

Onrapak Reamtong

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

1,176
citations

394421

19
h-index

552781

26
g-index

103
all docs

103
docs citations

103
times ranked

1684
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytoskeletal Alteration Is an Early Cellular Response in Pulmonary Epithelium Infected with <i>Aspergillus fumigatus</i> Rather than <i>Scenedosporium apiospermum</i> . <i>Microbial Ecology</i> , 2022, 83, 216-235.	2.8	6
2	GroEL Chaperonin-Based Assay for Early Diagnosis of Scrub Typhus. <i>Diagnostics</i> , 2022, 12, 136.	2.6	0
3	Comparative compositional and functional venom profiles among venom specimens from juvenile, subadult and adult Russell's viper (<i>Daboia siamensis</i>): correlation with renal pathophysiology in experimental rabbits. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2022, 28, 20210111.	1.4	0
4	Sericin-mediated improvement of dysmorphic cardiac mitochondria from hypercholesterolaemia is associated with maintaining mitochondrial dynamics, energy production, and mitochondrial structure. <i>Pharmaceutical Biology</i> , 2022, 60, 708-721.	2.9	6
5	Molecular characterization and functional analysis of <i>Schistosoma mekongi</i> neuroglobin homolog. <i>Acta Tropica</i> , 2022, 231, 106433.	2.0	0
6	Identification and profiling of <i>Trichinella spiralis</i> circulating antigens and proteins in sera of mice with trichinellosis. <i>PLoS ONE</i> , 2022, 17, e0265013.	2.5	9
7	Discovery of calcium-binding peptides derived from defatted lemon basil seeds with enhanced calcium uptake in human intestinal epithelial cells, Caco-2. <i>Scientific Reports</i> , 2022, 12, 4659.	3.3	16
8	Biochemical and proteomic analyses of venom from a new pit viper, <i>Protobothrops kelomohy</i> . <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2022, 28, e20210080.	1.4	2
9	Peptide of <i>Trichinella spiralis</i> Infective Larval Extract That Harnesses Growth of Human Hepatoma Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 882608.	3.9	1
10	Protein and antigen profiles of third-stage larvae of <i>Gnathostoma spinigerum</i> assessed with next-generation sequencing transcriptomic information. <i>Scientific Reports</i> , 2022, 12, 6915.	3.3	0
11	Secretome Profiling by Proteogenomic Analysis Shows Species-Specific, Temperature-Dependent, and Putative Virulence Proteins of <i>Pythium insidiosum</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 527.	3.5	2
12	Angiotensin-I converting enzyme inhibitory peptide derived from the shiitake mushroom (<i>Lentinula</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.8	18
13	Antioxidant properties of peptides obtained from the split gill mushroom (<i>Schizophyllum commune</i>). <i>Journal of Food Science and Technology</i> , 2021, 58, 680-691.	2.8	16
14	Hydrolysates from bee pollen could induced apoptosis in human bronchogenic carcinoma cells (ChaGo-K-1). <i>Journal of Food Science and Technology</i> , 2021, 58, 752-763.	2.8	7
15	<i>In vitro</i> antihypertensive activity of bioactive peptides derived from porcine blood corpuscle and plasma proteins. <i>International Journal of Food Science and Technology</i> , 2021, 56, 2315-2324.	2.7	11
16	Targeting AKT/mTOR and Bcl-2 for Autophagic and Apoptosis Cell Death in Lung Cancer: Novel Activity of a Polyphenol Compound. <i>Antioxidants</i> , 2021, 10, 534.	5.1	12
17	Potential benefits of <i>L. acidophilus</i> in dyslipidemic rats. <i>Scientific Reports</i> , 2021, 11, 6115.	3.3	6
18	Identification of Low Molecular Weight Proteins and Peptides from <i>Schistosoma mekongi</i> Worm, Egg and Infected Mouse Sera. <i>Biomolecules</i> , 2021, 11, 559.	4.0	1

