

# Theerapong Krajaejun

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

1,795  
citations

304743  
22  
h-index

276875  
41  
g-index

71  
all docs

71  
docs citations

71  
times ranked

1182  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Distribution and Clinical Features of Pythiosis in Humans and Animals. Journal of Fungi (Basel,) TJ ETQq1 1 0.784314 rgBT /Ove	3.5	25
2	Severe skin and soft tissue pythiosis acquired in a hot spring in the southwestern United States, a case report and review of North American cases. Travel Medicine and Infectious Disease, 2022, 48, 102349.	3.0	3
3	Secretome Profiling by Proteogenomic Analysis Shows Species-Specific, Temperature-Dependent, and Putative Virulence Proteins of <i>Pythium insidiosum</i> . Journal of Fungi (Basel, Switzerland), 2022, 8, 527.	3.5	2
4	Identification and Biotyping of <i>Pythium insidiosum</i> Isolated from Urban and Rural Areas of Thailand by Multiplex PCR, DNA Barcode, and Proteomic Analyses. Journal of Fungi (Basel, Switzerland), 2021, 7, 242.	3.5	9
5	Genome data of four <i>Pythium insidiosum</i> strains from the phylogenetically-distinct clades I, II, and III. BMC Research Notes, 2021, 14, 197.	1.4	7
6	Prospecting Biomarkers for Diagnostic and Therapeutic Approaches in Pythiosis. Journal of Fungi (Basel, Switzerland), 2021, 7, 423.	3.5	2
7	Immunological Cross-Reactivity of Proteins Extracted from the Oomycete <i>Pythium insidiosum</i> and the Fungus <i>Basidiobolus ranarum</i> Compromises the Detection Specificity of Immunodiagnostic Assays for Pythiosis. Journal of Fungi (Basel, Switzerland), 2021, 7, 474.	3.5	3
8	History and Perspective of Immunotherapy for Pythiosis. Vaccines, 2021, 9, 1080.	4.4	13
9	Review of methods and antimicrobial agents for susceptibility testing against <i>Pythium insidiosum</i> . Heliyon, 2020, 6, e03737.	3.2	21
10	Draft genome sequence of the oomycete <i>Pythium destruens</i> strain ATCC 64221 from a horse with pythiosis in Australia. BMC Research Notes, 2020, 13, 329.	1.4	8
11	Loop-mediated Isothermal Amplification (LAMP) for Identification of <i>Pythium insidiosum</i> . International Journal of Infectious Diseases, 2020, 101, 149-159.	3.3	13
12	Automated Cell-Free Multiprotein Synthesis Facilitates the Identification of a Secretory, Oligopeptide Elicitor-Like, Immunoreactive Protein of the Oomycete <i>Pythium insidiosum</i> . MSystems, 2020, 5, .	3.8	5
13	Protein A/G-based enzyme-linked immunosorbent assay for detection of anti- <i>Pythium insidiosum</i> antibodies in human and animal subjects. BMC Research Notes, 2020, 13, 135.	1.4	16
14	Expression, purification, and characterization of the recombinant exo-1,3- $\beta$ -glucanase (Exo1) of the pathogenic oomycete <i>Pythium insidiosum</i> . Heliyon, 2020, 6, e04237.	3.2	3
15	Recent update in diagnosis and treatment of human pythiosis. PeerJ, 2020, 8, e8555.	2.0	44
16	Seroprevalence of anti- <i>Pythium insidiosum</i> antibodies in the Thai population. Medical Mycology, 2019, 57, 284-290.	0.7	6
17	Oomycete Gene Table: an online database for comparative genomic analyses of the oomycete microorganisms. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	11
18	The Repurposed Drug Disulfiram Inhibits Urease and Aldehyde Dehydrogenase and Prevents <i>In Vitro</i> Growth of the Oomycete <i>Pythium insidiosum</i> . Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	14

