

# Thiravat Thiravat Hemachudha

## List of Publications by Citations

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122  
papers

4,188  
citations

35  
h-index

62  
g-index

129  
ext. papers

4,916  
ext. citations

7.9  
avg, IF

5.21  
L-index

#	Paper	IF	Citations
122	Rabies re-examined. <i>Lancet Infectious Diseases, The</i> , <b>2002</b> , 2, 327-43	25.5	390
121	Human rabies: a disease of complex neuropathogenetic mechanisms and diagnostic challenges. <i>Lancet Neurology, The</i> , <b>2002</b> , 1, 101-9	24.1	280
120	Human rabies: neuropathogenesis, diagnosis, and management. <i>Lancet Neurology, The</i> , <b>2013</b> , 12, 498-513	14.1	202
119	Bat Nipah virus, Thailand. <i>Emerging Infectious Diseases</i> , <b>2005</b> , 11, 1949-51	10.2	176
118	Myelin basic protein as an encephalitogen in encephalomyelitis and polyneuritis following rabies vaccination. <i>New England Journal of Medicine</i> , <b>1987</b> , 316, 369-74	59.2	156
117	Evidence for novel hepaciviruses in rodents. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003438	7.6	148
116	Rabies. <i>Nature Reviews Disease Primers</i> , <b>2017</b> , 3, 17091	51.1	140
115	Evidence for SARS-CoV-2 related coronaviruses circulating in bats and pangolins in Southeast Asia. <i>Nature Communications</i> , <b>2021</b> , 12, 972	17.4	135
114	A longitudinal study of the prevalence of Nipah virus in <i>Pteropus lylei</i> bats in Thailand: evidence for seasonal preference in disease transmission. <i>Vector-Borne and Zoonotic Diseases</i> , <b>2010</b> , 10, 183-90	2.4	111
113	Diagnosis of rabies by polymerase chain reaction with nested primers. <i>Journal of Infectious Diseases</i> , <b>1993</b> , 167, 207-10	7	90
112	Failure of therapeutic coma and ketamine for therapy of human rabies. <i>Journal of NeuroVirology</i> , <b>2006</b> , 12, 407-9	3.9	83
111	Failure of rabies postexposure prophylaxis in patients presenting with unusual manifestations. <i>Clinical Infectious Diseases</i> , <b>2010</b> , 50, 77-9	11.6	82
110	Infectious Causes and Infectious Mimics of Acute Encephalitis: a Prospective Study from Thailand. <i>Open Forum Infectious Diseases</i> , <b>2017</b> , 4, S306-S306	1	78
109	Nucleic-acid sequence based amplification in the rapid diagnosis of rabies. <i>Lancet, The</i> , <b>2001</b> , 358, 892-3	40	66
108	Difference in neuropathogenetic mechanisms in human furious and paralytic rabies. <i>Journal of the Neurological Sciences</i> , <b>2005</b> , 238, 3-10	3.2	65
107	Pathophysiology of human paralytic rabies. <i>Journal of NeuroVirology</i> , <b>2005</b> , 11, 93-100	3.9	64
106	Additional reports of failure to respond to treatment after rabies exposure in Thailand. <i>Clinical Infectious Diseases</i> , <b>1999</b> , 28, 143-4	11.6	61