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19	A Component-Resolved Therapeutic Vaccine for Cockroach Allergy Made of Per a 9 and Transforming Growth Factor- β Homologue, an Immunosuppressive Protein of <i>Brugia malayi</i> . <i>Frontiers in Immunology</i> , 2021, 12, 676558.	4.8	5
20	Allergen components of <i>Dermatophagoides farinae</i> recognised by serum immunoglobulin (Ig)E in Thai dogs with atopic dermatitis. <i>Veterinary Dermatology</i> , 2021, 32, 338.	1.2	1
21	Changes in tear protein profile in dogs with keratoconjunctivitis sicca following topical treatment using cyclosporine A. <i>Veterinary World</i> , 2021, 14, 1711-1717.	1.7	1
22	Identification of genes associated with Kikuchi-Fujimoto disease using RNA and exome sequencing. <i>Molecular and Cellular Probes</i> , 2021, 57, 101728.	2.1	4
23	Antimicrobial Peptide Modifications against Clinically Isolated Antibiotic-Resistant <i>Salmonella</i> . <i>Molecules</i> , 2021, 26, 4654.	3.8	7
24	An In Vitro Anti-Cancer Activity of <i>Ocimum tenuiflorum</i> Essential Oil by Inducing Apoptosis in Human Gastric Cancer Cell Line. <i>Medicina (Lithuania)</i> , 2021, 57, 784.	2.0	7
25	The therapeutic effects of <i>Bombyx mori</i> sericin on rat skin psoriasis through modulated epidermal immunity and attenuated cell proliferation. <i>Journal of Traditional and Complementary Medicine</i> , 2021, 11, 587-597.	2.7	10
26	Omega-5 and Gamma Gliadin are the Major Allergens in Adult-Onset IgE-Mediated Wheat Allergy: Results from Thai Cohort with Oral Food Challenge. <i>Journal of Asthma and Allergy</i> , 2021, Volume 14, 907-917.	3.4	4
27	Proteomics of Gnathostomiasis: A Way Forward for Diagnosis and Treatment Development. <i>Pathogens</i> , 2021, 10, 1080.	2.8	2
28	Synthesis of Benzoazepine Derivatives via Azide Rearrangement and Evaluation of Their Antianxiety Activities. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1449-1458.	2.8	5
29	A novel angiotensin I-converting enzyme inhibitory peptide derived from the trypsin hydrolysates of salmon bone proteins. <i>PLoS ONE</i> , 2021, 16, e0256595.	2.5	9
30	Metabolomics reveal alterations in arachidonic acid metabolism in <i>Schistosoma mekongi</i> after exposure to praziquantel. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009706.	3.0	5
31	Change in the plasma proteome associated with canine cognitive dysfunction syndrome (CCDS) in Thailand. <i>BMC Veterinary Research</i> , 2021, 17, 60.	1.9	6
32	Synthesis of Isocryptolepine-Triazole Adducts and Evaluation of Their Cytotoxic Activity. <i>ChemMedChem</i> , 2021, 16, 3750-3762.	3.2	3
33	Altered Moesin and Actin Cytoskeleton Protein Rearrangements Affect Transendothelial Permeability in Human Endothelial Cells upon Dengue Virus Infection and TNF- α Treatment. <i>Viruses</i> , 2021, 13, 2042.	3.3	4
34	A potential role of gliadin extract skin prick test in IgE-mediated wheat allergy. <i>Asian Pacific Journal of Allergy and Immunology</i> , 2021, , .	0.4	1
35	Proteomics and immunocharacterization of Asian mountain pit viper (<i>Ovophis monticola</i>) venom. <i>PLoS ONE</i> , 2021, 16, e0260496.	2.5	4
36	Immunodominance of LipL3293-272 peptides revealed by leptospirosis sera and therapeutic monoclonal antibodies. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 11-22.	3.1	5

