

# Kum-Thong Wong

## List of Publications by Year in descending order

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81  
papers

3,667  
citations

218677  
26  
h-index

138484  
58  
g-index

88  
all docs

88  
docs citations

88  
times ranked

3161  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatal encephalitis due to Nipah virus among pig-farmers in Malaysia. <i>Lancet, The</i> , 1999, 354, 1257-1259.	13.7	665
2	Clinical Features of Nipah Virus Encephalitis among Pig Farmers in Malaysia. <i>New England Journal of Medicine</i> , 2000, 342, 1229-1235.	27.0	506
3	Nipah Virus Infection. <i>American Journal of Pathology</i> , 2002, 161, 2153-2167.	3.8	336
4	Relapsed and late-onset Nipah encephalitis. <i>Annals of Neurology</i> , 2002, 51, 703-708.	5.3	241
5	The Distribution of Inflammation and Virus in Human Enterovirus 71 Encephalomyelitis Suggests Possible Viral Spread by Neural Pathways. <i>Journal of Neuropathology and Experimental Neurology</i> , 2008, 67, 162-169.	1.7	139
6	Transgenic mouse model for the study of enterovirus 71 neuropathogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14753-14758.	7.1	135
7	Formaldehyde-Inactivated Whole-Virus Vaccine Protects a Murine Model of Enterovirus 71 Encephalomyelitis against Disease. <i>Journal of Virology</i> , 2010, 84, 661-665.	3.4	111
8	Pathologic Characterization of a Murine Model of Human Enterovirus 71 Encephalomyelitis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2008, 67, 532-542.	1.7	100
9	MR Imaging Features of Nipah Encephalitis. <i>American Journal of Roentgenology</i> , 2000, 175, 437-442.	2.2	86
10	Protection Against Henipavirus Infection by Use of Recombinant Adeno-Associated Virus“Vector Vaccines. <i>Journal of Infectious Diseases</i> , 2013, 207, 469-478.	4.0	72
11	Understanding Enterovirus 71 Neuropathogenesis and Its Impact on Other Neurotropic Enteroviruses. <i>Brain Pathology</i> , 2015, 25, 614-624.	4.1	71
12	AIM2 Inflammasome-Mediated Pyroptosis in Enterovirus A71-Infected Neuronal Cells Restricts Viral Replication. <i>Scientific Reports</i> , 2017, 7, 5845.	3.3	70
13	Nonstructural Nipah Virus C Protein Regulates both the Early Host Proinflammatory Response and Viral Virulence. <i>Journal of Virology</i> , 2012, 86, 10766-10775.	3.4	57
14	<i>Sarcocystis nesbitti</i> Infection in Human Skeletal Muscle: Possible Transmission from Snakes. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 90, 361-364.	1.4	53
15	Tonsillar Crypt Epithelium Is an Important Extra-Central Nervous System Site for Viral Replication in EV71 Encephalomyelitis. <i>American Journal of Pathology</i> , 2014, 184, 714-720.	3.8	50
16	Lethal Nipah Virus Infection Induces Rapid Overexpression of CXCL10. <i>PLoS ONE</i> , 2012, 7, e32157.	2.5	49
17	<i>Sarcocystis nesbitti</i> Causes Acute, Relapsing Febrile Myositis with a High Attack Rate: Description of a Large Outbreak of Muscular Sarcocystosis in Pangkor Island, Malaysia, 2012. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2876.	3.0	48
18	Aberrant proteins in the saliva of patients with oral squamous cell carcinoma. <i>Electrophoresis</i> , 2013, 34, 2495-2502.	2.4	47

