## Pa-Thai Yenchitsomanus

List of Publications by Year in descending order

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122 papers

2,813 citations

201674 27 h-index 223800 46 g-index

122 all docs 122 docs citations

122 times ranked

3649 citing authors

#	Article	IF	CITATIONS
1	Vascular Leakage in Severe Dengue Virus Infections: A Potential Role for the Nonstructural Viral Protein NS1 and Complement. Journal of Infectious Diseases, 2006, 193, 1078-1088.	4.0	397
2	PAX4Mutations in Thais with Maturity Onset Diabetes of the Young. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2821-2826.	3.6	147
3	A novel method for dengue virus detection and antibody screening using a graphene-polymer based electrochemical biosensor. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 549-557.	3.3	104
4	Autosomal recessive distal renal tubular acidosis associated with Southeast Asian ovalocytosis. Kidney International, 1999, 56, 1674-1682.	5.2	89
5	Dominant and Recessive Distal Renal Tubular Acidosis Mutations of Kidney Anion Exchanger 1 Induce Distinct Trafficking Defects in MDCK Cells. Traffic, 2006, 7, 117-128.	2.7	81
6	SB203580 Modulates p38 MAPK Signaling and Dengue Virus-Induced Liver Injury by Reducing MAPKAPK2, HSP27, and ATF2 Phosphorylation. PLoS ONE, 2016, 11, e0149486.	2.5	65
7	Inhibition of IL-10 and TGF- $\hat{l}^2$ receptors on dendritic cells enhances activation of effector T-cells to kill cholangiocarcinoma cells. Human Vaccines and Immunotherapeutics, 2018, 14, 1423-1431.	3.3	60
8	Identification of human hnRNP C1/C2 as a dengue virus NS1-interacting protein. Biochemical and Biophysical Research Communications, 2008, 372, 67-72.	2.1	54
9	Novel compound heterozygous SLC4A1 mutations in Thai patients with autosomal recessive distal renal tubular acidosis. American Journal of Kidney Diseases, 2004, 44, 64-70.	1.9	53
10	Autosomal recessive distal renal tubular acidosis caused by G701D mutation of anion exchanger 1 gene. American Journal of Kidney Diseases, 2002, 40, 21-29.	1.9	50
11	Drug repurposing of quinine as antiviral against dengue virus infection. Virus Research, 2018, 255, 171-178.	2.2	50
12	Role of human heterogeneous nuclear ribonucleoprotein C1/C2 in dengue virus replication. Virology Journal, 2015, 12, 14.	3.4	49
13	Alpha-mangostin inhibits both dengue virus production and cytokine/chemokine expression. Virus Research, 2017, 240, 180-189.	2.2	37
14	Novel bioactive peptides demonstrating antiâ€dengue virus activity isolated from the Asian medicinal plant <i>Acacia Catechu</i> . Chemical Biology and Drug Design, 2019, 93, 100-109.	3.2	37
15	Peptide Inhibitors Against Dengue Virus Infection. Chemical Biology and Drug Design, 2014, 84, 148-157.	3.2	35
16	Anti-mucin 1 chimeric antigen receptor T cells for adoptive T cell therapy of cholangiocarcinoma. Scientific Reports, 2021, 11, 6276.	3.3	35
17	Anion exchangerÂ1 mutations associated with distal renal tubular acidosis in the Thai population. Journal of Human Genetics, 2003, 48, 451-456.	2.3	34
18	Molecular mechanisms of autosomal dominant and recessive distal renal tubular acidosis caused by SLC4A1 (AE1) mutations. Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research, 2005, 01, 49-62.	0.1	33

