

Sittiruk Roytrakul

List of Publications by Year in descending order

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Version: 2024-02-01

300
papers

3,948
citations

201674

27
h-index

243625

44
g-index

306
all docs

306
docs citations

306
times ranked

5802
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of prohibitin as a Chikungunya virus receptor protein. <i>Journal of Medical Virology</i> , 2012, 84, 1757-1770.	5.0	143
2	Activity of andrographolide against chikungunya virus infection. <i>Scientific Reports</i> , 2015, 5, 14179.	3.3	104
3	Cold plasma treatment to improve germination and enhance the bioactive phytochemical content of germinated brown rice. <i>Food Chemistry</i> , 2019, 289, 328-339.	8.2	95
4	Chikungunya in Southeast Asia: understanding the emergence and finding solutions. <i>International Journal of Infectious Diseases</i> , 2011, 15, e671-e676.	3.3	82
5	The role of hydrogen peroxide in chitosan-induced resistance to osmotic stress in rice (<i>Oryza sativa</i>) Tj ETQq1 1 0.784314 rgBT /Overl	3.4	78
6	Chitosan enhances rice seedling growth via gene expression network between nucleus and chloroplast. <i>Plant Growth Regulation</i> , 2015, 75, 101-114.	3.4	78
7	Bioavailability of angiotensin I-converting enzyme (ACE) inhibitory peptides derived from <i>Virgibacillus halodenitrificans</i> SK1-3-7 proteinases hydrolyzed tilapia muscle proteins. <i>Food Chemistry</i> , 2017, 220, 190-197.	8.2	75
8	Angiotensin converting enzyme (ACE) inhibitory peptides derived from the simulated in vitro gastrointestinal digestion of cooked chicken breast. <i>Journal of Functional Foods</i> , 2017, 29, 77-83.	3.4	63
9	Solubilization and Identification of Hen Eggshell Membrane Proteins During Different Times of Chicken Embryo Development Using the Proteomic Approach. <i>Protein Journal</i> , 2013, 32, 297-308.	1.6	61
10	Proteomic Analysis of Chikungunya Virus Infected Microglial Cells. <i>PLoS ONE</i> , 2012, 7, e34800.	2.5	58
11	Prediction of anticancer peptides against MCF-7 breast cancer cells from the peptidomes of <i>Achatina fulica</i> mucus fractions. <i>Computational and Structural Biotechnology Journal</i> , 2016, 14, 49-57.	4.1	58
12	mRNA Expression of Bax, Bcl-2, p53, Cathepsin B, Caspase-3 and Caspase-9 in the HepG2 Cell Line Following Induction by a Novel Monoclonal Ab Hep88 mAb: Cross-Talk for Paraptosis and Apoptosis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 17, 703-712.	1.2	57
13	Involvement of fatty acid synthase in dengue virus infection. <i>Virology Journal</i> , 2017, 14, 28.	3.4	54
14	Characterization and identification of angiotensin I-converting enzyme (ACE) inhibitory peptides derived from tilapia using <i>Virgibacillus halodenitrificans</i> SK1-3-7 proteinases. <i>Journal of Functional Foods</i> , 2015, 14, 435-444.	3.4	50
15	A proteomic analysis of the anti-dengue virus activity of andrographolide. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 322-332.	5.6	48
16	Isolation and identification of antioxidative peptides from hydrolysate of threadfin bream surimi processing byproduct. <i>Journal of Functional Foods</i> , 2013, 5, 1654-1664.	3.4	47
17	Production and purification of glucosamine and angiotensin-I converting enzyme (ACE) inhibitory peptides from mushroom hydrolysates. <i>Journal of Functional Foods</i> , 2017, 36, 72-83.	3.4	47
18	Physiological and comparative proteomic analyses of Thai jasmine rice and two check cultivars in response to drought stress. <i>Journal of Plant Interactions</i> , 2014, 9, 43-55.	2.1	39

