

# 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	Proteomics profiling of cholangiocarcinoma exosomes: A potential role of oncogenic protein transferring in cancer progression. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1989-1999.	3.8	54
2	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
3	Antioxidant and Anti-Inflammatory Effects of Defatted Rice Bran ( <i>Oryza Sativa</i> L.) Protein Hydrolysates on Raw 264.7 Macrophage Cells. <i>Journal of Food Biochemistry</i> , 2016, 40, 731-740.	2.9	40
4	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
5	A novel bacteriocin from <i>Enterococcus faecalis</i> 478 exhibits a potent activity against vancomycin-resistant enterococci. <i>PLoS ONE</i> , 2017, 12, e0186415.	2.5	34
6	Competition between <i>Burkholderia pseudomallei</i> and <i>B. thailandensis</i> . <i>BMC Microbiology</i> , 2015, 15, 56.	3.3	32
7	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
8	Anti-inflammatory action of two novel peptides derived from peanut worms ( <i>Sipunculus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	4.6	30
9	A novel cystatin derived from <i>Trichinella spiralis</i> suppresses macrophage-mediated inflammatory responses. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008192.	3.0	29
10	Angiotensin-converting enzyme inhibitory and antioxidant peptides from digestion of larvae and pupae of Asian weaver ant, <i>Oecophylla smaragdina</i> , Fabricius. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 3133-3140.	3.5	27
11	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
12	Peptides obtained from edible mushrooms: <i>Hericium 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
13	Transcriptomic analysis of male and female <i>Schistosoma mekongi</i> adult worms. <i>Parasites and Vectors</i> , 2018, 11, 504.	2.5	26
14	Proteome, Allergenome, and Novel Allergens of House Dust Mite, <i>Dermatophagoides farinae</i> . <i>Journal of Proteome Research</i> , 2016, 15, 422-430.	3.7	25
15	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
16	Proteomic and immunomic analysis of <i>Schistosoma mekongi</i> egg proteins. <i>Experimental Parasitology</i> , 2018, 191, 88-96.	1.2	23
17	Free radical scavenging and anti-inflammatory potential of a protein hydrolysate derived from salmon bones on RAW 264.7 macrophage cells. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 5112-5121.	3.5	22
18	Tregitope-linked Refined Allergen Vaccines for Immunotherapy in Cockroach Allergy. <i>Scientific Reports</i> , 2018, 8, 15480.	3.3	21

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19	Ophiophagus hannah Venom: Proteome, Components Bound by Naja kaouthia Antivenin and Neutralization by N. kaouthia Neurotoxin-Specific Human ScFv. <i>Toxins</i> , 2014, 6, 1526-1558.	3.4	19
20	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
21	Angiotensin-I converting enzyme inhibitory peptide derived from the shiitake mushroom ( <i>Lentinula</i> ) Tj ETQq1 1 0.784314 rgBT/Overlaid	2.8	18
22	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
23	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
24	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
25	Human single-chain antibodies that neutralize <i>Pseudomonas aeruginosa</i> -exotoxin A-mediated cellular apoptosis. <i>Scientific Reports</i> , 2019, 9, 14928.	3.3	14
26	The Repurposed Drug Disulfiram Inhibits Urease and Aldehyde Dehydrogenase and Prevents <i>In Vitro</i> Growth of the Oomycete <i>Pythium insidiosum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	14
27	Molecular characterization and functional analysis of the <i>Schistosoma mekongi</i> Ca <sup>2+</sup> -dependent cysteine protease (calpain). <i>Parasites and Vectors</i> , 2019, 12, 383.	2.5	13
28	Recombinant expression and characterization of major surface protein 4 from <i>Anaplasma marginale</i> . <i>Acta Tropica</i> , 2019, 197, 105047.	2.0	13
29	Up-regulation of AKAP13 and MAGT1 on cytoplasmic membrane in progressive hepatocellular carcinoma: a novel target for prognosis. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 9796-811.	0.5	13
30	Protein profiling of mefloquine resistant <i>Plasmodium falciparum</i> using mass spectrometry-based proteomics. <i>International Journal of Mass Spectrometry</i> , 2015, 391, 82-92.	1.5	12
31	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
32	Transcriptome and excretory-secretory proteome of infective-stage larvae of the nematode <i>Gnathostoma spinigerum</i> reveal potential immunodiagnostic targets for development. <i>Parasite</i> , 2019, 26, 34.	2.0	12
33	Lipid profile of <i>Trichinella papuae</i> muscle-stage larvae. <i>Scientific Reports</i> , 2020, 10, 10125.	3.3	12
34	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
35	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
36	Hepatic protein Carbonylation profiles induced by lipid accumulation and oxidative stress for investigating cellular response to non-alcoholic fatty liver disease in vitro. <i>Proteome Science</i> , 2019, 17, 1.	1.7	11