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19	Role of ERK1/2 signaling in dengue virus-induced liver injury. Virus Research, 2014, 188, 15-26.	2.2	33
20	Identification of a Conserved RNA-dependent RNA Polymerase (RdRp)-RNA Interface Required for Flaviviral Replication. Journal of Biological Chemistry, 2016, 291, 17437-17449.	3.4	33
21	Compound A attenuates toll-like receptor 4-mediated paclitaxel resistance in breast cancer and melanoma through suppression of IL-8. BMC Cancer, 2018, 18, 231.	2.6	33
22	A Peptide Inhibitor Derived from the Conserved Ectodomain Region of <scp>DENV</scp> Membrane (M) Protein with Activity Against Dengue Virus Infection. Chemical Biology and Drug Design, 2015, 86, 1093-1104.	3.2	32
23	Drug repurposing of minocycline against dengue virus infection. Biochemical and Biophysical Research Communications, 2016, 478, 410-416.	2.1	32
24	Impact of KCNQ1, CDKN2A/2B, CDKAL1, HHEX, MTNR1B, SLC30A8, TCF7L2, and UBE2E2 on risk of developing type 2 diabetes in Thai population. BMC Medical Genetics, 2018, 19, 93.	2.1	32
25	A de novo R589C mutation of anion exchanger 1 causing distal renal tubular acidosis. Pediatric Nephrology, 2003, 18, 644-648.	1.7	31
26	Cell death gene expression profile: Role of RIPK2 in dengue virus-mediated apoptosis. Virus Research, 2011, 156, 25-34.	2.2	30
27	Inhibition of dengue virus production and cytokine/chemokine expression by ribavirin and compound A. Antiviral Research, 2015, 124, 83-92.	4.1	29
28	Aberrant mRNA splicing of paired box 4 (PAX4) IVS7-1G>A mutation causing maturity-onset diabetes of the young, type 9. Acta Diabetologica, 2016, 53, 205-216.	2.5	29
29	Inhibition of p38MAPK and CD137 signaling reduce dengue virus-induced TNF- $\hat{l}\pm$ secretion and apoptosis. Virology Journal, 2013, 10, 105.	3.4	27
30	Drug repurposing of N-acetyl cysteine as antiviral against dengue virus infection. Antiviral Research, 2019, 166, 42-55.	4.1	27
31	Defective PAX4 R192H transcriptional repressor activities associated with maturity onset diabetes of the young and early onset-age of type 2 diabetes. Journal of Diabetes and Its Complications, 2012, 26, 343-347.	2.3	26
32	Anti-tumour effect of the fourth-generation chimeric antigen receptor T cells targeting CD133 against cholangiocarcinoma cells. International Immunopharmacology, 2020, 89, 107069.	3.8	26
33	Chimeric Antigen Receptor T Cells Targeting Integrin $\hat{l}\pm\nu\hat{l}^2$ 6 Expressed on Cholangiocarcinoma Cells. Frontiers in Oncology, 2021, 11, 657868.	2.8	26
34	Mutations of maturityâ€onset diabetes of the young (MODY) genes in Thais with earlyâ€onset type 2 diabetes mellitus. Clinical Endocrinology, 2009, 70, 847-853.	2.4	25
35	Cytotoxic activity of effector T cells against cholangiocarcinoma is enhanced by self-differentiated monocyte-derived dendritic cells. Cancer Immunology, Immunotherapy, 2018, 67, 1579-1588.	4.2	25
36	Fourth-generation chimeric antigen receptor T cells targeting folate receptor alpha antigen expressed on breast cancer cells for adoptive T cell therapy. Breast Cancer Research and Treatment, 2021, 186, 25-36.	2.5	25

