

Tzi Bun Ng

List of Publications by Year in descending order

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Version: 2024-02-01

139
papers

6,750
citations

66343

42
h-index

69250

77
g-index

140
all docs

140
docs citations

140
times ranked

9676
citing authors

#	ARTICLE	IF	CITATIONS
1	A thermophilic chitinase 1602 from the marine bacterium <i>Microbulbifer</i> sp. BN3 and its high-level expression in <i>Pichia pastoris</i> . <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 1076-1085.	3.1	6
2	The mechanism of enriched environment repairing the learning and memory impairment in offspring of prenatal stress by regulating the expression of activity-regulated cytoskeletal-associated and insulin-like growth factor-2 in hippocampus. <i>Environmental Health and Preventive Medicine</i> , 2021, 26, 8.	3.4	27
3	Study on the Biocontrol Potential of Antifungal Peptides Produced by <i>Bacillus velezensis</i> against <i>Fusarium solani</i> That Infects the Passion Fruit <i>Passiflora edulis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 2051-2061.	5.2	18
4	Purification and characterization of a novel protein with activity against non-small-cell lung cancer in vitro and in vivo from the edible mushroom <i>Boletus edulis</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 174, 77-88.	7.5	22
5	Purified antioxidant from the medicinal mushroom <i>Phellinus pini</i> protects rat H9c2 cell against H ₂ O ₂ -induced oxidative stress. <i>Journal of Food Biochemistry</i> , 2021, 45, e13818.	2.9	5
6	Coating shiitake mushrooms (<i>Lentinus edodes</i>) with a polysaccharide from <i>Oudemansiella radicata</i> improves product quality and flavor during postharvest storage. <i>Food Chemistry</i> , 2021, 352, 129357.	8.2	52
7	Interrelationship among paraptosis, apoptosis and autophagy in lung cancer A549 cells induced by BEAP, an antitumor protein isolated from the edible porcini mushroom <i>Boletus edulis</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 188, 313-322.	7.5	8
8	<i>Lycium barbarum</i> polysaccharide attenuates emotional injury of offspring elicited by prenatal chronic stress in rats via regulation of gut microbiota. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112087.	5.6	11
9	Therapeutic potential of a novel prodrug of green tea extract in induction of apoptosis via ERK/JNK and Akt signaling pathway in human endometrial cancer. <i>BMC Cancer</i> , 2020, 20, 964.	2.6	19
10	A novel antitumor protein from the mushroom <i>Pholiota nameko</i> induces apoptosis of human breast adenocarcinoma MCF-7 cells in vivo and modulates cytokine secretion in mice bearing MCF-7 xenografts. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 3171-3178.	7.5	11
11	A New Laccase of Lac 2 from the White Rot Fungus <i>Cerrena unicolor</i> 6884 and Lac 2-Mediated Degradation of Aflatoxin B1. <i>Toxins</i> , 2020, 12, 476.	3.4	28
12	Expression and Characterization of a GH16 Family β -Agarase Derived from the Marine Bacterium <i>Microbulbifer</i> sp. BN3 and Its Efficient Hydrolysis of Agar Using Raw Agar-Producing Red Seaweeds <i>Gracilaria sjoestedtii</i> and <i>Gelidium amansii</i> as Substrates. <i>Catalysts</i> , 2020, 10, 885.	3.5	3
13	New ribosome-inactivating proteins and other proteins with protein synthesis-inhibiting activities. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 4211-4226.	3.6	20
14	Expression and biochemical characterization of a novel chitinase ChiT-7 from the metagenome in the soil of a mangrove tidal flat in China. <i>International Journal of Biological Macromolecules</i> , 2020, 158, 1125-1134.	7.5	14
15	Mushroom extracts and compounds with suppressive action on breast cancer: evidence from studies using cultured cancer cells, tumor-bearing animals, and clinical trials. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 4675-4703.	3.6	53
16	A Novel Ribonuclease with HIV-1 Reverse Transcriptase Inhibitory Activity Purified from the Field Blewit Mushroom <i>Lepista personata</i> (Agaricomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2020, 22, 991-1000.	1.5	2
17	Fermentation Production, Purification and Characterization of a Fungal β -galactosidase from <i>Trametes versicolor</i> and Its Synergistic Degradation of Guar Gum with Mannanase. <i>Food Science and Technology Research</i> , 2020, 26, 265-280.	0.6	1
18	Drugs for Targeted Therapies of Alzheimer's Disease. <i>Current Medicinal Chemistry</i> , 2019, 26, 335-359.	2.4	12