105	Rabies control in South and Southeast Asia. <i>Vaccine</i> , <b>2005</b> , 23, 2284-9	4.1	59
104	Group C betacoronavirus in bat guano fertilizer, Thailand. <i>Emerging Infectious Diseases</i> , <b>2013</b> , 19, 1349-51	10.2	56
103	Inhibition of rabies virus replication by multiple artificial microRNAs. <i>Antiviral Research</i> , <b>2009</b> , 84, 76-83	10.8	56
102	Regional distribution of rabies viral antigen in central nervous system of human encephalitic and paralytic rabies. <i>Journal of the Neurological Sciences</i> , <b>1989</b> , 92, 91-9	3.2	56
101	Diversity of coronavirus in bats from Eastern Thailand. <i>Virology Journal</i> , <b>2015</b> , 12, 57	6.1	54
100	Failure of rabies postexposure treatment in Thailand. <i>Vaccine</i> , <b>1989</b> , 7, 49-52	4.1	54
99	Rabies update for travel medicine advisors. <i>Clinical Infectious Diseases</i> , <b>2003</b> , 37, 96-100	11.6	53
98	Organ transplantations and rabies transmission. <i>Journal of Travel Medicine</i> , <b>2007</b> , 14, 177-80	12.9	52
97	Immunologic study of human encephalitic and paralytic rabies. Preliminary report of 16 patients. <i>American Journal of Medicine</i> , <b>1988</b> , 84, 673-7	2.4	51
96	Evaluating the efficiency of specimen pooling for PCR-based detection of COVID-19. <i>Journal of Medical Virology</i> , <b>2020</b> , 92, 2193-2199	19.7	49
95	Neurological adverse events associated with vaccination. <i>Current Opinion in Neurology</i> , <b>2002</b> , 15, 333-8	7.1	49
94	Postexposure treatment of rabies infection: can it be done without immunoglobulin?. <i>Clinical Infectious Diseases</i> , <b>2002</b> , 34, 477-80	11.6	46
93	More accurate insight into the incidence of human rabies in developing countries through validated laboratory techniques. <i>PLoS Neglected Tropical Diseases</i> , <b>2010</b> , 4, e765	4.8	44
92	Survey for bat lyssaviruses, Thailand. <i>Emerging Infectious Diseases</i> , <b>2005</b> , 11, 232-6	10.2	42
91	Ante- and post-mortem diagnosis of rabies using nucleic acid-amplification tests. <i>Expert Review of Molecular Diagnostics</i> , <b>2010</b> , 10, 207-18	3.8	41
90	Furious and paralytic rabies of canine origin: neuroimaging with virological and cytokine studies. <i>Journal of NeuroVirology</i> , <b>2008</b> , 14, 119-29	3.9	40
89	Transmission dynamics of rabies virus in Thailand: implications for disease control. <i>BMC Infectious Diseases</i> , <b>2005</b> , 5, 52	4	40
88	Paralytic complications following intravenous rabies immune globulin treatment in a patient with furious rabies. <i>International Journal of Infectious Diseases</i> , <b>2003</b> , 7, 76-7	10.5	38

87	Worldwide rabies deaths prevention--A focus on the current inadequacies in postexposure prophylaxis of animal bite victims. <i>Vaccine</i> , <b>2016</b> , 34, 187-189	4.1	33
86	Antemortem diagnosis of human rabies. <i>Clinical Infectious Diseases</i> , <b>2004</b> , 39, 1085-6	11.6	32
85	Duplex nested RT-PCR for detection of Nipah virus RNA from urine specimens of bats. <i>Journal of Virological Methods</i> , <b>2007</b> , 141, 97-101	2.6	31
84	Viewpoint: Management of human rabies. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>2008</b> , 102, 979-82	2	31
83	Normocellular CSF in herpes simplex encephalitis. <i>BMC Research Notes</i> , <b>2016</b> , 9, 95	2.3	30
82	Sequence analysis of rabies virus in humans exhibiting encephalitic or paralytic rabies. <i>Journal of Infectious Diseases</i> , <b>2003</b> , 188, 960-6	7	30
81	Neuroimaging in rabies. <i>Advances in Virus Research</i> , <b>2011</b> , 79, 309-27	10.7	29
80	Urine samples for rabies RNA detection in the diagnosis of rabies in humans. <i>Clinical Infectious Diseases</i> , <b>2002</b> , 34, 874-5	11.6	29
79	Longitudinal study of age-specific pattern of coronavirus infection in Lyle's flying fox ( <i>Pteropus lylei</i> ) in Thailand. <i>Virology Journal</i> , <b>2018</b> , 15, 38	6.1	28
78	Idiopathic hypertrophic cranial pachymeningitis: an unusual cause of subacute and chronic headache. <i>Headache</i> , <b>1997</b> , 37, 249-52	4.2	28
77	Development of a TaqMan real-time RT-PCR assay for the detection of rabies virus. <i>Journal of Virological Methods</i> , <b>2008</b> , 151, 317-320	2.6	26
76	Immune response to rabies vaccine in Thai dogs: a preliminary report. <i>Vaccine</i> , <b>1991</b> , 9, 627-30	4.1	26
75	Comprehensive proteome analysis of hippocampus, brainstem, and spinal cord from paralytic and furious dogs naturally infected with rabies. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 4911-24	5.6	24
74	Rabies. <i>Current Neurology and Neuroscience Reports</i> , <b>2006</b> , 6, 460-8	6.6	24
73	Mechanisms of escape phenomenon of spinal cord and brainstem in human rabies. <i>BMC Infectious Diseases</i> , <b>2005</b> , 5, 104	4	24
72	Comparative detection of rabies RNA by NASBA, real-time PCR and conventional PCR. <i>Journal of Virological Methods</i> , <b>2011</b> , 175, 278-82	2.6	23
71	Autoimmune causes of encephalitis syndrome in Thailand: prospective study of 103 patients. <i>BMC Neurology</i> , <b>2013</b> , 13, 150	3.1	21
70	Diagnostic utility of NMO/AQP4-IgG in evaluating CNS inflammatory disease in Thai patients. <i>Journal of the Neurological Sciences</i> , <b>2012</b> , 320, 118-20	3.2	21