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19	Transepithelial transport across Caco-2 cell monolayers of angiotensin converting enzyme (ACE) inhibitory peptides derived from simulated in vitro gastrointestinal digestion of cooked chicken muscles. <i>Food Chemistry</i> , 2018, 251, 77-85.	8.2	39
20	Evaluation of the antiviral activity of orlistat (tetrahydrolipstatin) against dengue virus, Japanese encephalitis virus, Zika virus and chikungunya virus. <i>Scientific Reports</i> , 2020, 10, 1499.	3.3	38
21	Proteomics detection of S100A6 in tumor tissue interstitial fluid and evaluation of its potential as a biomarker of cholangiocarcinoma. <i>Tumor Biology</i> , 2018, 40, 101042831876719.	1.8	37
22	Novel bioactive peptides demonstrating anti-dengue virus activity isolated from the Asian medicinal plant <i>Acacia Catechu</i> . <i>Chemical Biology and Drug Design</i> , 2019, 93, 100-109.	3.2	37
23	Comparative proteomic analysis of <i>Chlamydomonas reinhardtii</i> control and a salinity-tolerant strain revealed a differential protein expression pattern. <i>Planta</i> , 2017, 246, 843-856.	3.2	36
24	Gigantol Targets Cancer Stem Cells and Destabilizes Tumors via the Suppression of the PI3K/AKT and JAK/STAT Pathways in Ectopic Lung Cancer Xenografts. <i>Cancers</i> , 2019, 11, 2032.	3.7	33
25	Novel Chimeric Multiepitope Vaccine for Streptococcosis Disease in Nile Tilapia (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 101	3.3	33
26	Characterization of extended-spectrum- β -lactamase producing <i>Klebsiella pneumoniae</i> phage KP1801 and evaluation of therapeutic efficacy in vitro and in vivo. <i>Scientific Reports</i> , 2020, 10, 11803.	3.3	31
27	Two novel antimicrobial defensins from rice identified by gene coexpression network analyses. <i>Peptides</i> , 2016, 84, 7-16.	2.4	30
28	Comparative analysis of the <i>Spirulina platensis</i> subcellular proteome in response to low- and high-temperature stresses: uncovering cross-talk of signaling components. <i>Proteome Science</i> , 2011, 9, 39.	1.7	29
29	Potent and rapid antigonococcal activity of the venom peptide BmKn2 and its derivatives against different Maldi biotype of multidrug-resistant <i>Neisseria gonorrhoeae</i> . <i>Peptides</i> , 2014, 53, 315-320.	2.4	29
30	Chebulin: <i>Terminalia chebula</i> Retz. fruit-derived peptide with angiotensin-converting enzyme inhibitory activity. <i>Biotechnology and Applied Biochemistry</i> , 2015, 62, 746-753.	3.1	29
31	Novel Serum Biomarkers to Differentiate Cholangiocarcinoma from Benign Biliary Tract Diseases Using a Proteomic Approach. <i>Disease Markers</i> , 2015, 2015, 1-11.	1.3	29
32	OmpA signal peptide leads to heterogenous secretion of <i>B. subtilis</i> chitosanase enzyme from <i>E. coli</i> expression system. <i>SpringerPlus</i> , 2016, 5, 1200.	1.2	29
33	β -Mangostin and Apigenin Induced Cell Cycle Arrest and Programmed Cell Death in SKOV-3 Ovarian Cancer Cells. <i>Toxicological Research</i> , 2019, 35, 167-179.	2.1	29
34	Proteomic analysis of drought-responsive proteins in rice reveals photosynthesis-related adaptations to drought stress. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	2.1	28
35	Proteomic analysis of salinity-stressed <i>Chlamydomonas reinhardtii</i> revealed differential suppression and induction of a large number of important housekeeping proteins. <i>Planta</i> , 2012, 235, 649-659.	3.2	27
36	Proteomic analysis to identify plasma orosomucoid 2 and kinesin 18A as potential biomarkers of cholangiocarcinoma. <i>Cancer Biomarkers</i> , 2013, 12, 81-95.	1.7	27