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19	LncRNAs with miRNAs in regulation of gastric, liver, and colorectal cancers: updates in recent years. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 4649-4677.	3.6	99
20	Peptide conjugates of lactoferricin analogues and antimicrobialsâ€”Design, chemical synthesis, and evaluation of antimicrobial activity and mammalian cytotoxicity. <i>Peptides</i> , 2019, 117, 170079.	2.4	17
21	Anti-HIV, antitumor and immunomodulatory activities of paclitaxel from fermentation broth using molecular imprinting technique. <i>AMB Express</i> , 2019, 9, 194.	3.0	13
22	Abnormal Osteoblastic Response to Leptin in Patients with Adolescent Idiopathic Scoliosis. <i>Scientific Reports</i> , 2019, 9, 17128.	3.3	7
23	Tuber Lectins with Potentially Exploitable Bioactivities. <i>Current Medicinal Chemistry</i> , 2019, 25, 5986-6001.	2.4	1
24	High-throughput amplicon sequencing demonstrates extensive diversity of xylanase genes in the sediment of soda lake Dabusu. <i>Biotechnology Letters</i> , 2019, 41, 409-418.	2.2	2
25	Apoptosis and Anti-cancer Drug Discovery: The Power of Medicinal Fungi and Plants. <i>Current Medicinal Chemistry</i> , 2019, 25, 5613-5630.	2.4	20
26	Biomedical Applications of Lectins from Traditional Chinese Medicine. <i>Current Protein and Peptide Science</i> , 2019, 20, 220-230.	1.4	5
27	Bioactive Proteins in <i>Panax notoginseng</i> Roots and Other <i>Panax</i> Species. <i>Current Protein and Peptide Science</i> , 2019, 20, 231-239.	1.4	6
28	Antifungal Proteins with Antiproliferative Activity on Cancer Cells and HIV-1 Enzyme Inhibitory Activity from Medicinal Plants and Medicinal Fungi. <i>Current Protein and Peptide Science</i> , 2019, 20, 265-276.	1.4	9
29	Research Progress of Bioactive Proteins from the Edible and Medicinal Mushrooms. <i>Current Protein and Peptide Science</i> , 2019, 20, 196-219.	1.4	30
30	Research and Development of Proteins and Peptides with Therapeutic Potential from Yam Tubers. <i>Current Protein and Peptide Science</i> , 2019, 20, 277-284.	1.4	11
31	Emerging Antitumor Activities of the Bitter Melon (<i>Momordica charantia</i>). <i>Current Protein and Peptide Science</i> , 2019, 20, 296-301.	1.4	15
32	A polysaccharide-peptide with mercury clearance activity from dried fruiting bodies of maitake mushroom <i>Grifola frondosa</i> . <i>Scientific Reports</i> , 2018, 8, 17630.	3.3	8
33	Hydrolysis of oligosaccharides by a fungal Î±-galactosidase from fruiting bodies of a wild mushroom <i>Leucopaxillus tricolor</i> . <i>Journal of Basic Microbiology</i> , 2018, 58, 1043-1052.	3.3	6
34	Overexpression of CXCR4 synergizes with LL-37 in the metastasis of breast cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3837-3846.	3.8	13
35	Identification of Steroidogenic Components Derived From <i>Gardenia jasminoides</i> Ellis Potentially Useful for Treating Postmenopausal Syndrome. <i>Frontiers in Pharmacology</i> , 2018, 9, 390.	3.5	14
36	Antimicrobial Activity of Chimera Peptides Composed of Human Neutrophil Peptide 1 (HNP-1) Truncated Analogues and Bovine Lactoferrampin. <i>Bioconjugate Chemistry</i> , 2018, 29, 3060-3071.	3.6	7

