Thiravat Thiravat Hemachudha

List of Publications by Year
in descending order

126 papers	5,383 citations	87888 38 h-index	91884 69 g-index
129 all docs	129 docs citations	129 times ranked	4522 citing authors

#	Article	IF	Citations
1	Rabies re-examined. Lancet Infectious Diseases, The, 2002, 2, 327-343.	9.1	486
2	Human rabies: a disease of complex neuropathogenetic mechanisms and diagnostic challenges. Lancet Neurology, The, 2002, 1, 101-109.	10.2	346
3	Evidence for SARS-CoV-2 related coronaviruses circulating in bats and pangolins in Southeast Asia. Nature Communications, 2021, 12, 972.	12.8	276
4	Human rabies: neuropathogenesis, diagnosis, and management. Lancet Neurology, The, 2013, 12, 498-513.	10.2	272
5	Rabies. Nature Reviews Disease Primers, 2017, 3, 17091.	30.5	239
6	Bat Nipah Virus, Thailand. Emerging Infectious Diseases, 2005, 11, 1949-1951.	4.3	207
7	Evidence for Novel Hepaciviruses in Rodents. PLoS Pathogens, 2013, 9, e1003438.	4.7	187
8	Myelin Basic Protein as an Encephalitogen in Encephalomyelitis and Polyneuritis Following Rabies Vaccination. New England Journal of Medicine, 1987, 316, 369-374.	27.0	176
9	A Longitudinal Study of the Prevalence of Nipah Virus in Pteropus lylei Bats in Thailand: Evidence for Seasonal Preference in Disease Transmission. Vector-Borne and Zoonotic Diseases, 2010, 10, 183-190.	1.5	132
10	Diagnosis of Rabies by Polymerase Chain Reaction with Nested Primers. Journal of Infectious Diseases, 1993, 167, 207-210.	4.0	110
11	Failure of therapeutic coma and ketamine for therapy of human rabies. Journal of NeuroVirology, 2006, 12, 407-409.	2.1	101
12	Failure of Rabies Postexposure Prophylaxis In Patients Presenting with Unusual Manifestations. Clinical Infectious Diseases, 2010, 50, 77-79.	5.8	95
13	Difference in neuropathogenetic mechanisms in human furious and paralytic rabies. Journal of the Neurological Sciences, 2005, 238, 3-10.	0.6	81
14	Nucleic-acid sequence based amplification in the rapid diagnosis of rabies. Lancet, The, 2001, 358, 892-893.	13.7	79
15	Pathophysiology of human paralytic rabies. Journal of NeuroVirology, 2005, 11, 93-100.	2.1	77
16	Evaluating the efficiency of specimen pooling for PCRâ€based detection of COVIDâ€19. Journal of Medical Virology, 2020, 92, 2193-2199.	5.0	77
17	Additional Reports of Failure to Respond to Treatment After Rabies Exposure in Thailand. Clinical Infectious Diseases, 1999, 28, 143-144.	5.8	71
18	Rabies control in South and Southeast Asia. Vaccine, 2005, 23, 2284-2289.	3.8	71