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19	Outbreak of Human Infection with <i>Sarcocystis nespitti</i> , Malaysia, 2012. <i>Emerging Infectious Diseases</i> , 2013, 19, 1989-1991.	4.3	47
20	Tioman Virus, a Paramyxovirus of Bat Origin, Causes Mild Disease in Pigs and Has a Predilection for Lymphoid Tissues. <i>Journal of Virology</i> , 2008, 82, 565-568.	3.4	42
21	Emerging epidemic viral encephalitides with a special focus on henipaviruses. <i>Acta Neuropathologica</i> , 2010, 120, 317-325.	7.7	39
22	Enterovirus 71 encephalomyelitis and Japanese encephalitis can be distinguished by topographic distribution of inflammation and specific intraneuronal detection of viral antigen and RNA. <i>Neuropathology and Applied Neurobiology</i> , 2012, 38, 443-453.	3.2	33
23	Enterovirus 71 Can Directly Infect the Brainstem via Cranial Nerves and Infection Can Be Ameliorated by Passive Immunization. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 999-1008.	1.7	32
24	Immunity and clinical efficacy of an inactivated enterovirus 71 vaccine in healthy Chinese children: a report of further observations. <i>BMC Medicine</i> , 2015, 13, 226.	5.5	32
25	Henipavirus Encephalitis: Recent Developments and Advances. <i>Brain Pathology</i> , 2015, 25, 605-613.	4.1	32
26	Panel of serum protein biomarkers to grade the severity of traumatic brain injury. <i>Electrophoresis</i> , 2018, 39, 2308-2315.	2.4	29
27	A generic assay for whole-genome amplification and deep sequencing of enterovirus A71. <i>Journal of Virological Methods</i> , 2015, 215-216, 30-36.	2.1	28
28	Effects of demographic and physical factors on nerve conduction study values of healthy subjects in a multi-ethnic Asian population. <i>Muscle and Nerve</i> , 2016, 54, 244-248.	2.2	28
29	Neurovirulence comparison of chikungunya virus isolates of the Asian and East/Central/South African genotypes from Malaysia. <i>Journal of General Virology</i> , 2015, 96, 3243-3254.	2.9	28
30	Mitochondrial abnormalities in oculopharyngeal muscular dystrophy. <i>Neuromuscular Disorders</i> , 1996, 6, 163-166.	0.6	22
31	Development of live attenuated Enterovirus 71 vaccine strains that confer protection against lethal challenge in mice. <i>Scientific Reports</i> , 2019, 9, 4805.	3.3	21
32	Validation and utilization of an internally controlled multiplex Real-time RT-PCR assay for simultaneous detection of enteroviruses and enterovirus A71 associated with hand foot and mouth disease. <i>Virology Journal</i> , 2015, 12, 85.	3.4	20
33	Challenges of Treating Childhood Medulloblastoma in a Country With Limited Resources: 20 Years of Experience at a Single Tertiary Center in Malaysia. <i>Journal of Global Oncology</i> , 2017, 3, 143-156.	0.5	18
34	Transcription factors NFIA and NFIB induce cellular differentiation in high-grade astrocytoma. <i>Journal of Neuro-Oncology</i> , 2020, 146, 41-53.	2.9	18
35	<i>Human cytomegalovirus</i> may promote tumour progression by upregulating arginase-2. <i>Oncotarget</i> , 2016, 7, 47221-47231.	1.8	18
36	Overexpression of endothelin B receptor in glioblastoma: a prognostic marker and therapeutic target?. <i>BMC Cancer</i> , 2018, 18, 154.	2.6	17