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37	A novel GH16 beta-agarase isolated from a marine bacterium, <i>Microbulbifer</i> sp. BN3 and its characterization and high-level expression in <i>Pichia pastoris</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 119, 1164-1170.	7.5	11
38	Purification and Characterization of a Novel Protease from the Inky Cap Mushroom, <i>Coprinopsis atramentaria</i> (Agaricomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2018, 20, 349-358.	1.5	4
39	Characterization of an acidic β -galactosidase from hemp (<i>Cannabis sativa</i> L.) seeds and its application in removal of raffinose family oligosaccharides (RFOs). <i>Acta Biochimica Polonica</i> , 2018, 65, 383-389.	0.5	9
40	Biochemical characteristics of a novel protease from the basidiomycete <i>Amanita virgineoides</i> . <i>Biotechnology and Applied Biochemistry</i> , 2017, 64, 532-540.	3.1	4
41	A novel polysaccharide with antioxidant, HIV protease inhibiting and HIV integrase inhibiting activities from <i>Fomitiporia punctata</i> (P. karst.) murrill (Basidiomycota, hymenochaetales). <i>International Journal of Biological Macromolecules</i> , 2017, 97, 339-347.	7.5	37
42	Purification and characterization of a novel ubiquitin-like antitumour protein with hemagglutinating and deoxyribonuclease activities from the edible mushroom <i>Ramaria botrytis</i> . <i>AMB Express</i> , 2017, 7, 47.	3.0	22
43	The medicinal and pharmaceutical importance of <i>Dendrobium</i> species. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 2227-2239.	3.6	113
44	Steroidogenic effect of Erxian decoction for relieving menopause via the p-Akt/PKB pathway in vitro and in vivo. <i>Journal of Ethnopharmacology</i> , 2017, 195, 188-195.	4.1	24
45	Therapeutic potentials of short interfering RNAs. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 7091-7111.	3.6	22
46	Immobilized <i>Cerrena</i> sp. laccase: preparation, thermal inactivation, and operational stability in malachite green decolorization. <i>Scientific Reports</i> , 2017, 7, 16429.	3.3	41
47	Isolation of a protease-resistant and pH-stable β -galactosidase displaying hydrolytic efficacy toward raffinose family oligosaccharides from the button mushroom <i>Agaricus bisporus</i> . <i>International Journal of Biological Macromolecules</i> , 2017, 104, 576-583.	7.5	24
48	Degradation of tetracycline by immobilized laccase and the proposed transformation pathway. <i>Journal of Hazardous Materials</i> , 2017, 322, 525-531.	12.4	172
49	A protease-resistant β -galactosidase from <i>Pleurotus djamor</i> with broad pH stability and good hydrolytic activity toward raffinose family oligosaccharides. <i>International Journal of Biological Macromolecules</i> , 2017, 94, 122-130.	7.5	31
50	Anti-tumor Activity of Toll-Like Receptor 7 Agonists. <i>Frontiers in Pharmacology</i> , 2017, 8, 304.	3.5	143
51	Isolation and Characterization of a <i>Phaseolus vulgaris</i> Trypsin Inhibitor with Antiproliferative Activity on Leukemia and Lymphoma Cells. <i>Molecules</i> , 2017, 22, 187.	3.8	6
52	Characterization of Polysaccharides with Antioxidant and Hepatoprotective Activities from the Edible Mushroom <i>Oudemansiella radicata</i> . <i>Molecules</i> , 2017, 22, 234.	3.8	60
53	Effect of Job Strain on Job Burnout, Mental Fatigue and Chronic Diseases among Civil Servants in the Xinjiang Uygur Autonomous Region of China. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 872.	2.6	39
54	Laccases: Production, Expression Regulation, and Applications in Pharmaceutical Biodegradation. <i>Frontiers in Microbiology</i> , 2017, 8, 832.	3.5	198