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19	Diversity of coronavirus in bats from Eastern Thailand. Virology Journal, 2015, 12, 57.	3.4	70
20	Failure of rabies postexposure treatment in Thailand. Vaccine, 1989, 7, 49-52.	3.8	68
21	Regional distribution of rabies viral antigen in central nervous system of human encephalitic and paralytic rabies. Journal of the Neurological Sciences, 1989, 92, 91-99.	0.6	67
22	Neurological adverse events associated with vaccination. Current Opinion in Neurology, 2002, 15, 333-338.	3.6	67
23	Group C Betacoronavirus in Bat Guano Fertilizer, Thailand. Emerging Infectious Diseases, 2013, 19, 1349-51.	4.3	65
24	Rabies Update for Travel Medicine Advisors. Clinical Infectious Diseases, 2003, 37, 96-100.	5.8	63
25	Immunologic study of human encephalitic and paralytic rabies. American Journal of Medicine, 1988, 84, 673-677.	1.5	60
26	Organ Transplantations and Rabies Transmission: Table 1. Journal of Travel Medicine, 2007, 14, 177-180.	3.0	60
27	Inhibition of rabies virus replication by multiple artificial microRNAs. Antiviral Research, 2009, 84, 76-83.	4.1	59
28	Transmission dynamics of rabies virus in Thailand: Implications for disease control. BMC Infectious Diseases, 2005, 5, 52.	2.9	56
29	Postexposure Treatment of Rabies Infection: Can It Be Done without Immunoglobulin?. Clinical Infectious Diseases, 2002, 34, 477-480.	5.8	54
30	Furious and paralytic rabies of canine origin: Neuroimaging with virological and cytokine studies. Journal of NeuroVirology, 2008, 14, 119-129.	2.1	52
31	More Accurate Insight into the Incidence of Human Rabies in Developing Countries through Validated Laboratory Techniques. PLoS Neglected Tropical Diseases, 2010, 4, e765.	3.0	52
32	Ante- and post-mortem diagnosis of rabies using nucleic acid-amplification tests. Expert Review of Molecular Diagnostics, 2010, 10, 207-218.	3.1	49
33	Survey for Bat Lyssaviruses, Thailand. Emerging Infectious Diseases, 2005, 11, 232-236.	4.3	48
34	Immune response to rabies vaccine in Thai dogs: A preliminary report. Vaccine, 1991, 9, 627-630.	3.8	45
35	Worldwide rabies deaths preventionâ€"A focus on the current inadequacies in postexposure prophylaxis of animal bite victims. Vaccine, 2016, 34, 187-189.	3.8	45
36	Longitudinal study of age-specific pattern of coronavirus infection in Lyleâ€™s flying fox (Pteropus lylei) in Thailand. Virology Journal, 2018, 15, 38.	3.4	44

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37	Duplex nested RT-PCR for detection of Nipah virus RNA from urine specimens of bats. Journal of Virological Methods, 2007, 141, 97-101.	2.1	42
38	Normocellular CSF in herpes simplex encephalitis. BMC Research Notes, 2016, 9, 95.	1.4	42
39	Antemortem Diagnosis of Human Rabies. Clinical Infectious Diseases, 2004, 39, 1085-1086.	5.8	40
40	Paralytic complications following intravenous rabies immune globulin treatment in a patient with furious rabies. International Journal of Infectious Diseases, 2003, 7, 76-77.	3.3	39
41	Mechanisms of escape phenomenon of spinal cord and brainstem in human rabies. BMC Infectious Diseases, 2005, 5, 104.	2.9	37
42	Neuroimaging in Rabies. Advances in Virus Research, 2011, 79, 309-327.	2.1	37
43	Idiopathic Hypertrophic Cranial Pachymeningitis: An Unusual Cause of Subacute and Chronic Headache. Headache, 1997, 37, 249-252.	3.9	36
44	Sequence Analysis of Rabies Virus in Humans Exhibiting Encephalitic or Paralytic Rabies. Journal of Infectious Diseases, 2003, 188, 960-966.	4.0	36
45	Viewpoint: management of human rabies. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2008, 102, 979-982.	1.8	36
46	Alteration of muscarinic acetylcholine receptors in rabies viral-infected dog brains. Journal of the Neurological Sciences, 1996, 137, 1-6.	0.6	32
47	Urine Samples for Rabies RNA Detection in the Diagnosis of Rabies in Humans. Clinical Infectious Diseases, 2002, 34, 874-875.	5.8	32
48	Development of a TaqMan real-time RT-PCR assay for the detection of rabies virus. Journal of Virological Methods, 2008, 151, 317-320.	2.1	32
49	Rabies. Current Neurology and Neuroscience Reports, 2006, 6, 460-468.	4.2	31
50	A simple method for detection of rabies viral sequences in 16-year old archival brain specimens with one-week fixation in formalin. Journal of Virological Methods, 2006, 134, 267-271.	2.1	31
51	An overview of the immunogenicity and effectiveness of current human rabies vaccines administered by intradermal route. Vaccine, 2019, 37, A99-A106.	3.8	30
52	Comprehensive Proteome Analysis of Hippocampus, Brainstem, and Spinal Cord from Paralytic and Furious Dogs Naturally Infected with Rabies. Journal of Proteome Research, 2011, 10, 4911-4924.	3.7	29
53	Autoimmune causes of encephalitis syndrome in Thailand: prospective study of 103 patients. BMC Neurology, 2013, 13, 150.	1.8	29
54	Comparative detection of rabies RNA by NASBA, real-time PCR and conventional PCR. Journal of Virological Methods, 2011, 175, 278-282.	2.1	27