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37	A Synthetic Cytokinin Improves Photosynthesis in Rice under Drought Stress by Modulating the Abundance of Proteins Related to Stomatal Conductance, Chlorophyll Contents, and Rubisco Activity. <i>Plants</i> , 2020, 9, 1106.	3.5	27
38	Young rice protein as a new source of low allergenic plant-base protein. <i>Journal of Cereal Science</i> , 2020, 93, 102970.	3.7	27
39	Comparative proteomic study of dog and human saliva. <i>PLoS ONE</i> , 2018, 13, e0208317.	2.5	26
40	Human serum enhances the proliferative capacity and immunomodulatory property of MSCs derived from human placenta and umbilical cord. <i>Stem Cell Research and Therapy</i> , 2019, 10, 79.	5.5	26
41	Potential role of an antimicrobial peptide, KLK in inhibiting lipopolysaccharide-induced macrophage inflammation. <i>PLoS ONE</i> , 2017, 12, e0183852.	2.5	26
42	Increase of exostosin 1 in plasma as a potential biomarker for opisthorchiasis-associated cholangiocarcinoma. <i>Tumor Biology</i> , 2014, 35, 1029-1039.	1.8	25
43	Reference map and comparative proteomic analysis of <i>Neisseria gonorrhoeae</i> displaying high resistance against spectinomycin. <i>Journal of Medical Microbiology</i> , 2014, 63, 371-385.	1.8	25
44	Screening of melatonin, α -tocopherol, folic acid, acetyl-L-carnitine and resveratrol for anti-dengue 2 virus activity. <i>BMC Research Notes</i> , 2018, 11, 307.	1.4	25
45	Anticancer Activities of Antimicrobial BmKn2 Peptides Against Oral and Colon Cancer Cells. <i>International Journal of Peptide Research and Therapeutics</i> , 2014, 20, 501-509.	1.9	24
46	Identification of five reptile egg whites protein using MALDI-TOF mass spectrometry and LC/MS-MS analysis. <i>Journal of Proteomics</i> , 2012, 75, 1940-1959.	2.4	23
47	Source-Identifying Biomarker Ions between Environmental and Clinical <i>Burkholderia pseudomallei</i> Using Whole-Cell Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry (MALDI-TOF MS). <i>PLoS ONE</i> , 2014, 9, e99160.	2.5	23
48	Comprehensive proteomic analysis of white blood cells from chikungunya fever patients of different severities. <i>Journal of Translational Medicine</i> , 2014, 12, 96.	4.4	23
49	The scorpion venom peptide BmKn2 induces apoptosis in cancerous but not in normal human oral cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1042-1050.	5.6	23
50	Antioxidative peptides from fish sauce by-product: Isolation and characterization. <i>Agriculture and Natural Resources</i> , 2018, 52, 460-466.	0.1	23
51	A Novel Role of Numb as A Regulator of Pro-inflammatory Cytokine Production in Macrophages in Response to Toll-like Receptor 4. <i>Scientific Reports</i> , 2015, 5, 12784.	3.3	22
52	Insights into stress responses in mandarins triggered by <i>Bacillus subtilis</i> cyclic lipopeptides and exogenous plant hormones upon <i>Penicillium digitatum</i> infection. <i>Plant Cell Reports</i> , 2019, 38, 559-575.	5.6	22
53	Urine proteomics study reveals potential biomarkers for the differential diagnosis of cholangiocarcinoma and periductal fibrosis. <i>PLoS ONE</i> , 2019, 14, e0221024.	2.5	21
54	Diagnosis of active tuberculosis and latent tuberculosis infection based on Raman spectroscopy and surface-enhanced Raman spectroscopy. <i>Tuberculosis</i> , 2020, 121, 101916.	1.9	21

