

Theerapong Krajaejun

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,795
citations

346980

22
h-index

312153

41
g-index

71
all docs

71
docs citations

71
times ranked

1320
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Global Distribution and Clinical Features of Pythiosis in Humans and Animals. Journal of Fungi (Basel, Switzerland), 2022, 8, 527. | 1.5 | 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. | 1.5 | 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. | 1.5 | 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. | 1.5 | 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. | 0.6 | 7 |
| 6 | Prospecting Biomarkers for Diagnostic and Therapeutic Approaches in Pythiosis. Journal of Fungi (Basel, Switzerland), 2021, 7, 423. | 1.5 | 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. | 1.5 | 3 |
| 8 | History and Perspective of Immunotherapy for Pythiosis. Vaccines, 2021, 9, 1080. | 2.1 | 13 |
| 9 | Review of methods and antimicrobial agents for susceptibility testing against <i>Pythium insidiosum</i> . Heliyon, 2020, 6, e03737. | 1.4 | 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. | 0.6 | 8 |
| 11 | Loop-mediated Isothermal Amplification (LAMP) for Identification of <i>Pythium insidiosum</i> . International Journal of Infectious Diseases, 2020, 101, 149-159. | 1.5 | 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, . | 1.7 | 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. | 0.6 | 16 |
| 14 | Expression, purification, and characterization of the recombinant exo-1,3- β -glucanase (Exo1) of the pathogenic oomycete <i>Pythium insidiosum</i> . Heliyon, 2020, 6, e04237. | 1.4 | 3 |
| 15 | Recent update in diagnosis and treatment of human pythiosis. PeerJ, 2020, 8, e8555. | 0.9 | 44 |
| 16 | Seroprevalence of anti- <i>Pythium insidiosum</i> antibodies in the Thai population. Medical Mycology, 2019, 57, 284-290. | 0.3 | 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, . | 1.4 | 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, . | 1.4 | 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. | 0.3 | 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. | 1.5 | 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. | 0.5 | 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. | 1.6 | 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. | 0.6 | 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. | 1.5 | 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. | 0.7 | 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. | 0.9 | 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, . | 1.4 | 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. | 1.0 | 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. | 0.5 | 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. | 0.3 | 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. | 1.8 | 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. | 1.0 | 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. | 1.1 | 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. | 1.0 | 5 |
| 38 | Detection of the oomycete <i>Pythium insidiosum</i> by real-time PCR targeting the gene coding for <i>exo-1,3-β-D-glucanase</i> . <i>Journal of Medical Microbiology</i> , 2015, 64, 971-977. | 0.7 | 32 |
| 39 | The Immunoreactive <i>Exo-1,3-β-D-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. | 1.1 | 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. | 1.1 | 38 |
| 42 | PCR amplification of a putative gene for <i>exo-1,3-β-D-glucanase</i> to identify the pathogenic oomycete <i>Pythium insidiosum</i> . <i>Asian Biomedicine</i> , 2014, 8, 637-644. | 0.2 | 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. | 0.4 | 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. | 0.8 | 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>Muscodora 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. | 1.1 | 53 |
| 50 | Phylogenetic analysis of <i>Pythium insidiosum</i> Thai strains using cytochrome oxidase II (<i>COX II</i>) DNA coding sequences and internal transcribed spacer regions (ITS). <i>Medical Mycology</i> , 2011, 49, 289-295. | 0.3 | 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. | 3.2 | 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-D-Glucanase</i> . <i>Vaccine Journal</i> , 2010, 17, 1203-1210. | 3.2 | 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. | 1.0 | 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. | 13.9 | 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. | 3.2 | 51 |
| 58 | Hemagglutination Test for Rapid Serodiagnosis of Human Pythiosis. <i>Vaccine Journal</i> , 2009, 16, 1047-1051. | 3.2 | 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. | 2.9 | 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. | 1.8 | 35 |
| 64 | Ocular pythiosis: is it under-diagnosed?. <i>American Journal of Ophthalmology</i> , 2004, 137, 370-372. | 1.7 | 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. | 3.2 | 35 |