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37	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
38	Novel salivary gland allergens from tropical mosquito species and IgE reactivity in allergic patients. <i>World Allergy Organization Journal</i> , 2020, 13, 100099.	3.5	11
39	<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
40	Proteomic analysis of Plasmodium falciparum response to isocryptolepine derivative. <i>PLoS ONE</i> , 2019, 14, e0220871.	2.5	10
41	Characterization of IgE-binding proteins in the salivary glands of Simulium nigrogilvum (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 142 Td	1.6	10
42	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
43	Proteomic analysis of adult Schistosoma mekongi somatic and excretory-secretory proteins. <i>Acta Tropica</i> , 2020, 202, 105247.	2.0	10
44	In vitro passage alters virulence, immune activation and proteomic profiles of Burkholderia pseudomallei. <i>Scientific Reports</i> , 2020, 10, 8320.	3.3	10
45	Human Single-chain Variable Fragments Neutralize Pseudomonas aeruginosa 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
46	The therapeutic effects of Bombyx mori 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
47	ALCAM is a Novel Cytoplasmic Membrane Protein in TNF- $\alpha$ Stimulated Invasive Cholangiocarcinoma Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 3849-3856.	1.2	10
48	New facet of non-O1/non-O139 Vibrio cholerae hemolysin A: a competitive factor in the ecological niche. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	9
49	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
50	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
51	Identification and profiling of Trichinella spiralis circulating antigens and proteins in sera of mice with trichinellosis. <i>PLoS ONE</i> , 2022, 17, e0265013.	2.5	9
52	Specific B-cell Epitope of Per a 1: A Major Allergen of American Cockroach (<i>Periplaneta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td	2.9	8
53	Disruption of endocytic trafficking protein Rab7 impairs invasiveness of cholangiocarcinoma cells. <i>Cancer Biomarkers</i> , 2017, 20, 255-266.	1.7	8
54	Venomomics and Cellular Toxicity of Thai Pit Vipers (Trimeresurus macrops and T. hageni). <i>Toxins</i> , 2020, 12, 54.	3.4	8