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37	A Novel H572R Mutation in the Transforming Growth Factor- $\hat{1}^2$ -Induced Gene in a Thai Family with Lattice Corneal Dystrophy Type I. Japanese Journal of Ophthalmology, 2006, 50, 403-408.	1.9	24
38	Distal Renal Tubular Acidosis Associated With Anion Exchanger 1 Mutations in Children in Thailand. American Journal of Kidney Diseases, 2007, 49, 841-850.e1.	1.9	24
39	Role of mitogen-activated protein kinase signaling in the pathogenesis of dengue virus infection. Cellular Signalling, 2018, 48, 64-68.	3.6	23
40	Interaction of dengue virus nonstructural protein 5 with Daxx modulates RANTES production. Biochemical and Biophysical Research Communications, 2012, 423, 398-403.	2.1	22
41	Testosterone reduces AGTR1 expression to prevent β-cell and islet apoptosis from glucotoxicity. Journal of Endocrinology, 2015, 224, 215-224.	2.6	22
42	Estradiol Prevents High Glucose-Induced $\hat{l}^2$ -cell Apoptosis by Decreased BTG2 Expression. Scientific Reports, 2018, 8, 12256.	3.3	22
43	Cordycepin Inhibits Virus Replication in Dengue Virus-Infected Vero Cells. Molecules, 2021, 26, 3118.	3.8	22
44	JNK1/2 inhibitor reduces dengue virus-induced liver injury. Antiviral Research, 2017, 141, 7-18.	4.1	21
45	Enhanced cytotoxic activity of effector T-cells against cholangiocarcinoma by dendritic cells pulsed with pooled mRNA. Tumor Biology, 2017, 39, 101042831773336.	1.8	21
46	Gemcitabine enhances cytotoxic activity of effector T-lymphocytes against chemo-resistant cholangiocarcinoma cells. International Immunopharmacology, 2020, 78, 106006.	3.8	21
47	Peptides targeting dengue viral nonstructural protein 1 inhibit dengue virus production. Scientific Reports, 2020, 10, 12933.	3.3	21
48	Human kidney anion exchanger 1 interacts with adaptor-related protein complex 1 $\hat{1}$ /41A (AP-1 mu1A). Biochemical and Biophysical Research Communications, 2010, 401, 85-91.	2.1	19
49	NF-κB is required for dengue virus NS5-induced RANTES expression. Virus Research, 2015, 197, 92-100.	2.2	19
50	PAX4 R192H and P321H polymorphisms in type 2 diabetes and their functional defects. Journal of Human Genetics, 2016, 61, 943-949.	2.3	19
51	GD2-specific chimeric antigen receptor-modified T cells targeting retinoblastoma – assessing tumor and T cell interaction. Translational Oncology, 2021, 14, 100971.	3.7	19
52	RNAi screen reveals a role of SPHK2 in dengue virus–mediated apoptosis in hepatic cell lines. PLoS ONE, 2017, 12, e0188121.	2.5	19
53	Human anion exchanger1 mutations and distal renal tubular acidosis. Southeast Asian Journal of Tropical Medicine and Public Health, 2003, 34, 651-8.	1.0	18
54	Trafficking defect of mutant kidney anion exchanger 1 (kAE1) proteins associated with distal renal tubular acidosis and Southeast Asian ovalocytosis. Biochemical and Biophysical Research Communications, 2006, 350, 723-730.	2.1	17