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37	Clinicopathological Features of Telbivudine-Associated Myopathy. <i>PLoS ONE</i> , 2016, 11, e0162760.	2.5	17
38	Recombinant VP9-based enzyme-linked immunosorbent assay for detection of immunoglobulin G antibodies to Banna virus (genus Seadornavirus). <i>Journal of Virological Methods</i> , 2004, 116, 55-61.	2.1	15
39	Partial protection against enterovirus 71 (EV71) infection in a mouse model immunized with recombinant newcastle disease virus capsids displaying the EV71 VP1 fragment. <i>Journal of Medical Virology</i> , 2011, 83, 1783-1791.	5.0	14
40	RSAD2 and AIM2 Modulate Coxsackievirus A16 and Enterovirus A71 Replication in Neuronal Cells in Different Ways That May Be Associated with Their 5' Nontranslated Regions. <i>Journal of Virology</i> , 2018, 92, .	3.4	13
41	Neuronal transcriptomic responses to Japanese encephalitis virus infection with a special focus on chemokine CXCL11 and pattern recognition receptors RIG-1 and MDA5. <i>Virology</i> , 2019, 527, 107-115.	2.4	13
42	Enterovirus A71 and coxsackievirus A16 show different replication kinetics in human neuronal and non-neuronal cell lines. <i>Archives of Virology</i> , 2017, 162, 727-737.	2.1	12
43	A temporal association between COVID-19 vaccination and immune-mediated necrotizing myopathy. <i>Muscle and Nerve</i> , 2022, 65, .	2.2	12
44	Congenital myasthenic syndrome due to novel <i>CHAT</i> mutations in an ethnic kadazandusun family. <i>Muscle and Nerve</i> , 2016, 53, 822-826.	2.2	11
45	Modelling person-to-person transmission in an Enterovirus A71 orally infected hamster model of hand-foot-and-mouth disease and encephalomyelitis. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-9.	6.5	11
46	Deregulation of microRNAs in blood and skeletal muscles of myotonic dystrophy type 1 patients. <i>Neurology India</i> , 2017, 65, 512.	0.4	11
47	Oculopharyngeal muscular dystrophy with PABPN1 mutation in a Chinese Malaysian woman. <i>Neuromuscular Disorders</i> , 2005, 15, 262-264.	0.6	10
48	Analysis of CTG repeat length variation in the <i>DMPK</i> gene in the general population and the molecular diagnosis of myotonic dystrophy type 1 in Malaysia. <i>BMJ Open</i> , 2017, 7, e010711.	1.9	10
49	Pathogenesis of <i>Plasmodium berghei</i> ANKA infection in the gerbil ( <i>Meriones unguiculatus</i> ) as an experimental model for severe malaria. <i>Parasite</i> , 2017, 24, 38.	2.0	10
50	Ala97Ser mutation is common among ethnic Chinese Malaysians with transthyretin familial amyloid polyneuropathy. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2019, 26, 7-8.	3.0	10
51	Japanese Encephalitis Virus Infects the Thalamus Early Followed by Sensory-Associated Cortex and Other Parts of the Central and Peripheral Nervous Systems. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 1160-1170.	1.7	10
52	Malignant Transformation of a Rosette-Forming Glioneuronal Tumor with IDH1 Mutation: A Case Report and Literature Review. <i>World Neurosurgery</i> : X, 2019, 2, 100006.	1.1	10
53	Survival and Intra-Nuclear Trafficking of <i>Burkholderia pseudomallei</i> : Strategies of Evasion from Immune Surveillance?. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005241.	3.0	10
54	Incidental Splenic Granuloma Due to <i>Burkholderia pseudomallei</i> : A Case of Asymptomatic Latent Melioidosis?. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 522-524.	1.4	9