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55	Purification and characterization of a novel metalloprotease from fruiting bodies of <i>Oudemansiella radicata</i> . <i>Acta Biochimica Polonica</i> , 2017, 64, 477-483.	0.5	2
56	Antifreeze Proteins from Diverse Organisms and their Applications: An Overview. <i>Current Protein and Peptide Science</i> , 2017, 18, 262-283.	1.4	29
57	Biochemical Characteristics of Three Laccase Isoforms from the Basidiomycete <i>Pleurotus nebrodensis</i> . <i>Molecules</i> , 2016, 21, 203.	3.8	27
58	Laccase Gene Family in <i>Cerrena</i> sp. HYB07: Sequences, Heterologous Expression and Transcriptional Analysis. <i>Molecules</i> , 2016, 21, 1017.	3.8	16
59	A Thioether-stabilized α -Proline- β -Proline-induced β -Hairpin Peptide of Defense Segment Increases Its Anti- <i>Candida albicans</i> Ability. <i>ChemBioChem</i> , 2016, 17, 1416-1420.	2.6	18
60	Development and Applications of Lectins as Biological Tools in Biomedical Research. <i>Medicinal Research Reviews</i> , 2016, 36, 221-247.	10.5	101
61	Effects of maternal stress during pregnancy on learning and memory via hippocampal BDNF, Arc (Arg3.1) expression in offspring. <i>Environmental Toxicology and Pharmacology</i> , 2016, 46, 158-167.	4.0	23
62	A novel cold-adapted and highly salt-tolerant esterase from <i>Alkalibacterium</i> sp. SL3 from the sediment of a soda lake. <i>Scientific Reports</i> , 2016, 6, 19494.	3.3	52
63	A <i>Tricholoma matsutake</i> Peptide with Angiotensin Converting Enzyme Inhibitory and Antioxidative Activities and Antihypertensive Effects in Spontaneously Hypertensive Rats. <i>Scientific Reports</i> , 2016, 6, 24130.	3.3	60
64	Bovine Lactoferrampin, Human Lactoferricin, and Lactoferrin 1-11 Inhibit Nuclear Translocation of HIV Integrase. <i>Applied Biochemistry and Biotechnology</i> , 2016, 179, 1202-1212.	2.9	14
65	Degradation of dyes using crude extract and a thermostable and pH-stable laccase isolated from <i>Pleurotus nebrodensis</i> . <i>Bioscience Reports</i> , 2016, 36, .	2.4	18
66	An acidic feruloyl esterase from the mushroom <i>Lactarius hatsudake</i> : A potential animal feed supplement. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 290-295.	7.5	21
67	Ameliorating effect of Erxian decoction combined with <i>Fructus Schisandrae chinensis</i> (Wu Wei Zi) on menopausal sweating and serum hormone profiles in a rat model. <i>Chinese Medicine</i> , 2016, 11, 47.	4.0	2
68	Marine shells: Potential opportunities for extraction of functional and health-promoting materials. <i>Critical Reviews in Environmental Science and Technology</i> , 2016, 46, 1047-1116.	12.8	88
69	Fungal proteinaceous compounds with multiple biological activities. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 6601-6617.	3.6	13
70	Physicochemical Properties and Bioactivity of Extracts from the Roe of New Zealand Hoki and Southern Blue Whiting. <i>Journal of Aquatic Food Product Technology</i> , 2016, 25, 1234-1248.	1.4	5
71	Snake venom toxins: toxicity and medicinal applications. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 6165-6181.	3.6	91
72	A hemagglutinin isolated from Northeast China black beans induced mitochondrial dysfunction and apoptosis in colorectal cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 2201-2211.	4.1	12