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37	Proteomic analysis of adult <i>Schistosoma mekongi</i> somatic and excretory-secretory proteins. <i>Acta Tropica</i> , 2020, 202, 105247.	2.0	10
38	Recent advances in <i>Schistosoma mekongi</i> ecology, transcriptomics and proteomics of relevance to snail control. <i>Acta Tropica</i> , 2020, 202, 105244.	2.0	5
39	Anti-inflammatory action of two novel peptides derived from peanut worms (<i>Sipunculus</i>) Tj ETQq1 1 0.784314 $\frac{rgBT}{Overlock}$ 10	4.6	30
40	Molecular cloning and characterization of serine protease inhibitor from food-borne nematode, <i>Gnathostoma spinigerum</i> . <i>Acta Tropica</i> , 2020, 204, 105288.	2.0	2
41	Lipid profile of <i>Trichinella papuae</i> muscle-stage larvae. <i>Scientific Reports</i> , 2020, 10, 10125.	3.3	12
42	Comparative proteomic analysis of differentially expressed proteins related to phloem and xylem development in rubber tree (<i>Hevea brasiliensis</i>). <i>Trees - Structure and Function</i> , 2020, 34, 1467-1485.	1.9	1
43	ACE inhibitory peptides derived from de-fatted lemon basil seeds: optimization, purification, identification, structure-activity relationship and molecular docking analysis. <i>Food and Function</i> , 2020, 11, 8161-8178.	4.6	45
44	Lectin affinity chromatography and quantitative proteomic analysis reveal that galectin-3 is associated with metastasis in nasopharyngeal carcinoma. <i>Scientific Reports</i> , 2020, 10, 16462.	3.3	9
45	Characterization of a Novel Peptide from Pathogenic <i>Leptospira</i> and Its Cytotoxic Effect. <i>Pathogens</i> , 2020, 9, 906.	2.8	1
46	Peptides obtained from edible mushrooms: <i>Herichium erinaceus</i> offers the ability to scavenge free radicals and induce apoptosis in lung cancer cells in humans. <i>Food and Function</i> , 2020, 11, 4927-4939.	4.6	27
47	Effect of Praziquantel on <i>Schistosoma mekongi</i> Proteome and Phosphoproteome. <i>Pathogens</i> , 2020, 9, 417.	2.8	7
48	Automated Cell-Free Multiprotein Synthesis Facilitates the Identification of a Secretory, Oligopeptide Elicitor-Like, Immunoreactive Protein of the Oomycete <i>Pythium insidiosum</i> . <i>MSystems</i> , 2020, 5, .	3.8	5
49	Identification of Novel Candidate Biomarkers for Oral Squamous Cell Carcinoma Based on Whole Gene Expression Profiling. <i>Pathology and Oncology Research</i> , 2020, 26, 2315-2325.	1.9	12
50	In vitro passage alters virulence, immune activation and proteomic profiles of <i>Burkholderia pseudomallei</i> . <i>Scientific Reports</i> , 2020, 10, 8320.	3.3	10
51	Synthesis of neocryptolepines and carbocycle-fused quinolines and evaluation of their anticancer and antiplasmodial activities. <i>Bioorganic Chemistry</i> , 2020, 98, 103732.	4.1	24
52	Human Single-chain Variable Fragments Neutralize <i>Pseudomonas aeruginosa</i> Quorum Sensing Molecule, 3O-C12-HSL, and Prevent Cells From the HSL-mediated Apoptosis. <i>Frontiers in Microbiology</i> , 2020, 11, 1172.	3.5	10
53	Functional analysis of BPSS2242 reveals its detoxification role in <i>Burkholderia pseudomallei</i> under salt stress. <i>Scientific Reports</i> , 2020, 10, 10453.	3.3	6
54	Expression, purification, and characterization of the recombinant exo-1,3- β -glucanase (Exo1) of the pathogenic oomycete <i>Pythium insidiosum</i> . <i>Heliyon</i> , 2020, 6, e04237.	3.2	3

