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List of Publications by Year
in descending order

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63	1,733	293460	340414
papers	citations	24 h-index	39 g-index

63	63	63	2285
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel approach using growth curve analysis to distinguish between antimicrobial and anti-biofilm activities against Salmonella. International Journal of Food Microbiology, 2022, 364, 109520.	2.1	11
2	Characterisation of a new cell wall teichoic acid produced by Listeria innocua Å½M39 and analysis of its biosynthesis genes. Carbohydrate Research, 2022, 511, 108499.	1.1	2
3	Listeria innocua Biofilm Assay Using NanoLuc Luciferase. Bio-protocol, 2022, 12, e4308.	0.2	0
4	The fungal Clitocybe nebularis lectin binds distinct cell surface glycoprotein receptors to induce cell death selectively in Jurkat cells. FASEB Journal, 2022, 36, e22215.	0.2	1
5	Cocaprins, Î²-Trefoil Fold Inhibitors of Cysteine and Aspartic Proteases from Coprinopsis cinerea. International Journal of Molecular Sciences, 2022, 23, 4916.	1.8	3
6	Mycorrhizaâ€induced mycocypins of Laccaria bicolor are potent protease inhibitors with nematotoxic and collembola antifeedant activity. Environmental Microbiology, 2022, 24, 4607-4622.	1.8	2
7	Lectin-Mediated Binding of Engineered Lactococcus lactis to Cancer Cells. Microorganisms, 2021, 9, 223.	1.6	5
8	Expression of NanoLuc Luciferase in Listeria innocua for Development of Biofilm Assay. Frontiers in Microbiology, 2021, 12, 636421.	1.5	7
9	The Essentials of Marine Biotechnology. Frontiers in Marine Science, 2021, 8, .	1.2	75
10	The role of the Listeria monocytogenes surfactome in biofilm formation. Microbial Biotechnology, 2021, 14, 1269-1281.	2.0	15
11	Extracellular Cystatin F Is Internalised by Cytotoxic T Lymphocytes and Decreases Their Cytotoxicity. Cancers, 2020, 12, 3660.	1.7	7
12	A New Network for the Advancement of Marine Biotechnology in Europe and Beyond. Frontiers in Marine Science, 2020, 7, .	1.2	22
13	L-Amino Acid Oxidases From Mushrooms Show Antibacterial Activity Against the Phytopathogen Ralstonia solanacearum. Frontiers in Microbiology, 2020, 11, 977.	1.5	11
14	The role of cysteine peptidases in coronavirus cell entry and replication: The therapeutic potential of cathepsin inhibitors. PLoS Pathogens, 2020, 16, e1009013.	2.1	77
15	First evidence of cholinesterase-like activity in Basidiomycota. PLoS ONE, 2019, 14, e0216077.	1.1	9
16	CNLâ€“Clitocybe nebularis Lectinâ€”The Fungal GalNAcÎ²1-4GlcNAc-Binding Lectin. Molecules, 2019, 24, 4204.	1.7	6
17	Bidirectional Propagation of Signals and Nutrients in Fungal Networks via Specialized Hyphae. Current Biology, 2019, 29, 217-228.e4.	1.8	82
18	Increased cystatin F levels correlate with decreased cytotoxicity of cytotoxic T cells. Radiology and Oncology, 2019, 53, 57-68.	0.6	18