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73	Two legume defense proteins suppress the mobility of nasopharyngeal carcinoma cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1328-1334.	5.2	2
74	Marine natural products with anti-inflammatory activity. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 1645-1666.	3.6	74
75	Shiga toxins: from structure and mechanism to applications. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 1597-1610.	3.6	55
76	<i>Boletus edulis</i> Nitrite Reductase Reduces Nitrite Content of Pickles and Mitigates Intoxication in Nitrite-intoxicated Mice. <i>Scientific Reports</i> , 2015, 5, 14907.	3.3	7
77	A Novel, Stable, Estradiol-Stimulating, Osteogenic Yam Protein with Potential for the Treatment of Menopausal Syndrome. <i>Scientific Reports</i> , 2015, 5, 10179.	3.3	18
78	Lectins with Anti-HIV Activity: A Review. <i>Molecules</i> , 2015, 20, 648-668.	3.8	92
79	Hydrolysis of Oligosaccharides by a Thermostable α -Galactosidase from <i>Termitomyces eurrhizus</i> . <i>International Journal of Molecular Sciences</i> , 2015, 16, 29226-29235.	4.1	14
80	Chitosan: An Update on Potential Biomedical and Pharmaceutical Applications. <i>Marine Drugs</i> , 2015, 13, 5156-5186.	4.6	908
81	Isolation of an Angiotensin I-Converting Enzyme Inhibitory Protein with Antihypertensive Effect in Spontaneously Hypertensive Rats from the Edible Wild Mushroom <i>Leucopaxillus tricolor</i> . <i>Molecules</i> , 2015, 20, 10141-10153.	3.8	18
82	Laccase-Catalyzed Decolorization of Malachite Green: Performance Optimization and Degradation Mechanism. <i>PLoS ONE</i> , 2015, 10, e0127714.	2.5	68
83	Marine Peptides: Bioactivities and Applications. <i>Marine Drugs</i> , 2015, 13, 4006-4043.	4.6	271
84	A Fungal α -Galactosidase from <i>Tricholoma matsutake</i> with Broad Substrate Specificity and Good Hydrolytic Activity on Raffinose Family Oligosaccharides. <i>Molecules</i> , 2015, 20, 13550-13562.	3.8	19
85	Evaluation of Chemical Constituents and Important Mechanism of Pharmacological Biology in <i>Dendrobium</i> Plants. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-25.	1.2	97
86	Plant antifungal proteins and their applications in agriculture. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 4961-4981.	3.6	53
87	Isolation of a Hemagglutinin with Potent Antiproliferative Activity and a Large Antifungal Defensin from <i>Phaseolus vulgaris</i> cv. Hokkaido Large Pinto Beans. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 5439-5448.	5.2	11
88	A dimeric <i>Phaseolus coccineus</i> lectin with anti-oxidative, anti-proliferative and cytokine-inducing activities. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 960-966.	7.5	14
89	Antiviral activities of whey proteins. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 6997-7008.	3.6	71
90	Purification and Characterization of a Novel Hemagglutinin with Inhibitory Activity toward Osteocarcinoma Cells from Northeast China Black Beans. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 3903-3914.	5.2	7

