductive and respiratory syndrome virus (PRRSV)-infected pulmonary intravascular macrophages (PIMs). <i>Veterinary Microbiology</i> , 1998, 63, 177-187.	1.9	40
21	Genetic characterization of H1N1, H1N2 and H3N2 swine influenza virus in Thailand. <i>Archives of Virology</i> , 2008, 153, 1049-1056.	2.1	39
22	Major swine viral diseases: an Asian perspective after the African swine fever introduction. <i>Porcine Health Management</i> , 2020, 6, 20.	2.6	36
23	Porcine circovirus type 3 (PCV3) shedding in sow colostrum. <i>Veterinary Microbiology</i> , 2018, 220, 12-17.	1.9	34
24	Alterations of keratins, involucrin and filaggrin gene expression in canine atopic dermatitis. <i>Research in Veterinary Science</i> , 2012, 93, 1287-1292.	1.9	33
25	Serological evidence of pig-to-human influenza virus transmission on Thai swine farms. <i>Veterinary Microbiology</i> , 2011, 148, 413-418.	1.9	25
26	First molecular detection and complete sequence analysis of porcine circovirus type 3 (PCV3) in Peninsular Malaysia. <i>PLoS ONE</i> , 2020, 15, e0235832.	2.5	24
27	Genetic characterization of Thai swine influenza viruses after the introduction of pandemic H1N1 2009. <i>Virus Genes</i> , 2013, 47, 75-85.	1.6	23
28	Induction of porcine reproductive and respiratory syndrome virus (PRRSV)-specific regulatory T lymphocytes (Treg) in the lungs and tracheobronchial lymph nodes of PRRSV-infected pigs. <i>Veterinary Microbiology</i> , 2018, 216, 13-19.	1.9	21
29	Current Understanding of the Pathogenesis of Porcine Circovirus 3. <i>Pathogens</i> , 2022, 11, 64.	2.8	21
30	Immunohistochemical Detection of Porcine Reproductive and Respiratory Syndrome Virus Antigen in Neurovascular Lesions. <i>Journal of Veterinary Diagnostic Investigation</i> , 1997, 9, 334-337.	1.1	20
31	Immunohistochemical staining of IFN- $\gamma$ positive cells in porcine reproductive and respiratory syndrome virus-infected lungs. <i>Veterinary Immunology and Immunopathology</i> , 2003, 91, 73-77.	1.2	20
32	Genetic characterization of influenza A viruses (H5N1) isolated from 3rd wave of Thailand AI outbreaks. <i>Virus Research</i> , 2006, 122, 194-199.	2.2	18
33	Efficacy of Fosterer <sup>®</sup> PRRS modified live virus (MLV) vaccination strategy against a Thai highly pathogenic porcine reproductive and respiratory syndrome virus (HP-PRRSV) infection. <i>Tropical Animal Health and Production</i> , 2016, 48, 1351-1359.	1.4	18
34	Interleukin 17 (IL-17) manipulates mouse bone marrow- derived neutrophils in response to acute lung inflammation. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2019, 67, 101356.	1.6	18
35	Detection of Porcine Circovirus 2 (PCV-2) DNA by Nested PCR from Formalin-Fixed Tissues of Post-Weaning Multisystemic Wasting Syndrome (PMWS) Pigs in Thailand.. <i>Journal of Veterinary Medical Science</i> , 2002, 64, 449-452.	0.9	17
36	Effective surveillance for early classical swine fever virus detection will utilize both virus and antibody detection capabilities. <i>Veterinary Microbiology</i> , 2018, 216, 72-78.	1.9	16

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37	Comparison of detection procedures of <i>Mycoplasma hyopneumoniae</i> , <i>Mycoplasma hyosynoviae</i> , and <i>Mycoplasma hyorhinis</i> in lungs, tonsils, and synovial fluid of slaughtered pigs and their distributions in Thailand. <i>Tropical Animal Health and Production</i> , 2012, 44, 313-318.	1.4	15
38	Positive immunomodulatory effects of heterologous DNA vaccine- modified live vaccine, prime-boost immunization, against the highly-pathogenic PRRSV infection. <i>Veterinary Immunology and Immunopathology</i> , 2017, 183, 7-15.	1.2	15
39	Interleukin-1 receptor antagonist: an early immunomodulatory cytokine induced by porcine reproductive and respiratory syndrome virus. <i>Journal of General Virology</i> , 2017, 98, 77-88.	2.9	14
40	Detection of classical swine fever virus (CSFV) E2 and Erns antibody (IgG, IgA) in oral fluid specimens from inoculated (ALD strain) or vaccinated (LOM strain) pigs. <i>Veterinary Microbiology</i> , 2018, 224, 70-77.	1.9	13