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55	Novel salivary gland allergens from tropical mosquito species and IgE reactivity in allergic patients. World Allergy Organization Journal, 2020, 13, 100099.	3.5	11
56	Venomomics and Cellular Toxicity of Thai Pit Vipers (<i>Trimeresurus macrops</i> and <i>T. hageni</i>). Toxins, 2020, 12, 54.	3.4	8
57	A novel cystatin derived from <i>Trichinella spiralis</i> suppresses macrophage-mediated inflammatory responses. PLoS Neglected Tropical Diseases, 2020, 14, e0008192.	3.0	29
58	Altered proteome of a <i>Burkholderia pseudomallei</i> mutant defective in short-chain dehydrogenase affects cell adhesion, biofilm formation and heat stress tolerance. PeerJ, 2020, 8, e8659.	2.0	2
59	Expression, purification and biological activity of monomeric insulin precursors from methylotrophic yeasts. Protein Expression and Purification, 2019, 153, 35-43.	1.3	3
60	Proteomic analysis of <i>Plasmodium falciparum</i> response to isocryptolepine derivative. PLoS ONE, 2019, 14, e0220871.	2.5	10
61	Phosphoproteomics analysis of male and female <i>Schistosoma mekongi</i> adult worms. Scientific Reports, 2019, 9, 10012.	3.3	5
62	Molecular characterization and functional analysis of the <i>Schistosoma mekongi</i> Ca ²⁺ -dependent cysteine protease (calpain). Parasites and Vectors, 2019, 12, 383.	2.5	13
63	Characterization of IgE-binding proteins in the salivary glands of <i>Simulium nigrogilvum</i> (Diptera: Tj ETQq1 1 0.784314 rgBT / Overlock	1.6	10
64	Human single-chain antibodies that neutralize <i>Pseudomonas aeruginosa</i> -exotoxin A-mediated cellular apoptosis. Scientific Reports, 2019, 9, 14928.	3.3	14
65	In vitro evaluation of anti-epidermoid cancer activity of <i>Acanthoscybra bracteatus</i> protein hydrolysate and their effects on apoptosis and cellular proteins. Oncology Letters, 2019, 18, 3128-3136.	1.8	5
66	Transcriptome and excretory-secretory proteome of infective-stage larvae of the nematode <i>Gnathostoma spinigerum</i> reveal potential immunodiagnostic targets for development. Parasite, 2019, 26, 34.	2.0	12
67	The Repurposed Drug Disulfiram Inhibits Urease and Aldehyde Dehydrogenase and Prevents In Vitro Growth of the Oomycete <i>Pythium insidiosum</i> . Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	14
68	Recombinant expression and characterization of major surface protein 4 from <i>Anaplasma marginale</i> . Acta Tropica, 2019, 197, 105047.	2.0	13
69	Free radical scavenging and anti-inflammatory potential of a protein hydrolysate derived from salmon bones on RAW 264.7 macrophage cells. Journal of the Science of Food and Agriculture, 2019, 99, 5112-5121.	3.5	22
70	Immune and immune complex-forming components of <i>Brugia malayi</i> identified by microfilaremic human sera. Experimental Parasitology, 2019, 200, 92-98.	1.2	6
71	Hepatic protein Carbonylation profiles induced by lipid accumulation and oxidative stress for investigating cellular response to non-alcoholic fatty liver disease in vitro. Proteome Science, 2019, 17, 1.	1.7	11
72	Proteomes of the female salivary glands of <i>Simulium nigrogilvum</i> and <i>Simulium nodosum</i> , the main human-biting black flies in Thailand. Acta Tropica, 2019, 194, 82-88.	2.0	4

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73	Protein Disulfide Isomerase Inhibitor Suppresses Viral Replication and Production during Antibody-Dependent Enhancement of Dengue Virus Infection in Human Monocytic Cells. <i>Viruses</i> , 2019, 11, 155.	3.3	10
74	Nitric Oxide Synthesis Inhibition and Anti-Inflammatory Effect of Polypeptide Isolated from Chicken Feather Meal in Lipopolysaccharide-Stimulated RAW 264.7 Macrophages. <i>Food Technology and Biotechnology</i> , 2019, 57, 200-212.	2.1	11
75	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
76	Beta-Expansin of Bermuda, Johnson, and Para grass pollens, is a major cross-reactive allergen for Allergic Rhinitis patients in subtropical climate. <i>Asian Pacific Journal of Allergy and Immunology</i> , 2019, 37, 30-35.	0.4	2
77	Glutathione S-transferase (GST) of American Cockroach, <i>Periplaneta americana</i> : Classes, Isoforms, and Allergenicity. <i>Scientific Reports</i> , 2018, 8, 484.	3.3	32
78	New facet of non-O1/non-O139 <i>Vibrio cholerae</i> hemolysin A: a competitive factor in the ecological niche. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	9
79	Effects of low bisphenol A concentration on protein expression profiles in an in vitro model of non-alcoholic fatty liver disease. <i>Molecular and Cellular Toxicology</i> , 2018, 14, 61-70.	1.7	5
80	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
81	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
82	Human Monoclonal scFvs that Neutralize Fibrinolytic Activity of Kaouthiagin, a Zinc-Metalloproteinase in Cobra (<i>Naja kaouthia</i>) Venom. <i>Toxins</i> , 2018, 10, 509.	3.4	1
83	Adaptive effect of sericin on hepatic mitochondrial conformation through its regulation of apoptosis, autophagy and energy maintenance: a proteomics approach. <i>Scientific Reports</i> , 2018, 8, 14943.	3.3	18
84	Plectin is Required for Transendothelial Permeability: A Model of Plectin Dysfunction in Human Endothelial Cells After TNF- α Treatment and Dengue Virus Infection. <i>Proteomics</i> , 2018, 18, e1800215.	2.2	7
85	Tregitope-linked Refined Allergen Vaccines for Immunotherapy in Cockroach Allergy. <i>Scientific Reports</i> , 2018, 8, 15480.	3.3	21
86	Mass spectrometry-based identification and whole-genome characterisation of the first pteropine orthoreovirus isolated from monkey faeces in Thailand. <i>BMC Microbiology</i> , 2018, 18, 135.	3.3	12
87	Transcriptomic analysis of male and female <i>Schistosoma mekongi</i> adult worms. <i>Parasites and Vectors</i> , 2018, 11, 504.	2.5	26
88	Anti-Inflammatory Effects of Lychee (<i>Litchi chinensis</i> Sonn.) Seed Peptide Hydrolysate on RAW 264.7 Macrophage Cells. <i>Food Biotechnology</i> , 2018, 32, 79-94.	1.5	15
89	Proteomic and immunomic analysis of <i>Schistosoma mekongi</i> egg proteins. <i>Experimental Parasitology</i> , 2018, 191, 88-96.	1.2	23
90	Disruption of endocytic trafficking protein Rab7 impairs invasiveness of cholangiocarcinoma cells. <i>Cancer Biomarkers</i> , 2017, 20, 255-266.	1.7	8