69	Association of HLA and T-cell receptor gene polymorphisms with Semple rabies vaccine-induced autoimmune encephalomyelitis. <i>Annals of Neurology</i> , <b>1999</b> , 45, 595-600	9.4	21
68	Alteration of muscarinic acetylcholine receptors in rabies viral-infected dog brains. <i>Journal of the Neurological Sciences</i> , <b>1996</b> , 137, 1-6	3.2	21
67	Anticardiolipin antibodies in patients with rabies vaccination induced neurological complications and other neurological diseases. <i>Journal of the Neurological Sciences</i> , <b>1990</b> , 96, 143-51	3.2	20
66	Rabies: changing prophylaxis and new insights in pathophysiology. <i>Current Opinion in Infectious Diseases</i> , <b>2018</b> , 31, 93-101	5.4	19
65	Detection of rabies viral RNA by TaqMan real-time RT-PCR using non-neural specimens from dogs infected with rabies virus. <i>Journal of Virological Methods</i> , <b>2012</b> , 184, 109-12	2.6	19
64	Reduced viral burden in paralytic compared to furious canine rabies is associated with prominent inflammation at the brainstem level. <i>BMC Veterinary Research</i> , <b>2013</b> , 9, 31	2.7	18
63	An overview of the immunogenicity and effectiveness of current human rabies vaccines administered by intradermal route. <i>Vaccine</i> , <b>2019</b> , 37 Suppl 1, A99-A106	4.1	18
62	Imported case of Middle East respiratory syndrome coronavirus (MERS-CoV) infection from Oman to Thailand, June 2015. <i>Eurosurveillance</i> , <b>2017</b> , 22,	19.8	15
61	Molecular characterization of Nipah virus from Pteropus hypomelanus in Southern Thailand. <i>Virology Journal</i> , <b>2016</b> , 13, 53	6.1	14
60	Differences and diversity of autoimmune encephalitis in 77 cases from a single tertiary care center. <i>BMC Neurology</i> , <b>2019</b> , 19, 273	3.1	14
59	A simple method for detection of rabies viral sequences in 16-year old archival brain specimens with one-week fixation in formalin. <i>Journal of Virological Methods</i> , <b>2006</b> , 134, 267-71	2.6	14
58	Immune activation in human rabies. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>1993</b> , 87, 106-8	2	14
57	Myoedema as a clinical sign in paralytic rabies. <i>Lancet, The</i> , <b>1987</b> , 1, 1210	40	14
56	Nurse infected with Covid-19 from a provisional dengue patient. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 1354-1355	18.9	12
55	B-cell responses to myelin basic protein and its epitopes in autoimmune encephalomyelitis induced by Semple rabies vaccine. <i>Journal of Neuroimmunology</i> , <b>1999</b> , 98, 96-104	3.5	12
54	Rabies: is provocation of the biting dog relevant for risk assessment?. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>1992</b> , 86, 443	2	12
53	Survival after treatment of rabies. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 1068-9; author reply 1068-9	9.2	11
52	The "Milwaukee protocol" for treatment of "human" rabies is no longer valid. <i>Pediatric Infectious Disease Journal</i> , <b>2015</b> , 34, 678-9	3.4	10