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91	A novel laccase from basidiomycete <i>Cerrena</i> sp.: Cloning, heterologous expression, and characterization. <i>International Journal of Biological Macromolecules</i> , 2015, 77, 344-349.	7.5	41
92	Lectins with Potential for Anti-Cancer Therapy. <i>Molecules</i> , 2015, 20, 3791-3810.	3.8	175
93	Antibacterial products of marine organisms. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 4145-4173.	3.6	30
94	Lectins from Edible Mushrooms. <i>Molecules</i> , 2015, 20, 446-469.	3.8	60
95	Proteins, peptides, polysaccharides, and nucleotides with inhibitory activity on human immunodeficiency virus and its enzymes. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10399-10414.	3.6	10
96	A research agenda for aging in China in the 21st century. <i>Ageing Research Reviews</i> , 2015, 24, 197-205.	10.9	374
97	Biological activities of ribosome-inactivating proteins and their possible applications as antimicrobial, anticancer, and anti-pest agents and in neuroscience research. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 9847-9863.	3.6	28
98	Asymbiotic in vitro seed propagation of <i>Dendrobium</i> . <i>Plant Cell Reports</i> , 2015, 34, 1685-1706.	5.6	40
99	Purification and Characterization of a Lectin from Green Split Peas (<i>Pisum sativum</i>). <i>Applied Biochemistry and Biotechnology</i> , 2015, 177, 1374-1385.	2.9	16
100	Laccase Production and Differential Transcription of Laccase Genes in <i>Cerrena</i> sp. in Response to Metal Ions, Aromatic Compounds, and Nutrients. <i>Frontiers in Microbiology</i> , 2015, 6, 1558.	3.5	57
101	Isolation and Characterization of a Ubiquitin-Like Ribonuclease from the Cultured Deep Root Mushroom, <i>Oudemansiella radicata</i> (Higher Basidiomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2015, 17, 1037-1045.	1.5	5
102	Purification and Characterization of a Novel Laccase from <i>Cerrena</i> sp. HYB07 with Dye Decolorizing Ability. <i>PLoS ONE</i> , 2014, 9, e110834.	2.5	53
103	High Phylogenetic Diversity of Glycosyl Hydrolase Family 10 and 11 Xylanases in the Sediment of Lake Dabusu in China. <i>PLoS ONE</i> , 2014, 9, e112798.	2.5	12
104	Isolation and Characterization of a Novel Lectin from the Edible Mushroom <i>Stropharia rugosoannulata</i> . <i>Molecules</i> , 2014, 19, 19880-19891.	3.8	38
105	Chinese bystanders in medical emergencies: apathetic or bewildered?. <i>Emergency Medicine Journal</i> , 2014, 31, 698-699.	1.0	1
106	Purification and characterization of a novel antitumor protein with antioxidant and deoxyribonuclease activity from edible mushroom <i>Pholiota nameko</i> . <i>Biochimie</i> , 2014, 99, 28-37.	2.6	33
107	First report on isolation of methyl gallate with antioxidant, anti-HIV-1 and HIV-1 enzyme inhibitory activities from a mushroom (<i>Pholiota adiposa</i>). <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 626-637.	4.0	46
108	Antifungal and antiviral products of marine organisms. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 3475-3494.	3.6	81

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109	Chronic unpredictable mild stress impairs erythrocyte immune function and changes T-lymphocyte subsets in a rat model of stress-induced depression. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 414-422.	4.0	18
110	Simultaneous determination of berberine and palmatine in human plasma and in urine by capillary electrophoresis combined with polypropylene hollow fiber liquid-liquid microextraction. <i>Analytical Methods</i> , 2014, 6, 7928-7934.	2.7	14
111	Hepatitis B virus X protein promotes hepatocellular carcinoma transformation through interleukin-6 activation of microRNA-21 expression. <i>European Journal of Cancer</i> , 2014, 50, 2560-2569.	2.8	61
112	Bioactive proteins and peptides isolated from Chinese medicines with pharmaceutical potential. <i>Chinese Medicine</i> , 2014, 9, 19.	4.0	36
113	Preferential cytotoxicity of the type I ribosome inactivating protein alpha-momorcharin on human nasopharyngeal carcinoma cells under normoxia and hypoxia. <i>Biochemical Pharmacology</i> , 2014, 89, 329-339.	4.4	44
114	Isolation and Characterization of a Novel Mannose- and Fructose-Binding Lectin from the Edible Wild Mushroom <i>Hygrophorus russula</i> (Fr.) QuÄ. <i>Food Science and Technology Research</i> , 2014, 20, 1101-1108.	0.6	3
115	Banana Lectin: A Brief Review. <i>Molecules</i> , 2014, 19, 18817-18827.	3.8	26
116	Di-(2-ethylhexyl) phthalate inhibits DNA replication leading to hyperPARylation, SIRT1 attenuation and mitochondrial dysfunction in the testis. <i>Scientific Reports</i> , 2014, 4, 6434.	3.3	47
117	Isolation and Characterization of a Lectin from Japanese Mottled Beans. <i>Protein and Peptide Letters</i> , 2014, 21, 696-704.	0.9	2
118	Purification and characterization of antioxidant components from the fruiting bodies of <i>Pleurotus abalonus</i> including 9-beta-d-ribofuranosidoadenine, 5&e2;-deoxy-5&e2;-(methylthio)adenosine, and a triterpenoid. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 689-696.	4.0	4
119	Differential inhibitory potencies and mechanisms of the type I ribosome inactivating protein marmorin on estrogen receptor (ER)-positive and ER-negative breast cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 987-996.	4.1	28
120	Isolation of a phytase with distinctive characteristics from an edible mushroom, <i>Pleurotus eryngii</i> . <i>Protein and Peptide Letters</i> , 2013, 20, 459-66.	0.9	6
121	<i>Momordica Charantia</i> Lectin, a Type II Ribosome Inactivating Protein, Exhibits Antitumor Activity toward Human Nasopharyngeal Carcinoma Cells <i>In Vitro</i> and <i>In Vivo</i> . <i>Cancer Prevention Research</i> , 2012, 5, 109-121.	1.5	88
122	Pharmacotherapy approaches to antifungal prophylaxis. <i>Expert Opinion on Pharmacotherapy</i> , 2012, 13, 1695-1705.	1.8	16
123	Review of research on <i>Dendrobium</i> , a prized folk medicine. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 1795-1803.	3.6	308
124	Isolation of a polysaccharide with antiproliferative, hypoglycemic, antioxidant and HIV-1 reverse transcriptase inhibitory activities from the fruiting bodies of the abalone mushroom <i>Pleurotus abalonus</i> . <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 825-832.	2.4	48
125	Cordymin, an antifungal peptide from the medicinal fungus <i>Cordyceps militaris</i> . <i>Phytomedicine</i> , 2011, 18, 387-392.	5.3	88
126	Lectins: production and practical applications. <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 45-55.	3.6	234