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91	Angiotensin-converting enzyme inhibitory and antioxidant peptides from digestion of larvae and pupae of Asian weaver ant, <i>Oecophylla smaragdina</i> , Fabricius. Journal of the Science of Food and Agriculture, 2017, 97, 3133-3140.	3.5	27
92	A novel bacteriocin from <i>Enterococcus faecalis</i> 478 exhibits a potent activity against vancomycin-resistant enterococci. PLoS ONE, 2017, 12, e0186415.	2.5	34
93	Antioxidant and Anti-Inflammatory Effects of Defatted Rice Bran (<i>Oryza Sativa</i> L.) Protein Hydrolysates on Raw 264.7 Macrophage Cells. Journal of Food Biochemistry, 2016, 40, 731-740.	2.9	40
94	Proteome, Allergenome, and Novel Allergens of House Dust Mite, <i>Dermatophagoides farinae</i> . Journal of Proteome Research, 2016, 15, 422-430.	3.7	25
95	Proteomics profiling of cholangiocarcinoma exosomes: A potential role of oncogenic protein transferring in cancer progression. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1989-1999.	3.8	54
96	Competition between <i>Burkholderia pseudomallei</i> and <i>B. thailandensis</i> . BMC Microbiology, 2015, 15, 56.	3.3	32
97	Protein profiling of mefloquine resistant <i>Plasmodium falciparum</i> using mass spectrometry-based proteomics. International Journal of Mass Spectrometry, 2015, 391, 82-92.	1.5	12
98	ALCAM is a Novel Cytoplasmic Membrane Protein in TNF- α Stimulated Invasive Cholangiocarcinoma Cells. Asian Pacific Journal of Cancer Prevention, 2015, 16, 3849-3856.	1.2	10
99	Mitochondrial and cytoskeletal alterations are involved in the pathogenesis of hydronephrosis in ICR/Mlac-hydro mice. International Journal of Clinical and Experimental Medicine, 2015, 8, 9192-204.	1.3	4
100	Up-regulation of AKAP13 and MAGT1 on cytoplasmic membrane in progressive hepatocellular carcinoma: a novel target for prognosis. International Journal of Clinical and Experimental Pathology, 2015, 8, 9796-811.	0.5	13
101	Specific B-cell Epitope of Per a 1: A Major Allergen of American Cockroach (<i>Periplaneta</i>) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	2.9	8
102	Ophiophagus hannah Venom: Proteome, Components Bound by <i>Naja kaouthia</i> Antivenin and Neutralization by <i>N. kaouthia</i> Neurotoxin-Specific Human ScFv. Toxins, 2014, 6, 1526-1558.	3.4	19