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55	Rabies: changing prophylaxis and new insights in pathophysiology. Current Opinion in Infectious Diseases, 2018, 31, 93-101.	3.1	27
56	Association of HLA and T-cell receptor gene polymorphisms with Semple rabies vaccine-induced autoimmune encephalomyelitis. Annals of Neurology, 1999, 45, 595-600.	5.3	26
57	Differences and diversity of autoimmune encephalitis in 77 cases from a single tertiary care center. BMC Neurology, 2019, 19, 273.	1.8	26
58	Diagnostic utility of NMO/AQP4-IgG in evaluating CNS inflammatory disease in Thai patients. Journal of the Neurological Sciences, 2012, 320, 118-120.	0.6	23
59	Detection of rabies viral RNA by TaqMan real-time RT-PCR using non-neural specimens from dogs infected with rabies virus. Journal of Virological Methods, 2012, 184, 109-112.	2.1	23
60	Anticardiolipin antibodies in patients with rabies vaccination induced neurological complications and other neurological diseases. Journal of the Neurological Sciences, 1990, 96, 143-151.	0.6	22
61	Reduced viral burden in paralytic compared to furious canine rabies is associated with prominent inflammation at the brainstem level. BMC Veterinary Research, 2013, 9, 31.	1.9	22
62	Molecular characterization of Nipah virus from Pteropus hypomelanus in Southern Thailand. Virology Journal, 2016, 13, 53.	3.4	22
63	Nurse infected with Covid-19 from a provisional dengue patient. Emerging Microbes and Infections, 2020, 9, 1354-1355.	6.5	20
64	Early detection of neutralizing antibodies against SARS-CoV-2 in COVID-19 patients in Thailand. PLoS ONE, 2021, 16, e0246864.	2.5	20
65	MYOEDEMA AS A CLINICAL SIGN IN PARALYTIC RABIES. Lancet, The, 1987, 329, 1210.	13.7	17
66	Imported case of Middle East respiratory syndrome coronavirus (MERS-CoV) infection from Oman to Thailand, June 2015. Eurosurveillance, 2017, 22, .	7.0	17
67	Rabies: is provocation of the biting dog relevant for risk assessment?. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1992, 86, 443.	1.8	15
68	Immune activation in human rabies. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1993, 87, 106-108.	1.8	15
69	The â€œMilwaukee Protocolâ€•for Treatment of Human Rabies Is No Longer Valid. Pediatric Infectious Disease Journal, 2015, 34, 678-679.	2.0	15
70	B-cell responses to myelin basic protein and its epitopes in autoimmune encephalomyelitis induced by Semple rabies vaccine. Journal of Neuroimmunology, 1999, 98, 96-104.	2.3	14
71	Survival after Treatment of Rabies. New England Journal of Medicine, 2005, 353, 1068-1069.	27.0	14
72	Intracellular Spread of Rabies Virus Is Reduced in the Paralytic Form of Canine Rabies Compared to the Furious Form. PLoS Neglected Tropical Diseases, 2016, 10, e0004748.	3.0	13