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19	Assessment of temperature-dependent proteomes of <i>Pythium insidiosum</i> by using the SWISS-PROT database. <i>Medical Mycology</i> , 2019, 57, 918-921.	0.7	4
20	Pythiosis. , 2019, , 3-26.		1
21	Clinicopathological features and outcomes of pythiosis. <i>International Journal of Infectious Diseases</i> , 2018, 71, 33-41.	3.3	17
22	Draft genome sequences of the oomycete <i>Pythium insidiosum</i> strain CBS 573.85 from a horse with pythiosis and strain CR02 from the environment. <i>Data in Brief</i> , 2018, 16, 47-50.	1.0	17
23	Probing the Phylogenomics and Putative Pathogenicity Genes of <i>Pythium insidiosum</i> by Oomycete Genome Analyses. <i>Scientific Reports</i> , 2018, 8, 4135.	3.3	35
24	Data on whole genome sequencing of the oomycete <i>Pythium insidiosum</i> strain CBS 101555 from a horse with pythiosis in Brazil. <i>BMC Research Notes</i> , 2018, 11, 880.	1.4	14
25	Assessment of matrix-assisted laser desorption ionization-time of flight mass spectrometry for identification and biotyping of the pathogenic oomycete <i>Pythium insidiosum</i> . <i>International Journal of Infectious Diseases</i> , 2018, 77, 61-67.	3.3	27
26	Vascular pythiosis of carotid artery with meningitis and cerebral septic emboli: A case report and literature review. <i>Medical Mycology Case Reports</i> , 2018, 21, 57-62.	1.3	11
27	First confirmed case of nasal pythiosis in a horse in Thailand. <i>JMM Case Reports</i> , 2018, 5, e005136.	1.3	7
28	Biochemical and genetic analyses of the oomycete <i>Pythium insidiosum</i> provide new insights into clinical identification and urease-based evolution of metabolism-related traits. <i>PeerJ</i> , 2018, 6, e4821.	2.0	6
29	Evolution of the Sterol Biosynthetic Pathway of <i>Pythium insidiosum</i> and Related Oomycetes Contributes to Antifungal Drug Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	53
30	Single nucleotide polymorphism-based multiplex PCR for identification and genotyping of the oomycete <i>Pythium insidiosum</i> from humans, animals and the environment. <i>Infection, Genetics and Evolution</i> , 2017, 54, 429-436.	2.3	32
31	Draft genome and sequence variant data of the oomycete <i>Pythium insidiosum</i> strain Pi45 from the phylogenetically-distinct Clade-III. <i>Data in Brief</i> , 2017, 15, 896-900.	1.0	18
32	Protein A/G-based immunochromatographic test for serodiagnosis of pythiosis in human and animal subjects from Asia and Americas. <i>Medical Mycology</i> , 2016, 54, 641-647.	0.7	43
33	Development of an Anti-Elicitin Antibody-Based Immunohistochemical Assay for Diagnosis of Pythiosis. <i>Journal of Clinical Microbiology</i> , 2016, 54, 43-48.	3.9	21
34	Comparative mitochondrial genome analysis of <i>Pythium insidiosum</i> and related oomycete species provides new insights into genetic variation and phylogenetic relationships. <i>Gene</i> , 2016, 575, 34-41.	2.2	11
35	The Elicitin-Like Glycoprotein, ELI025, Is Secreted by the Pathogenic Oomycete <i>Pythium insidiosum</i> and Evades Host Antibody Responses. <i>PLoS ONE</i> , 2015, 10, e0118547.	2.5	22
36	Draft Genome Sequence of the Pathogenic Oomycete <i>Pythium insidiosum</i> Strain Pi-S, Isolated from a Patient with Pythiosis. <i>Genome Announcements</i> , 2015, 3, .	0.8	47