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55	Comparative evaluation of 5â€“15-kDa salivary proteins from patients with different oral diseases by MALDI-TOF/TOF mass spectrometry. <i>Clinical Oral Investigations</i> , 2015, 19, 729-737.	3.0	20
56	The significance of proline and glutamate on butanol chaotropic stress in <i>Bacillus subtilis</i> 168. <i>Biotechnology for Biofuels</i> , 2017, 10, 122.	6.2	20
57	Putative salivary protein biomarkers for the diagnosis of oral lichen planus: a case-control study. <i>BMC Oral Health</i> , 2018, 18, 42.	2.3	20
58	MALDI-TOF mass spectrometry typing for predominant serovars of non-typhoidal <i>Salmonella</i> in a Thai broiler industry. <i>Food Control</i> , 2020, 113, 107188.	5.5	20
59	Proteomic analysis of salivary glands of female <i>Anopheles barbirostris</i> species A2 (Diptera: Culicidae) by two-dimensional gel electrophoresis and mass spectrometry. <i>Parasitology Research</i> , 2012, 111, 1239-1249.	1.6	19
60	Plasma Autoantibodies against Heat Shock Protein 70, Enolase 1 and Ribonuclease/Angiogenin Inhibitor 1 as Potential Biomarkers for Cholangiocarcinoma. <i>PLoS ONE</i> , 2014, 9, e103259.	2.5	19
61	Proteomic analysis of canine oral tumor tissues using MALDI-TOF mass spectrometry and in-gel digestion coupled with mass spectrometry (GeLC MS/MS) approaches. <i>PLoS ONE</i> , 2018, 13, e0200619.	2.5	19
62	Salivary proteomics of canine oral tumors using MALDI-TOF mass spectrometry and LC-tandem mass spectrometry. <i>PLoS ONE</i> , 2019, 14, e0219390.	2.5	19
63	Effects of fermentation periods on antioxidant and angiotensin I-converting enzyme inhibitory activities of peptides from fish sauce by-products. <i>LWT - Food Science and Technology</i> , 2021, 135, 110122.	5.2	19
64	Actin Interacts with Dengue Virus 2 and 4 Envelope Proteins. <i>PLoS ONE</i> , 2016, 11, e0151951.	2.5	19
65	BmKn-2 Scorpion Venom Peptide for Killing Oral Cancer Cells by Apoptosis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 2807-2811.	1.2	19
66	Protein Profiles Associated with Anoikis Resistance of Metastatic MDA-MB-231 Breast Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 17, 581-590.	1.2	19
67	Comparative proteomic analysis of two wasps venom, <i>Vespa tropica</i> and <i>Vespa affinis</i> . <i>Toxicon</i> , 2016, 119, 159-167.	1.6	18
68	Involvement of a tachylectin-like gene and its protein in pathogenesis of acute hepatopancreatic necrosis disease (AHPND) in the shrimp, <i>Penaeus monodon</i> . <i>Developmental and Comparative Immunology</i> , 2017, 76, 229-237.	2.3	18
69	Discovery and Qualification of Serum Protein Biomarker Candidates for Cholangiocarcinoma Diagnosis. <i>Journal of Proteome Research</i> , 2019, 18, 3305-3316.	3.7	18
70	Targeted transcriptional and proteomic studies explicate specific roles of <i>Bacillus subtilis</i> iturin A, fengycin, and surfactin on elicitation of defensive systems in mandarin fruit during stress. <i>PLoS ONE</i> , 2019, 14, e0217202.	2.5	18
71	Influence of collagen and some proteins on gel properties of jellyfish gelatin. <i>PLoS ONE</i> , 2021, 16, e0253254.	2.5	18
72	Comparative Proteomics of Activated THP-1 Cells Infected with <i>Mycobacterium tuberculosis</i> Identifies Putative Clearance Biomarkers for Tuberculosis Treatment. <i>PLoS ONE</i> , 2015, 10, e0134168.	2.5	18