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127	Glyceollin, a soybean phytoalexin with medicinal properties. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 59-68.	3.6	46
128	Immunoregulatory and anti-HIV-1 enzyme activities of antioxidant components from lotus (<i>Nelumbo Tj ETQq0 0 0 rgBT /Qyerlock 10	2.4	30
129	A novel lectin with highly potent antiproliferative and HIV-1 reverse transcriptase inhibitory activities from the edible wild mushroom <i>Russula delica</i> . <i>Glycoconjugate Journal</i> , 2010, 27, 259-265.	2.7	44
130	A Novel Lectin with Antiproliferative and HIV-1 Reverse Transcriptase Inhibitory Activities from Dried Fruiting Bodies of the Monkey Head Mushroom<i>Hericium erinaceum</i>. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-9.	3.0	47
131	Hypotensive Activity of the Pineal Indoleamine Hormones Melatonin, 5-Methoxytryptophol and 5-Methoxytryptamine. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 86, 125-128.	0.0	0
132	A stable trypsin inhibitor from Chinese dull black soybeans with potentially exploitable activities. <i>Process Biochemistry</i> , 2008, 43, 992-998.	3.7	23
133	Suppression of HIV replication using RNA interference against HIV-1 integrase. <i>FEBS Letters</i> , 2007, 581, 3253-3259.	2.8	14
134	Calcaelin, a New Protein with Translation-Inhibiting, Antiproliferative and Antimitogenic Activities from the Mosaic Puffball Mushroom<i>Calvatia caelata</i>. <i>Planta Medica</i> , 2003, 69, 212-217.	1.3	44
135	Luffangulin, a novel ribosome inactivating peptide from ridge gourd (<i>Luffa acutangula</i>) seeds. <i>Life Sciences</i> , 2002, 70, 899-906.	4.3	26
136	Isolation and characterization of velutin, a novel low-molecular-weight ribosome-inactivating protein from winter mushroom (<i>Flammulina velutipes</i>) fruiting bodies. <i>Life Sciences</i> , 2001, 68, 2151-2158.	4.3	97
137	Purification and Characterization of Novel Ribosome Inactivating Proteins, Alpha- and Beta-Pisavins, from Seeds of the Garden Pea<i>Pisum Sativum</i>. <i>Biochemical and Biophysical Research Communications</i> , 1998, 253, 135-142.	2.1	184
138	Polysaccharopeptide from <i>Coriolus versicolor</i> has potential for use against human immunodeficiency virus type 1 infection. <i>Life Sciences</i> , 1997, 60, PL383-PL387.	4.3	61
139	Î±-Kirilowin, a novel ribosome-inactivating protein from seeds of <i>Trichosanthes kirilowii</i> (family) Tj ETQq1 1 0.784314 rgBT /Qyerlock 10 Peptide and Protein Research, 1996, 47, 103-109.	0.1	16