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55	Adaptor protein 1 complexes regulate intracellular trafficking of the kidney anion exchanger 1 in epithelial cells. American Journal of Physiology - Cell Physiology, 2012, 303, C554-C566.	4.6	17
56	A whole genome SNP genotyping by DNA microarray and candidate gene association study for kidney stone disease. BMC Medical Genetics, 2014, 15, 50.	2.1	17
57	Evidence suggesting a genetic contribution to kidney stone in northeastern Thai population. Urological Research, 2009, 37, 141-146.	1.5	16
58	Melatonin Inhibits Dengue Virus Infection via the Sirtuin 1-Mediated Interferon Pathway. Viruses, 2021, 13, 659.	3.3	16
59	Crocetin Improves Dengue Virus-Induced Liver Injury. Viruses, 2020, 12, 825.	3.3	15
60	Sirtuin Family Members Selectively Regulate Autophagy in Osteosarcoma and Mesothelioma Cells in Response to Cellular Stress. Frontiers in Oncology, 2019, 9, 949.	2.8	14
61	Suppression of TGF- $\hat{l}^2$ and IL-10 receptors on self-differentiated dendritic cells by short-hairpin RNAs enhanced activation of effector T-cells against cholangiocarcinoma cells. Human Vaccines and Immunotherapeutics, 2020, 16, 2318-2327.	3.3	14
62	GD2 chimeric antigen receptor modified T cells in synergy with sub-toxic level of doxorubicin targeting osteosarcomas. American Journal of Cancer Research, 2020, 10, 674-687.	1.4	14
63	Generation of human single-chain variable fragment antibodies specific to dengue virus non-structural protein 1 that interfere with the virus infectious cycle. MAbs, 2014, 6, 474-482.	5.2	13
64	Mass spectrometric analysis of host cell proteins interacting with dengue virus nonstructural protein 1 in dengue virus-infected HepG2 cells. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 1270-1280.	2.3	13
65	Enhancing sensitivity of QCM for dengue type 1 virus detection using graphene-based polymer composites. Analytical and Bioanalytical Chemistry, 2021, 413, 6191-6198.	3.7	12
66	Human glucose-regulated protein 78 modulates intracellular production and secretion of nonstructural protein 1 of dengue virus. Journal of General Virology, 2018, 99, 1391-1406.	2.9	12
67	Combination gemcitabine and PD-L1xCD3 bispecific T cell engager (BiTE) enhances T lymphocyte cytotoxicity against cholangiocarcinoma cells. Scientific Reports, 2022, 12, 6154.	3.3	12
68	Human kidney anion exchanger 1 interacts with kinesin family member 3B (KIF3B). Biochemical and Biophysical Research Communications, 2011, 413, 69-74.	2.1	11
69	Association between Human Prothrombin Variant (T165M) and Kidney Stone Disease. PLoS ONE, 2012, 7, e45533.	2.5	11
70	Role of Adaptor Proteins and Clathrin in the Trafficking of Human Kidney Anion Exchanger 1 ( <scp>kAE1</scp> ) to the Cell Surface. Traffic, 2014, 15, 788-802.	2.7	11
71	Tyrosine kinase/phosphatase inhibitors decrease dengue virus production in HepG2 cells. Biochemical and Biophysical Research Communications, 2017, 483, 58-63.	2.1	11
72	Cordycepin Sensitizes Cholangiocarcinoma Cells to Be Killed by Natural Killer-92 (NK-92) Cells. Molecules, 2021, 26, 5973.	3.8	11