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73	Culture degeneration in conidia of <i>Beauveria bassiana</i> and virulence determinants by proteomics. <i>Fungal Biology</i> , 2018, 122, 156-171.	2.5	17
74	Missing and overexpressing proteins in domestic cat oocytes following vitrification and in vitro maturation as revealed by proteomic analysis. <i>Biological Research</i> , 2018, 51, 27.	3.4	17
75	Phosphoproteome Profiling of Isogenic Cancer Cell-Derived Exosome Reveals HSP90 as a Potential Marker for Human Cholangiocarcinoma. <i>Proteomics</i> , 2019, 19, e1800159.	2.2	17
76	Comparative proteomics and protein profile related to phenolic compounds and antioxidant activity in germinated <i>Oryza sativa</i> KDM105™ and Thai brown rice Mali Daeng™ for better nutritional value. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 566-573.	3.5	16
77	Unveiling Putative Functions of Mucus Proteins and Their Tryptic Peptides in Seven Gastropod Species Using Comparative Proteomics and Machine Learning-Based Bioinformatics Predictions. <i>Molecules</i> , 2021, 26, 3475.	3.8	16
78	Utilization of Whole-Cell MALDI-TOF Mass Spectrometry to Differentiate <i>Burkholderia pseudomallei</i> Wild-Type and Constructed Mutants. <i>PLoS ONE</i> , 2015, 10, e0144128.	2.5	16
79	Phosphoproteomic analysis of apoptotic hematopoietic stem cells from hemoglobin E β -thalassemia. <i>Journal of Translational Medicine</i> , 2011, 9, 96.	4.4	15
80	High expression of apoptosis-inducing factor, mitochondrion-associated 3 (AIFM3) in human cholangiocarcinoma. <i>Tumor Biology</i> , 2016, 37, 13659-13667.	1.8	15
81	Nevirapine induced mitochondrial dysfunction in HepG2 cells. <i>Scientific Reports</i> , 2017, 7, 9194.	3.3	15
82	Serum Apurinic/Apyrimidinic Endodeoxyribonuclease 1 (APEX1) Level as a Potential Biomarker of Cholangiocarcinoma. <i>Biomolecules</i> , 2019, 9, 413.	4.0	15
83	A scorpion venom peptide derivative BmKn ϵ '22 with potent antibiofilm activity against <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2019, 14, e0218479.	2.5	15
84	Seasonal Variation in Diurnal Photosynthesis and Chlorophyll Fluorescence of Four Genotypes of Cassava (<i>Manihot esculenta</i> Crantz) under Irrigation Conditions in a Tropical Savanna Climate. <i>Agronomy</i> , 2019, 9, 206.	3.0	15
85	Porcine Epidemic Diarrhea Virus (PEDV) ORF3 Interactome Reveals Inhibition of Virus Replication by Cellular VPS36 Protein. <i>Viruses</i> , 2019, 11, 382.	3.3	15
86	Quercetin negatively regulates IL-1 β production in <i>Pseudomonas aeruginosa</i> -infected human macrophages through the inhibition of MAPK/NLRP3 inflammasome pathways. <i>PLoS ONE</i> , 2020, 15, e0237752.	2.5	15
87	Andrographolide and Its 14-Aryloxy Analogues Inhibit Zika and Dengue Virus Infection. <i>Molecules</i> , 2020, 25, 5037.	3.8	15
88	Salivary and serum interleukin-17A and interleukin-18 levels in patients with type 2 diabetes mellitus with and without periodontitis. <i>PLoS ONE</i> , 2020, 15, e0228921.	2.5	15
89	Matrigel induces L-plastin expression and promotes L-plastin-dependent invasion in human cholangiocarcinoma cells. <i>Oncology Letters</i> , 2014, 8, 993-1000.	1.8	14
90	Cloning, structural modelling and characterization of VesT2s, a wasp venom hyaluronidase (HAase) from <i>Vespa tropica</i> . <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2016, 22, 28.	1.4	14