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55	A Consistent Orally-Infected Hamster Model for Enterovirus A71 Encephalomyelitis Demonstrates Squamous Lesions in the Paws, Skin and Oral Cavity Reminiscent of Hand-Foot-and-Mouth Disease. PLoS ONE, 2016, 11, e0147463.	2.5	8
56	Diagnosis and management of Duchenne muscular dystrophy in a developing country over a 10-year period. Developmental Medicine and Child Neurology, 2005, 47, 474-477.	2.1	8
57	Adenovirus in EV71-associated hand, foot, and mouth disease. Lancet, The, 2000, 355, 146-147.	13.7	7
58	Tioman virus infection in experimentally infected mouse brain and its association with apoptosis. Journal of Virological Methods, 2007, 143, 140-146.	2.1	7
59	Squamous epitheliotropism of Enterovirus A71 in human epidermis and oral mucosa. Scientific Reports, 2017, 7, 45069.	3.3	7
60	Clinical practice with steroid therapy for Duchenne muscular dystrophy: An expert survey in Asia and Oceania. Brain and Development, 2020, 42, 277-288.	1.1	7
61	In situ hybridization to detect and identify Burkholderia pseudomallei in human melioidosis. Modern Pathology, 2014, 27, 657-664.	5.5	6
62	R54C Mutation of NOTCH3 Gene in the First Rungus Family with CADASIL. PLoS ONE, 2015, 10, e0135470.	2.5	6
63	A collective statement in support of saving pangolins. Science of the Total Environment, 2022, 824, 153666.	8.0	6
64	Understanding enterovirus 71 infection and neuropathogenesis: perspective from human and animal model studies. Pathology, 2014, 46, S26.	0.6	5
65	A monoclonal antibody to ameliorate central nervous system infection and improve survival in a murine model of human Enterovirus-A71 encephalomyelitis. Antiviral Research, 2016, 132, 196-203.	4.1	5
66	Postmortem evidence of disseminated Zika virus infection in an adult patient. International Journal of Infectious Diseases, 2019, 83, 163-166.	3.3	5
67	A novel orally infected hamster model for Coxsackievirus A16 hand-foot-and-mouth disease and encephalomyelitis. Laboratory Investigation, 2020, 100, 1262-1275.	3.7	5
68	Absence of beta-amyloid deposition in the central nervous system of a transgenic mouse model of distal myopathy with rimmed vacuoles. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2014, 21, 138-139.	3.0	4
69	Coxsackievirus A16 in a 1-Day-Old Mouse Model of Central Nervous System Infection Shows Lower Neurovirulence than Enterovirus A71. Journal of Comparative Pathology, 2020, 176, 19-32.	0.4	4
70	Immunization with recombinant enterovirus 71 viral capsid protein 1 fragment stimulated antibody responses in hamsters. Virology Journal, 2012, 9, 155.	3.4	3
71	Systemic lupus erythematosus may have an early effect on peripheral nerve function in patients without clinical or electrophysiological neuropathy: comparison with age- and gender-matched controls. Rheumatology International, 2021, 41, 355-360.	3.0	3
72	Hereditary transthyretin amyloidosis in multi-ethnic Malaysians. Neuromuscular Disorders, 2021, 31, 642-650.	0.6	3

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73	Molecular mechanism of L-SP40 peptide and in vivo efficacy against EV-A71 in neonatal mice. <i>Life Sciences</i> , 2021, 287, 120097.	4.3	3
74	Benign reactive lymphoid hyperplasia affecting both the conjunctiva and the cornea. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 775-777.	1.9	2
75	Avoid Haste in Defining Human Muscular Sarcocystosis. <i>Clinical Infectious Diseases</i> , 2014, 60, 1134.	5.8	2
76	A Severe Form of M - protein Negative Distal Acquired Demyelinating Symmetric Neuropathy. <i>Neurology India</i> , 2019, 67, 1532.	0.4	2
77	Primary breast osteosarcoma: dynamic contrast-enhanced magnetic resonance imaging, proton spectroscopy and diffusion weighted imaging findings. <i>Annals of the Academy of Medicine, Singapore</i> , 2012, 41, 473-5.	0.4	2
78	Immunohistochemical Detection of Chikungunya Virus Antigens in Formalin-Fixed and Paraffin-Embedded Tissues. <i>Methods in Molecular Biology</i> , 2016, 1426, 235-240.	0.9	1
79	A Case of Neglected, Recurrent Adenoid Cystic Carcinoma of Parotid Gland. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2021, 37, e193-e193.	0.8	1
80	Neuronal infection is a major pathogenetic mechanism and cause of fatalities in human acute Nipah virus encephalitis. <i>Neuropathology and Applied Neurobiology</i> , 0, , .	3.2	1
81	Nutritional Deficiency Dermatitis with Streptococcal Sepsis in an Aboriginal Child: a Case Report. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 2925-2929.	0.6	0