51	Intracellular Spread of Rabies Virus Is Reduced in the Paralytic Form of Canine Rabies Compared to the Furious Form. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004748	4.8	10
50	Early detection of neutralizing antibodies against SARS-CoV-2 in COVID-19 patients in Thailand. <i>PLoS ONE</i> , <b>2021</b> , 16, e0246864	3.7	10
49	Rabies: Still a silent killer targeting the poor. <i>Vaccine</i> , <b>2017</b> , 35, 2293-2294	4.1	9
48	Molecular analysis of the mutational effects of Thai street rabies virus with increased virulence in mice after passages in the BHK cell line. <i>Archives of Virology</i> , <b>2012</b> , 157, 2201-5	2.6	9
47	A preliminary study of chemo- and cytokine responses in rabies vaccine recipients of intradermal and intramuscular regimens. <i>Vaccine</i> , <b>2010</b> , 28, 4553-7	4.1	9
46	Pneumomediastinum as initial presentation of paralytic rabies: a case report. <i>BMC Infectious Diseases</i> , <b>2005</b> , 5, 92	4	9
45	Rabies and dog population control in Thailand: success or failure?. <i>Journal of the Medical Association of Thailand = Chotmaihet Thangphaet</i> , <b>2005</b> , 88, 120-3		9
44	Rabies virus infection and microRNAs. <i>Advances in Virus Research</i> , <b>2011</b> , 79, 329-44	10.7	8
43	Diagnosis of rabies by use of brain tissue dried on filter paper. <i>Clinical Infectious Diseases</i> , <b>2003</b> , 36, 674-51.6	51.6	8
42	Rabies in a Thai child treated with the eight-site post-exposure regimen without rabies immune globulin. <i>Vaccine</i> , <b>2003</b> , 21, 3525-6	4.1	8
41	T-705 as a Potential Therapeutic Agent for Rabies. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 214, 502-3	7	8
40	Does contact with urine and blood from a rabid dog represent a rabies risk?. <i>Clinical Infectious Diseases</i> , <b>2003</b> , 37, 1399-400	11.6	7
39	First Complete Genome Sequence of Human Coronavirus HKU1 from a Nonill Bat Guano Miner in Thailand. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,	1.3	6
38	Development of multiplex PCR for neglected infectious diseases. <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007440	4.8	6
37	Drinking bat blood may be hazardous to your health. <i>Clinical Infectious Diseases</i> , <b>2006</b> , 43, 269	11.6	6
36	Complex genetic structure of the rabies virus in Bangkok and its surrounding provinces, Thailand: implications for canine rabies control. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>2006</b> , 100, 276-81	2	6
35	Rabies and its prevention*. <i>Medical Journal of Australia</i> , <b>1994</b> , 160, 83-87	4	6
34	Surveillance for Ebola Virus in Wildlife, Thailand. <i>Emerging Infectious Diseases</i> , <b>2015</b> , 21, 2271-3	10.2	5