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91	Metabolomic study of stress responses leading to plant resistance in mandarin fruit mediated by preventive applications of <i>Bacillus subtilis</i> cyclic lipopeptides. <i>Postharvest Biology and Technology</i> , 2019, 156, 110946.	6.0	14
92	ITS2 Sequencing and Targeted Meta-Proteomics of Infant Gut Mycobiome Reveal the Functional Role of <i>Rhodotorula</i> sp. during Atopic Dermatitis Manifestation. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 748.	3.5	14
93	Identification of bacterial pathogens in cultured fish with a custom peptide database constructed by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF MS). <i>BMC Veterinary Research</i> , 2020, 16, 52.	1.9	14
94	Comparative proteomics analysis of <i>Neisseria gonorrhoeae</i> strains in response to extended-spectrum cephalosporins. <i>EXCLI Journal</i> , 2017, 16, 1207-1229.	0.7	14
95	Endothelial Progenitor Cell Migration-Enhancing Factors in the Secretome of Placental-Derived Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2016, 2016, 1-13.	2.5	13
96	Mass spectrometric analysis of host cell proteins interacting with dengue virus nonstructural protein 1 in dengue virus-infected HepG2 cells. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 1270-1280.	2.3	13
97	Characterization and function of a tachylectin 5-like immune molecule in <i>Penaeus monodon</i> . <i>Developmental and Comparative Immunology</i> , 2017, 76, 120-131.	2.3	13
98	Characterization of a novel yeast phase-specific antigen expressed during in vitro thermal phase transition of <i>Talaromyces marneffeii</i> . <i>Scientific Reports</i> , 2020, 10, 21169.	3.3	13
99	<i>Streptococcus suis</i> serotyping by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>PLoS ONE</i> , 2021, 16, e0249682.	2.5	13
100	Identification of Salivary Gland Proteins Depleted after Blood Feeding in the Malaria Vector <i>Anopheles campestris</i> -like Mosquitoes (Diptera: Culicidae). <i>PLoS ONE</i> , 2014, 9, e90809.	2.5	13
101	Analysis of the infant gut microbiome reveals metabolic functional roles associated with healthy infants and infants with atopic dermatitis using metaproteomics. <i>PeerJ</i> , 2020, 8, e9988.	2.0	13
102	Analysis of female salivary gland proteins of the <i>Anopheles barbirostris</i> complex (Diptera: Culicidae) in Thailand. <i>Parasitology Research</i> , 2010, 107, 509-516.	1.6	12
103	Identification of reproduction-related proteins and characterization of proteasome alpha 3 and proteasome beta 6 cDNAs in testes of the giant tiger shrimp <i>Penaeus monodon</i> . <i>Molecular and Cellular Endocrinology</i> , 2012, 355, 143-152.	3.2	12
104	Evidence of plasticity in the dengue virus: Host cell interaction. <i>Microbial Pathogenesis</i> , 2015, 86, 18-25.	2.9	12
105	Milk protein profiles in response to <i>Streptococcus agalactiae</i> subclinical mastitis in dairy cows. <i>Animal Science Journal</i> , 2016, 87, 92-98.	1.4	12
106	Application of GelC-MS/MS to Proteomic Profiling of Chikungunya Virus Infection: Preparation of Peptides for Analysis. <i>Methods in Molecular Biology</i> , 2016, 1426, 179-193.	0.9	12
107	Characterization of cellulolytic enzyme system of <i>Schizophyllum commune</i> mutant and evaluation of its efficiency on biomass hydrolysis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 1289-1299.	1.3	12
108	Heterologous expression and antimicrobial activity of OsGASR3 from rice (<i>Oryza sativa</i> L.). <i>Journal of Plant Physiology</i> , 2018, 224-225, 95-102.	3.5	12