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73	Extracellular Vesicle-Mediated IL-1 Signaling in Response to Doxorubicin Activates PD-L1 Expression in Osteosarcoma Models. Cells, 2022, 11, 1042.	4.1	11
74	Identification of copy number variation of CAPN10 in Thais with type 2 diabetes by multiplex PCR and denaturing high performance liquid chromatography (DHPLC). Gene, 2012, 506, 383-386.	2.2	10
<b>7</b> 5	Cytolytic Activity of Effector T-lymphocytes Against Hepatocellular Carcinoma is Improved by Dendritic Cells Pulsed with Pooled Tumor Antigens. Scientific Reports, 2019, 9, 17668.	3.3	10
76	A Synthetic Bioactive Peptide Derived from the Asian Medicinal Plant Acacia catechu Binds to Dengue Virus and Inhibits Cell Entry. Viruses, 2020, 12, 1267.	3.3	10
77	Frameshift mutations with severe and moderate clinical phenotypes in Thai hemophilia A patients. Human Mutation, 2000, 16, 530-531.	2.5	9
78	Protein disulfide isomerase A1 regulates breast cancer cell immunorecognition in a manner dependent on redox state. Oncology Reports, 2020, 44, 2406-2418.	2.6	9
79	Adoptive Transfer of Anti-Nucleolin T Cells Combined with PD-L1 Inhibition against Triple-Negative Breast Cancer. Molecular Cancer Therapeutics, 2022, 21, 727-739.	4.1	9
80	Rapid detection of solute carrier family 4, member 1 (SLC4A1) mutations and polymorphisms by high-resolution melting analysis. Clinical Biochemistry, 2010, 43, 497-504.	1.9	8
81	Compound A, a dissociated glucocorticoid receptor modulator, reduces dengue virus-induced cytokine secretion and dengue virus production. Biochemical and Biophysical Research Communications, 2013, 436, 283-288.	2.1	8
82	Dengue virus disrupts Daxx and NF-κB interaction to induce CD137-mediated apoptosis. Biochemical and Biophysical Research Communications, 2014, 450, 1485-1491.	2.1	8
83	Detection of CAPN 10 copy number variation in Thai patients with typeÂ2 diabetes by denaturing high performance liquid chromatography and realâ€time quantitative polymerase chain reaction. Journal of Diabetes Investigation, 2015, 6, 632-639.	2.4	8
84	Vivo-morpholino oligomers strongly inhibit dengue virus replication and production. Archives of Virology, 2018, 163, 867-876.	2.1	8
85	Inhibition of dengue virus replication in monocyte-derived dendritic cells by vivo-morpholino oligomers. Virus Research, 2019, 260, 123-128.	2.2	8
86	Breast cancer stem cell RNAâ€ʻpulsed dendritic cells enhance tumor cell killing by effector Tiʻ¿½cellsiʻ¿½. Oncology Letters, 2020, 19, 2422-2430.	1.8	8
87	Development of a Novel Anti-CD19 CAR Containing a Fully Human scFv and Three Costimulatory Domains. Frontiers in Oncology, 2021, 11, 802876.	2.8	8
88	Prothrombin Haplotype Associated With Kidney Stone Disease in Northeastern Thai Patients. Urology, 2011, 77, 249.e17-249.e23.	1.0	7
89	Loss-of-function mutations of SCN10A encoding NaV1.8 $\hat{i}\pm$ subunit of voltage-gated sodium channel in patients with human kidney stone disease. Scientific Reports, 2018, 8, 10453.	3.3	7
90	Molecular Diagnosis of Solute Carrier Family 4 Member 1 (SLC4A1) Mutation–Related Autosomal Recessive Distal Renal Tubular Acidosis. Laboratory Medicine, 2019, 50, 78-86.	1.2	7

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91	Alpha-mangostin inhibits dengue virus production and pro-inflammatory cytokine/chemokine expression in dendritic cells. Archives of Virology, 2021, 166, 1623-1632.	2.1	7
92	Dexamethasone induces pancreatic $\hat{l}^2$ -cell apoptosis through upregulation of TRAIL death receptor. Journal of Molecular Endocrinology, 2021, 67, 95-106.	2.5	7
93	Doxorubicin sensitizes breast cancer cells to natural killerÂcells in connection with increased Fas receptors. International Journal of Molecular Medicine, 2022, 49, .	4.0	7
94	A novel splice-acceptor site mutation (IVS13-2A>T) of polycystic kidney disease 1 (PKD1) gene resulting in an RNA processing defect with a 74-nucleotide deletion in exon 14 of the mRNA transcript., 2000, 15, 115-115.		6
95	Identification of a new mutation (Gly420Ser), distal to the active site, that leads to factor XIII deficiency. European Journal of Haematology, 2000, 65, 279-284.	2.2	6
96	DNAJC3 mutation in Thai familial type 2 diabetes mellitus. International Journal of Molecular Medicine, 2018, 42, 1064-1073.	4.0	6
97	Fanconi anemia complementation group C protection against oxidative stress‑induced β‑cell apoptosis. Molecular Medicine Reports, 2018, 18, 2485-2491.	2.4	6
98	Endoplasmic reticulum stress, unfolded protein response and autophagy contribute to resistance to glucocorticoid treatment in human acute lymphoblastic leukaemia cells. International Journal of Oncology, 2020, 57, 835-844.	3.3	6
99	Estrogen attenuates AGTR1 expression to reduce pancreatic $\hat{l}^2$ -cell death from high glucose. Scientific Reports, 2017, 7, 16639.	3.3	5
100	Suppression of $\hat{A}\mu 1$ subunit of the adaptor protein complex 2 reduces dengue virus release. Virus Genes, 2020, 56, 27-36.	1.6	5
101	Potential Phosphorylation of Viral Nonstructural Protein 1 in Dengue Virus Infection. Viruses, 2021, 13, 1393.	3.3	5
102	Adaptor Protein 1A Facilitates Dengue Virus Replication. PLoS ONE, 2015, 10, e0130065.	2.5	5
103	<i>HNF1A</i> mutation in a Thai patient with maturity-onset diabetes of the young: A case report. World Journal of Diabetes, 2019, 10, 414-420.	3.5	5
104	γ-COPI mediates the retention of kAE1 G701D protein in Golgi apparatus – a mechanistic explanation of distal renal tubular acidosis associated with the G701D mutation. Biochemical Journal, 2017, 474, 2573-2584.	3.7	4
105	Establishment and characterization of novel highly aggressive HER2‑positive and triple‑negative breast cancer cell lines. Oncology Reports, 2021, 46, .	2.6	4
106	Triphala in Traditional Ayurvedic Medicine Inhibits Dengue Virus Infection in Huh7 Hepatoma Cells. Pharmaceuticals, 2021, 14, 1236.	3.8	4
107	Human single-chain variable fragment antibody inhibits macrophage migration inhibitory factor tautomerase activity. International Journal of Molecular Medicine, 2014, 33, 515-522.	4.0	3
108	Transmembrane protein 139 (TMEM139) interacts with human kidney isoform of anion exchanger 1 (kAE1). Biochemical and Biophysical Research Communications, 2015, 463, 706-711.	2.1	3