41	Detection of Aujeszky's disease virus DNA and antibody in swine oral fluid specimens. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 1828-1835.	3.0	13
42	Efficacy of a type 2 PRRSV modified live vaccine (PrimePacâ,ç PRRS) against a Thai HP-PRRSV challenge. <i>Tropical Animal Health and Production</i> , 2018, 50, 1509-1518.	1.4	12
43	Tropism and Induction of Cytokines in Human Embryonic-Stem Cells-Derived Neural Progenitors upon Inoculation with Highly- Pathogenic Avian H5N1 Influenza Virus. <i>PLoS ONE</i> , 2015, 10, e0135850.	2.5	12
44	Prevalence of porcine reproductive and respiratory syndrome virus (PRRSV) antigen-positive uterine tissues in gilts culled due to reproductive disturbance in Thailand. <i>Tropical Animal Health and Production</i> , 2011, 43, 451-457.	1.4	10
45	Histologic morphology and involucrin, filaggrin, and keratin expression in normal canine skin from dogs of different breeds and coat types. <i>Journal of Veterinary Science</i> , 2012, 13, 163.	1.3	10
46	Reproductive performance of sows with and without PRRS modified live virus vaccination in PRRS-virus-seropositive herds. <i>Tropical Animal Health and Production</i> , 2014, 46, 1001-1007.	1.4	9
47	Experimental infection with a Thai reassortant swine influenza virus of pandemic H1N1 origin induced disease. <i>Virology Journal</i> , 2013, 10, 88.	3.4	8
48	Reproductive parameters following a PRRS outbreak where a whole-herd PRRS MLV vaccination strategy was instituted post-outbreak. <i>Tropical Animal Health and Production</i> , 2013, 45, 1099-1106.	1.4	8
49	Negative Immunomodulatory Effects of Type 2 Porcine Reproductive and Respiratory Syndrome Virus-Induced Interleukin-1 Receptor Antagonist on Porcine Innate and Adaptive Immune Functions. <i>Frontiers in Immunology</i> , 2019, 10, 579.	4.8	8
50	Determination of current reference viruses for serological study of swine influenza viruses after the introduction of pandemic 2009 H1N1 (pdmH1N1) in Thailand. <i>Journal of Virological Methods</i> , 2016, 236, 5-9.	2.1	7
51	An indirect enzyme-linked immunosorbent assay using a recombinant truncated capsid protein of Porcine circovirus-2. <i>Journal of Veterinary Diagnostic Investigation</i> , 2012, 24, 1129-1132.	1.1	5
52	Retrospective swine influenza serological surveillance in the four highest pig density provinces of Thailand before the introduction of the 2009 pandemic Influenza A virus subtype H1N1 using various antibody detection assays. <i>Journal of Veterinary Diagnostic Investigation</i> , 2013, 25, 45-53.	1.1	5
53	Oral fluid samples used for PRRSV acclimatization program and sow performance monitoring in endemic PRRS-positive farms. <i>Tropical Animal Health and Production</i> , 2018, 50, 291-298.	1.4	5
54	Prevalence of porcine reproductive and respiratory syndrome virus detection in aborted fetuses, mummified fetuses and stillborn piglets using quantitative polymerase chain reaction. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 1071-1077.	0.9	4

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55	Detection of porcine reproductive and respiratory syndrome virus in the ovary of gilts culled due to reproductive disturbances. <i>Comparative Clinical Pathology</i> , 2015, 24, 903-910.	0.7	4
56	Protection of human influenza vaccines against a reassortant swine influenza virus of pandemic H1N1 origin using a pig model. <i>Research in Veterinary Science</i> , 2017, 114, 6-11.	1.9	3
57	Single-step multiplex reverse transcription polymerase chain reaction assay for detection and differentiation of the 2009 H1N1 <i>Influenza A virus</i> pandemic in Thai swine populations. <i>Journal of Veterinary Diagnostic Investigation</i> , 2011, 23, 1017-1021.	1.1	1
58	Development of Nonstructural Protein-Based Indirect ELISA to Identify Elephant Endotheliotropic Herpesvirus (EEHV) Infection in Asian Elephants ( <i>Elephas maximus</i> ). <i>Animals</i> , 2022, 12, 1747.	2.3	1