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37	Geographic variation in the elicitor-like glycoprotein, ELI025, of <i>Pythium insidiosum</i> isolated from human and animal subjects. <i>Infection, Genetics and Evolution</i> , 2015, 35, 127-133.	2.3	5
38	Detection of the oomycete <i>Pythium insidiosum</i> by real-time PCR targeting the gene coding for <i>exo-1,3-β-glucanase</i> . <i>Journal of Medical Microbiology</i> , 2015, 64, 971-977.	1.8	32
39	The Immunoreactive <i>Exo-1,3-β-Glucanase</i> from the Pathogenic Oomycete <i>Pythium insidiosum</i> Is Temperature Regulated and Exhibits Glycoside Hydrolase Activity. <i>PLoS ONE</i> , 2015, 10, e0135239.	2.5	12
40	12. Pythiosis. , 2014, , 263-278.		1
41	Transcriptome analysis reveals pathogenicity and evolutionary history of the pathogenic oomycete <i>Pythium insidiosum</i> . <i>Fungal Biology</i> , 2014, 118, 640-653.	2.5	38
42	PCR amplification of a putative gene for <i>exo-1,3-β-glucanase</i> to identify the pathogenic oomycete <i>Pythium insidiosum</i> . <i>Asian Biomedicine</i> , 2014, 8, 637-644.	0.3	21
43	Evaluation of nested pcr technique for detection of <i>Pythium insidiosum</i> in pathological specimens from patients with suspected fungal keratitis. <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , 2014, 45, 167-73.	1.0	11
44	Efficiency comparison of three methods for extracting genomic DNA of the pathogenic oomycete <i>Pythium insidiosum</i> . <i>Journal of the Medical Association of Thailand = Chotmaihet Thangphaet</i> , 2014, 97, 342-8.	0.1	16
45	Performance comparison of immunodiffusion, enzyme-linked immunosorbent assay, immunochromatography and hemagglutination for serodiagnosis of human pythiosis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013, 76, 42-45.	1.8	42
46	A peptide ELISA to detect antibodies against <i>Pythium insidiosum</i> based on predicted antigenic determinants of <i>exo-1,3-beta-glucanase</i> . <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , 2013, 44, 672-80.	1.0	14
47	Pythiosis. , 2012, , 485-487.		0
48	In vitro antimicrobial activity of volatile organic compounds from <i>Muscodor crispans</i> against the pathogenic oomycete <i>Pythium insidiosum</i> . <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , 2012, 43, 1474-83.	1.0	9
49	Expressed sequence tags reveal genetic diversity and putative virulence factors of the pathogenic oomycete <i>Pythium insidiosum</i> . <i>Fungal Biology</i> , 2011, 115, 683-696.	2.5	53
50	Phylogenetic analysis of <i>Pythium insidiosum</i> Thai strains using cytochrome oxidase II ( <i>COXII</i> ) DNA coding sequences and internal transcribed spacer regions (ITS). <i>Medical Mycology</i> , 2011, 49, 289-295.	0.7	34
51	Safety, Tolerability, and Immunogenicity of a Recombinant, Genetically Engineered, Live-Attenuated Vaccine against Canine Blastomycosis. <i>Vaccine Journal</i> , 2011, 18, 783-789.	3.1	25
52	<i>Pythium</i> . , 2011, , .		1
53	The 74-Kilodalton Immunodominant Antigen of the Pathogenic Oomycete <i>Pythium insidiosum</i> Is a Putative <i>Exo-1,3-β-Glucanase</i> . <i>Vaccine Journal</i> , 2010, 17, 1203-1210.	3.1	12
54	Discordant Influence of <i>Blastomyces dermatitidis</i> Yeast-Phase-Specific Gene <i>BYS1</i> on Morphogenesis and Virulence. <i>Infection and Immunity</i> , 2010, 78, 2522-2528.	2.2	10

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55	Genome sequence of the necrotrophic plant pathogen <i>Pythium ultimum</i> reveals original pathogenicity mechanisms and effector repertoire. <i>Genome Biology</i> , 2010, 11, R73.	9.6	391
56	Effect of temperature on growth of the pathogenic oomycete <i>Pythium insidiosum</i> . <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , 2010, 41, 1462-6.	1.0	12
57	Development of an Immunochromatographic Test for Rapid Serodiagnosis of Human Pythiosis. <i>Vaccine Journal</i> , 2009, 16, 506-509.	3.1	51
58	Hemagglutination Test for Rapid Serodiagnosis of Human Pythiosis. <i>Vaccine Journal</i> , 2009, 16, 1047-1051.	3.1	41
59	Evaluation of an in-house immunoperoxidase staining assay for histodiagnosis of human pythiosis. <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , 2009, 40, 1298-305.	1.0	24
60	Development and Application of a Green Fluorescent Protein Sentinel System for Identification of RNA Interference in <i>Blastomyces dermatitidis</i> Illuminates the Role of Septin in Morphogenesis and Sporulation. <i>Eukaryotic Cell</i> , 2007, 6, 1299-1309.	3.4	30
61	Random amplified polymorphic DNA typing and phylogeny of <i>Pythium insidiosum</i> clinical isolates in Thailand. <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , 2007, 38, 383-91.	1.0	3
62	Clinical and Epidemiological Analyses of Human Pythiosis in Thailand. <i>Clinical Infectious Diseases</i> , 2006, 43, 569-576.	5.8	201
63	Identification of a Novel 74-Kilodalton Immunodominant Antigen of <i>Pythium insidiosum</i> Recognized by Sera from Human Patients with Pythiosis. <i>Journal of Clinical Microbiology</i> , 2006, 44, 1674-1680.	3.9	35
64	Ocular pythiosis: is it under-diagnosed?. <i>American Journal of Ophthalmology</i> , 2004, 137, 370-372.	3.3	41
65	Development and Evaluation of an In-House Enzyme-Linked Immunosorbent Assay for Early Diagnosis and Monitoring of Human Pythiosis. <i>Vaccine Journal</i> , 2002, 9, 378-382.	3.1	35