33	Currently approved post-exposure rabies prophylaxis regimens. <i>Travel Medicine and Infectious Disease</i> , <b>2012</b> , 10, 162-3	8.4	5
32	Lack of Transmission of Zika Virus Infection to Breastfed Infant. <i>Clinical Medicine Insights: Case Reports</i> , <b>2019</b> , 12, 1179547619835179	0.8	4
31	Rabies vaccination at a virus-inoculated site as an alternative option to rabies immunoglobulin. <i>Archives of Virology</i> , <b>2016</b> , 161, 2537-41	2.6	4
30	How far can the antigen content of tissue culture rabies vaccine be reduced safely?. <i>Vaccine</i> , <b>2006</b> , 24, 1489	4.1	4
29	Rabies and other lyssavirus diseases. <i>Lancet, The</i> , <b>2004</b> , 363, 1906; author reply 1907	40	4
28	HTLV-1 has reached Thailand via a heterosexual route. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>1992</b> , 86, 434	2	4
27	Influenza Virus-Associated Fatal Acute Necrotizing Encephalopathy: Role of Nonpermissive Viral Infection?. <i>Clinical Medicine Insights: Case Reports</i> , <b>2016</b> , 9, 99-102	0.8	3
26	Affordable worldwide rabies post-exposure treatment. <i>Vaccine</i> , <b>2003</b> , 21, 2691	4.1	3
25	Patch metrics of roosting site selection by Lyle's flying fox ( <i>Pteropus lylei</i> Andersen, 1908) in a human-dominated landscape in Thailand. <i>Folia Oecologica</i> , <b>2019</b> , 46, 63-72	1.3	3
24	Identification of a Novel Pathogen Using Family-Wide PCR: Initial Confirmation of COVID-19 in Thailand. <i>Frontiers in Public Health</i> , <b>2020</b> , 8, 555013	6	3
23	An Outbreak of Peripheral Neuropathy in a Prison. <i>Case Reports in Neurology</i> , <b>2019</b> , 11, 53-60	1	2
22	Post-exposure rabies prophylaxis in patients with AIDS. <i>Vaccine</i> , <b>2009</b> , 27, 5726-7	4.1	2
21	Detection of rabies antigen in canine parotid glands by dot-blot technique. <i>Lancet, The</i> , <b>1988</b> , 1, 881	40	2
20	Surveillance of marine fish for ciguatera toxin at fish markets in Bangkok, Thailand. <i>Asian Biomedicine</i> , <b>2014</b> , 8, 263-268	0.4	2
19	Genetic diversity and relationships among Lyle's flying fox colonies in Thailand. <i>Agriculture and Natural Resources</i> , <b>2018</b> , 52, 607-611	1.3	2
18	Two decades of one health surveillance of Nipah virus in Thailand. <i>One Health Outlook</i> , <b>2021</b> , 3, 12	5	2
17	Human T-Lymphotropic Virus Type-1-Associated Myelopathy/Tropical Spastic Paraparesis: The First Case Report in Southeast Asia. <i>AIDS Research and Human Retroviruses</i> , <b>2017</b> , 33, 629-631	1.6	1
16	An assessment of the niche centroid hypothesis: <i>Pteropus lylei</i> (Chiroptera). <i>Ecosphere</i> , <b>2020</b> , 11, e03134	3.1	1

15	Low-cost management of mushroom poisoning in a limited-resource area: a 12-year retrospective study. <i>Tropical Doctor</i> , <b>2020</b> , 50, 135-138	0.9	1
14	Increased pathogenicity of rabies virus due to modification of a non-coding region. <i>Archives of Virology</i> , <b>2016</b> , 161, 3255-61	2.6	1
13	Multiple clades of SARS-CoV-2 were introduced to Thailand during the first quarter of 2020. <i>Microbiology and Immunology</i> , <b>2021</b> , 65, 405-409	2.7	1
12	Rabies vaccination in Japan. <i>Vaccine</i> , <b>2009</b> , 27, 181	4.1	0
11	Genetic variations from successive whole genome sequencing during COVID-19 treatment in five individuals.. <i>New Microbes and New Infections</i> , <b>2022</b> , 45, 100950	4.1	0
10	Rabies: Presentation, case management and therapy. <i>Journal of the Neurological Sciences</i> , <b>2021</b> , 424, 117413	3.2	0
9	A case of successive development of possible acute necrotizing encephalopathy after COVID-19 pneumonia.. <i>SAGE Open Medical Case Reports</i> , <b>2022</b> , 10, 2050313X221083653	0.7	0
8	Continued Failure of Rabies Elimination-Consideration of Challenges in Applying the One Health Approach.. <i>Frontiers in Veterinary Science</i> , <b>2022</b> , 9, 847659	3.1	0
7	IP-10 and complement activation as friend or foe in COVID-19.. <i>International Journal of Immunopathology and Pharmacology</i> , <b>2022</b> , 36, 3946320221096202	3	0
6	Rabies Diagnosis: MR Imaging <b>2014</b> , 221-231		
5	Simulated post-exposure rabies vaccination: comments on article by Madhusudana et al. <i>International Journal of Infectious Diseases</i> , <b>2004</b> , 8, 374-5; author reply 376	10.5	
4	Encephalomyelitis after rabies vaccine. <i>Clinical Immunology Newsletter</i> , <b>1988</b> , 9, 193-194		
3	Rabies and the Traveler 119-129		
2	Use of qRT-PCR for SARS-CoV-2 sgRNA leader for the therapeutic plan: a preliminary report on 10 patients.. <i>Journal of Infection in Developing Countries</i> , <b>2022</b> , 16, 604-607	2.3	
1	Behavioral-biological surveillance of emerging infectious diseases among a dynamic cohort in Thailand.. <i>BMC Infectious Diseases</i> , <b>2022</b> , 22, 472	4	