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109	Interferon gamma induces cellular protein alteration and increases replication of porcine circovirus type 2 in PK-15 cells. <i>Archives of Virology</i> , 2018, 163, 2947-2957.	2.1	12
110	Analysis of cellular proteome changes in response to ZIKV NS2B-NS3 protease expression. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 89-97.	2.3	12
111	Proteomic study of in vitro osteogenic differentiation of mesenchymal stem cells in high glucose condition. <i>Molecular Biology Reports</i> , 2020, 47, 7505-7516.	2.3	12
112	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
113	Enhanced antibacterial effect of a novel Phi29 virus phage vWU2001 in combination with colistin against carbapenem-resistant <i>Acinetobacter baumannii</i> . <i>Scientific Reports</i> , 2022, 12, 2633.	3.3	12
114	Serum pyruvate dehydrogenase kinase as a prognostic marker for cholangiocarcinoma. <i>Oncology Letters</i> , 2019, 17, 5275-5282.	1.8	11
115	Whole cell matrix assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF) Tj ETQq1 1 0.784314 rgBT /Over 2019, 13, e0007232.	3.0	11
116	Identification and Characterization of Phosphoproteins in Somatic Embryogenesis Acquisition during Oil Palm Tissue Culture. <i>Plants</i> , 2020, 9, 36.	3.5	11
117	Enhanced contextual fear memory in peroxiredoxin 6 knockout mice is associated with hyperactivation of MAPK signaling pathway. <i>Molecular Brain</i> , 2021, 14, 42.	2.6	11
118	A novel peptide isolated from garlic shows anticancer effect against leukemic cell lines via interaction with Bcl-2 family proteins. <i>Chemical Biology and Drug Design</i> , 2021, 97, 1017-1028.	3.2	11
119	Salivary gland proteome of the human malaria vector, <i>Anopheles campestris</i> -like (Diptera: Culicidae). <i>Parasitology Research</i> , 2013, 112, 1065-1075.	1.6	10
120	<i>Plasmodium vivax</i> inhibits erythroid cell growth through altered phosphorylation of the cytoskeletal protein ezrin. <i>Malaria Journal</i> , 2015, 14, 138.	2.3	10
121	Identification of rice Os4BGlu13 as a β -glucosidase which hydrolyzes gibberellin A4 1-O- β -D-glucosyl ester, in addition to tuberonic acid glucoside and salicylic acid derivative glucosides. <i>Archives of Biochemistry and Biophysics</i> , 2015, 583, 36-46.	3.0	10
122	High expression of CCDC25 in cholangiocarcinoma tissue samples. <i>Oncology Letters</i> , 2017, 14, 2566-2572.	1.8	10
123	Secretome profile analysis of multidrug-resistant, monodrug-resistant and drug-susceptible <i>Mycobacterium tuberculosis</i> . <i>Archives of Microbiology</i> , 2018, 200, 299-309.	2.2	10
124	Detecting Allergens From Black Tiger Shrimp <i>Penaeus monodon</i> That Can Bind and Cross-link IgE by ELISA, Western Blot, and a Humanized Rat Basophilic Leukemia Reporter Cell Line RS-ATL8. <i>Allergy, Asthma and Immunology Research</i> , 2018, 10, 62.	2.9	10
125	A possible protein model involved in gallium arsenide leaching by <i>Cellulosimicrobium funkei</i> . <i>Minerals Engineering</i> , 2019, 137, 207-216.	4.3	10
126	Cell surface transglutaminase required for nodavirus entry into freshwater prawn hemocytes. <i>Fish and Shellfish Immunology</i> , 2019, 89, 108-116.	3.6	10

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127	Metal complexation by histidine-rich peptides confers protective roles against cadmium stress in <i>Escherichia coli</i> as revealed by proteomics analysis. <i>PeerJ</i> , 2018, 6, e5245.	2.0	10
128	Shotgun proteomics analysis of proliferating STRO-1-positive human dental pulp cell after exposure to nacreous water-soluble matrix. <i>Clinical Oral Investigations</i> , 2015, 19, 261-270.	3.0	9
129	Mitochondrial Changes in $\hat{2}0$ -Thalassemia/Hb E Disease. <i>PLoS ONE</i> , 2016, 11, e0153831.	2.5	9
130	Differential Proteins Expressed in Rice Leaves and Grains in Response to Salinity and Exogenous Spermidine Treatments. <i>Rice Science</i> , 2016, 23, 9-21.	3.9	9
131	In-gel digestion coupled with mass spectrometry (GeLC-MS/MS)-based salivary proteomic profiling of canine oral tumors. <i>BMC Veterinary Research</i> , 2020, 16, 335.	1.9	9
132	A Novel Peptide Derived from Ginger Induces Apoptosis through the Modulation of p53, BAX, and BCL2 Expression in Leukemic Cell Lines. <i>Planta Medica</i> , 2021, 87, 560-569.	1.3	9
133	Proteomic alterations of <i>Escherichia coli</i> by paraquat. <i>EXCLI Journal</i> , 2010, 9, 108-118.	0.7	9
134	Nevirapine induces apoptosis in liver (HepG2) cells. <i>Asian Pacific Journal of Tropical Medicine</i> , 2016, 9, 547-553.	0.8	8
135	Comparative proteomic analysis of hepatopancreas in <i>Macrobrachium rosenbergii</i> responded to Poly (I:C). <i>Fish and Shellfish Immunology</i> , 2018, 75, 164-171.	3.6	8
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