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109	Defective functions of HNF1A variants on BCL2L1 transactivation and beta-cell growth. Biochemical and Biophysical Research Communications, 2020, 529, 826-833.	2.1	3
110	A novel loss-of-function mutation of PBK associated with human kidney stone disease. Scientific Reports, 2020, 10, 10282.	3.3	3
111	Autosomal dominant diabetes associated with a novel ZYG11A mutation resulting in cell cycle arrest in beta-cells. Molecular and Cellular Endocrinology, 2021, 522, 111126.	3.2	3
112	Association between intelectin-1 variation and human kidney stone disease in northeastern Thai population. Urolithiasis, 2021, 49, 521-532.	2.0	3
113	Antitumor activity of T cells secreting î±CD133-î±CD3 bispecific T-cell engager against cholangiocarcinoma. PLoS ONE, 2022, 17, e0265773.	2.5	3
114	Coat protein complex I facilitates dengue virus production. Virus Research, 2018, 250, 13-20.	2.2	2
115	Correlation between genotypes of F2 rs5896 (p.Thr165Met) polymorphism and urinary prothrombin fragment 1. Urolithiasis, 2018, 46, 405-407.	2.0	1
116	Studies of Anti-EGFR Tyrosine Kinase Activity of Thai nutraceutical Plants. Iranian Journal of Pharmaceutical Research, 2020, 19, 199-206.	0.5	1
117	Cytotoxic T Cells Activated by Self-differentiated Monocyte-derived Dendritic Cells Against Multiple Myeloma Cells. Anticancer Research, 2022, 42, 1785-1799.	1.1	1
118	Mesothelin‑specific T cell cytotoxicity against triple negative breast cancer is enhanced by 40s ribosomal protein subunit 3‑treated self‒differentiated dendritic cells. Oncology Reports, 2022, 48, .	2.6	1
119	Activation of cytotoxic T lymphocytes by self-differentiated myeloid-derived dendritic cells for killing breast cancer cells expressing folate receptor alpha protein. Bioengineered, 2022, 13, 14188-14203.	3.2	1
120	Targeting UCHL1 Induces Cell Cycle Arrest in High-Risk Multiple Myeloma with t(4;14). Pathology and Oncology Research, 2021, 27, 606567.	1.9	0
121	Alpha-mangostin inhibits both dengue virus and cytokine/chemokine production. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-9-20.	0.0	0
122	Anti-Proliferative Effects of Compound A and Its Effect in Combination with Cisplatin in Cholangiocarcinoma Cells. Asian Pacific Journal of Cancer Prevention, 2020, 21, 2673-2681.	1.2	0