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73	Rabies in a Thai child treated with the eight-site post-exposure regimen without rabies immune globulin. Vaccine, 2003, 21, 3525-3526.	3.8	12
74	Diagnosis of Rabies by Use of Brain Tissue Dried on Filter Paper. Clinical Infectious Diseases, 2003, 36, 674-675.	5.8	12
75	Pneumomediastinum as initial presentation of paralytic rabies: A case report. BMC Infectious Diseases, 2005, 5, 92.	2.9	12
76	T-705 as a Potential Therapeutic Agent for Rabies. Journal of Infectious Diseases, 2016, 214, 502-503.	4.0	12
77	Development of multiplex PCR for neglected infectious diseases. PLoS Neglected Tropical Diseases, 2019, 13, e0007440.	3.0	12
78	A preliminary study of chemo- and cytokine responses in rabies vaccine recipients of intradermal and intramuscular regimens. Vaccine, 2010, 28, 4553-4557.	3.8	11
79	Molecular analysis of the mutational effects of Thai street rabies virus with increased virulence in mice after passages in the BHK cell line. Archives of Virology, 2012, 157, 2201-2205.	2.1	10
80	Rabies: Still a silent killer targeting the poor. Vaccine, 2017, 35, 2293-2294.	3.8	10
81	Rabies: Presentation, case management and therapy. Journal of the Neurological Sciences, 2021, 424, 117413.	0.6	10
82	Rabies and its prevention [*]. Medical Journal of Australia, 1994, 160, 83-87.	1.7	9
83	Rabies and dog population control in Thailand: success or failure?. Journal of the Medical Association of Thailand = Chotmaihet Thangphaet, 2005, 88, 120-3.	0.1	9
84	Does Contact with Urine and Blood from a Rabid Dog Represent a Rabies Risk?. Clinical Infectious Diseases, 2003, 37, 1399-1400.	5.8	8
85	Complex genetic structure of the rabies virus in Bangkok and its surrounding provinces, Thailand: implications for canine rabies control. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2006, 100, 276-281.	1.8	8
86	Rabies Virus Infection and MicroRNAs. Advances in Virus Research, 2011, 79, 329-344.	2.1	8
87	First Complete Genome Sequence of Human Coronavirus HKU1 from a Nonill Bat Guano Miner in Thailand. Microbiology Resource Announcements, 2019, 8, .	0.6	8
88	Two decades of one health surveillance of Nipah virus in Thailand. One Health Outlook, 2021, 3, 12.	3.4	8
89	Drinking Bat Blood May Be Hazardous to Your Health. Clinical Infectious Diseases, 2006, 43, 269-269.	5.8	7
90	Surveillance for Ebola Virus in Wildlife, Thailand. Emerging Infectious Diseases, 2015, 21, 2271-2273.	4.3	7

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91	Human Rabies Prevention (Comment From a Canineâ€Rabiesâ€Endemic Region). Journal of Travel Medicine, 2013, 20, 139-142.	3.0	6
92	Rabies vaccination at a virus-inoculated site as an alternative option to rabies immunoglobulin. Archives of Virology, 2016, 161, 2537-2541.	2.1	6
93	Low-cost management of mushroom poisoning in a limited-resource area: a 12-year retrospective study. Tropical Doctor, 2020, 50, 135-138.	0.5	6
94	IP-10 and complement activation as friend or foe in COVID-19. International Journal of Immunopathology and Pharmacology, 2022, 36, 039463202210962.	2.1	6
95	Currently approved post-exposure rabies prophylaxis regimens. Travel Medicine and Infectious Disease, 2012, 10, 162-163.	3.0	5
96	An Outbreak of Peripheral Neuropathy in a Prison. Case Reports in Neurology, 2019, 11, 53-60.	0.7	5
97	Identification of a Novel Pathogen Using Family-Wide PCR: Initial Confirmation of COVID-19 in Thailand. Frontiers in Public Health, 2020, 8, 555013.	2.7	5
98	An assessment of the niche centroid hypothesis: Pteropus lylei (Chiroptera). Ecosphere, 2020, 11, e03134.	2.2	5
99	Patch metrics of roosting site selection by Lyleâ€™s flying fox (Pteropus lylei Andersen, 1908) in a human-dominated landscape in Thailand. Folia Oecologica, 2019, 46, 63-72.	0.7	5
100	HTLV-1 has reached Thailand via a heterosexual route. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1992, 86, 434.	1.8	4
101	Rabies and other lyssavirus diseases. Lancet, The, 2004, 363, 1906.	13.7	4
102	How far can the antigen content of tissue culture rabies vaccine be reduced safely?. Vaccine, 2006, 24, 1489-1489.	3.8	4
103	Influenza Virus-Associated Fatal Acute Necrotizing Encephalopathy: Role of Nonpermissive Viral Infection?. Clinical Medicine Insights: Case Reports, 2016, 9, CCRep.S40610.	0.7	4
104	Lack of Transmission of Zika Virus Infection to Breastfed Infant. Clinical Medicine Insights: Case Reports, 2019, 12, 117954761983517.	0.7	4
105	Encephalitis in Thailand: A Neglected Disease Increasingly Caused by Enterovirus. Tropical Medicine and Infectious Disease, 2021, 6, 117.	2.3	4
106	Multiple clades of SARSâ€CoVâ€2 were introduced to Thailand during the first quarter of 2020. Microbiology and Immunology, 2021, 65, 405-409.	1.4	4
107	Genetic variations from successive whole genome sequencing during COVID-19 treatment in five individuals. New Microbes and New Infections, 2022, 45, 100950.	1.6	4
108	DETECTION OF RABIES ANTIGEN IN CANINE PAROTID GLANDS BY DOT-BLOT TECHNIQUE. Lancet, The, 1988, 331, 881.	13.7	3