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55	Plectin is Required for Transâ€Endothelial Permeability: A Model of Plectin Dysfunction in Human Endothelial Cells After TNFâ€±Treatment and Dengue Virus Infection. <i>Proteomics</i> , 2018, 18, e1800215.	2.2	7
56	Effect of Praziquantel on <i>Schistosoma mekongi</i> Proteome and Phosphoproteome. <i>Pathogens</i> , 2020, 9, 417.	2.8	7
57	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
58	Antimicrobial Peptide Modifications against Clinically Isolated Antibiotic-Resistant <i>Salmonella</i> . <i>Molecules</i> , 2021, 26, 4654.	3.8	7
59	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
60	Immune and immune complex-forming components of <i>Brugia malayi</i> identified by microfilaremic human sera. <i>Experimental Parasitology</i> , 2019, 200, 92-98.	1.2	6
61	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
62	Potential benefits of <i>L. acidophilus</i> in dyslipidemic rats. <i>Scientific Reports</i> , 2021, 11, 6115.	3.3	6
63	Cytoskeletal Alteration Is an Early Cellular Response in Pulmonary Epithelium Infected with <i>Aspergillus fumigatus</i> Rather than <i>Scedosporium apiospermum</i> . <i>Microbial Ecology</i> , 2022, 83, 216-235.	2.8	6
64	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
65	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
66	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
67	Phosphoproteomics analysis of male and female <i>Schistosoma mekongi</i> adult worms. <i>Scientific Reports</i> , 2019, 9, 10012.	3.3	5
68	In vitro evaluation of antiâ€epidermoid cancer activity of <i>Acanthus</i> bracteatus protein hydrolysate and their effects on apoptosis and cellular proteins. <i>Oncology Letters</i> , 2019, 18, 3128-3136.	1.8	5
69	Immunodominance of LipL3293â€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
70	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
71	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
72	A Component-Resolved Therapeutic Vaccine for Cockroach Allergy Made of Per a 9 and Transforming Growth Factor-Î² Homologue, an Immunosuppressive Protein of <i>Brugia malayi</i> . <i>Frontiers in Immunology</i> , 2021, 12, 676558.	4.8	5

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73	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
74	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
75	Proteomes of the female salivary glands of <i>Simulium nigrogilvum</i> and <i>Simulium nodosum</i> , the main human-biting black flies in Thailand. <i>Acta Tropica</i> , 2019, 194, 82-88.	2.0	4
76	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
77	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
78	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
79	Altered Moesin and Actin Cytoskeleton Protein Rearrangements Affect Transendothelial Permeability in Human Endothelial Cells upon Dengue Virus Infection and TNF- $\alpha$ Treatment. <i>Viruses</i> , 2021, 13, 2042.	3.3	4
80	Mitochondrial and cytoskeletal alterations are involved in the pathogenesis of hydronephrosis in ICR/Mlac-hydro mice. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 9192-204.	1.3	4
81	Proteomics and immunocharacterization of Asian mountain pit viper ( <i>Ovophis monticola</i> ) venom. <i>PLoS ONE</i> , 2021, 16, e0260496.	2.5	4
82	Expression, purification and biological activity of monomeric insulin precursors from methylotrophic yeasts. <i>Protein Expression and Purification</i> , 2019, 153, 35-43.	1.3	3
83	Expression, purification, and characterization of the recombinant exo-1,3- $\beta$ -glucanase (Exo1) of the pathogenic oomycete <i>Pythium insidiosum</i> . <i>Heliyon</i> , 2020, 6, e04237.	3.2	3
84	Synthesis of Isocryptolepine- $\alpha$ -Triazole Adducts and Evaluation of Their Cytotoxic Activity. <i>ChemMedChem</i> , 2021, 16, 3750-3762.	3.2	3
85	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
86	Proteomics of Gnathostomiasis: A Way Forward for Diagnosis and Treatment Development. <i>Pathogens</i> , 2021, 10, 1080.	2.8	2
87	Altered proteome of a <i>Burkholderia pseudomallei</i> mutant defective in short-chain dehydrogenase affects cell adhesion, biofilm formation and heat stress tolerance. <i>PeerJ</i> , 2020, 8, e8659.	2.0	2
88	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
89	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
90	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

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91	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
92	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
93	Characterization of a Novel Peptide from Pathogenic <i>Leptospira</i> and Its Cytotoxic Effect. <i>Pathogens</i> , 2020, 9, 906.	2.8	1
94	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
95	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
96	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
97	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
98	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
99	GroEL Chaperonin-Based Assay for Early Diagnosis of Scrub Typhus. <i>Diagnostics</i> , 2022, 12, 136.	2.6	0
100	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
101	Molecular characterization and functional analysis of <i>Schistosoma mekongi</i> neuroglobin homolog. <i>Acta Tropica</i> , 2022, 231, 106433.	2.0	0
102	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