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109	Letter to the Editor. Vaccine, 2003, 21, 2691.	3.8	3
110	Increased pathogenicity of rabies virus due to modification of a non-coding region. Archives of Virology, 2016, 161, 3255-3261.	2.1	3
111	Genetic diversity and relationships among Lyle's flying fox colonies in Thailand. Agriculture and Natural Resources, 2018, 52, 607-611.	0.1	3
112	Continued Failure of Rabies Eliminationâ€"Consideration of Challenges in Applying the One Health Approach. Frontiers in Veterinary Science, 2022, 9, 847659.	2.2	3
113	Post-exposure rabies prophylaxis in patients with AIDS. Vaccine, 2009, 27, 5726-5727.	3.8	2
114	Surveillance of marine fish for ciguatera toxin at fish markets in Bangkok, Thailand. Asian Biomedicine, 2014, 8, 263-268.	0.3	2
115	A case of successive development of possible acute necrotizing encephalopathy after COVID-19 pneumonia. SAGE Open Medical Case Reports, 2022, 10, 2050313X2210836.	0.3	2
116	Rabies vaccination in Japan. Vaccine, 2009, 27, 181.	3.8	1
117	Human T-Lymphotropic Virus Type-1-Associated Myelopathy/Tropical Spastic Paraparesis: The First Case Report in Southeast Asia. AIDS Research and Human Retroviruses, 2017, 33, 629-631.	1.1	1
118	Use of qRT-PCR for SARS-CoV-2 sgRNA leader for the therapeutic plan: a preliminary report on 10 patients. Journal of Infection in Developing Countries, 2022, 16, 604-607.	1.2	1
119	Mapping Risk of Nipah Virus Transmission from Bats to Humans in Thailand. EcoHealth, 0, , .	2.0	1
120	Encephalomyelitis after rabies vaccine. Clinical Immunology Newsletter, 1988, 9, 193-194.	0.1	0
121	Simulated post-exposure rabies vaccination: comments on article by Madhusudana et al.. International Journal of Infectious Diseases, 2004, 8, 374-375.	3.3	0
122	Corrigendum to â€œDiagnostic utility of NMO/AQP4-IgG in evaluating CNS inflammatory disease in Thai patientsâ€•[Journal of the Neurological Sciences 320 (2012) 118â€“120]. Journal of the Neurological Sciences, 2012, 323, 273.	0.6	0
123	Rabies Diagnosis: MR Imaging. , 2014, , 221-231.		0
124	Infectious Causes and Infectious Mimics of Acute Encephalitis: a Prospective Study from Thailand. Open Forum Infectious Diseases, 2017, 4, S306-S306.	0.9	0
125	Rabies and the Traveler. , 0, , 119-129.		0
126	Behavioralâ€“biological surveillance of emerging infectious diseases among a dynamic cohort in Thailand. BMC Infectious Diseases, 2022, 22, 472.	2.9	0