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19	?-Trefoil Protease Inhibitors Unique to Higher Fungi. Acta Chimica Slovenica, 2019, 66, 28-36.	0.2	2
20	Different response of acetylcholinesterases in salt- and detergent-soluble fractions of honeybee haemolymph, head and thorax after exposure to diazinon. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2018, 205, 8-14.	1.3	10
21	Cystatin F as a regulator of immune cell cytotoxicity. Cancer Immunology, Immunotherapy, 2018, 67, 1931-1938.	2.0	29
22	Aqueous Extracts of Wild Mushrooms Show Antimicrobial and Antiadhesion Activities against Bacteria and Fungi. Phytotherapy Research, 2017, 31, 1971-1976.	2.8	15
23	Higher fungi are a rich source of l-amino acid oxidases. 3 Biotech, 2017, 7, 230.	1.1	6
24	Cystatins, cysteine peptidase inhibitors, as regulators of immune cell cytotoxicity. Periodicum Biologorum, 2017, 118, .	0.1	8
25	Trypsin-specific Inhibitors from the Macrolepiota procera, Armillaria mellea and Amanita phalloides wild mushrooms.. Acta Biochimica Polonica, 2017, 64, 21-24.	0.3	2
26	Cystatin F Affects Natural Killer Cell Cytotoxicity. Frontiers in Immunology, 2017, 8, 1459.	2.2	44
27	Fungal lectin MpL enables entry of protein drugs into cancer cells and their subcellular targeting. Oncotarget, 2017, 8, 26896-26910.	0.8	22
28	Fungal Protease Inhibitors. , 2017, , 853-885.		0
29	Medicinal Properties of the Genus Clitocybe and of Lectins from the Clouded Funnel Cap Mushroom, C. nebularis (Agaricomycetes): A Review. International Journal of Medicinal Mushrooms, 2016, 18, 965-975.	0.9	9
30	Antibacterial Activity of Wild Mushroom Extracts on Bacterial Wilt Pathogen Ralstonia solanacearum. Plant Disease, 2016, 100, 453-464.	0.7	11
31	Cytotoxic L-amino-acid oxidases from Amanita phalloides and Clitocybe geotropa induce caspase-dependent apoptosis. Cell Death Discovery, 2016, 2, 16021.	2.0	16
32	The response of aminopeptidases of Phaseolus vulgaris to drought depends on the developmental stage of the leaves. Plant Physiology and Biochemistry, 2016, 109, 326-336.	2.8	9
33	Entomotoxic and nematotoxic lectins and protease inhibitors from fungal fruiting bodies. Applied Microbiology and Biotechnology, 2016, 100, 91-111.	1.7	60
34	Clitocypin, a fungal cysteine protease inhibitor, exerts its insecticidal effect on Colorado potato beetle larvae by inhibiting their digestive cysteine proteases. Pesticide Biochemistry and Physiology, 2015, 122, 59-66.	1.6	32
35	Î²-Trefoil structure enables interactions between lectins and protease inhibitors that regulate their biological functions. Journal of Biochemistry, 2015, 158, 83-90.	0.9	20
36	Fungal Protease Inhibitors. , 2015, , 1-33.		1

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37	Cysteine Cathepsins as Regulators of the Cytotoxicity of NK and T Cells. Frontiers in Immunology, 2014, 5, 616.	2.2	73
38	Probing bacterialâ€“fungal interactions at the single cell level. Integrative Biology (United Kingdom), 2014, 6, 935-945.	0.6	73
39	Fungal Î²-trefoil trypsin inhibitors cnispin and cospin demonstrate the plasticity of the Î²-trefoil fold. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 1749-1756.	1.1	12
40	A novel Î²â€trefoil lectin from the parasol mushroom (MacrolepiotaÂprocera) is nematotoxic. FEBS Journal, 2014, 281, 3489-3506.	2.2	33
41	Desiccation tolerance of the resurrection plant Ramonda serbica is associated with dehydration-dependent changes in levels of proteolytic activities. Journal of Plant Physiology, 2014, 171, 998-1002.	1.6	13
42	Expression of a hepatitis A virus antigen in Lactococcus lactis and Escherichia coli and evaluation of its immunogenicity. Applied Microbiology and Biotechnology, 2013, 97, 4333-4342.	1.7	17
43	Characterization of two novel subtilases from common bean (Phaseolus vulgaris L.) and their responses to drought. Plant Physiology and Biochemistry, 2013, 62, 79-87.	2.8	23
44	Inhibition of the Growth of Colorado Potato Beetle Larvae by Macrocypins, Protease Inhibitors from the Parasol Mushroom. Journal of Agricultural and Food Chemistry, 2013, 61, 12499-12509.	2.4	26
45	Î²-Trefoil inhibitors â€“ from the work of Kunitz onward. Biological Chemistry, 2012, 393, 1043-1054.	1.2	34
46	Structural Basis of Trypsin Inhibition and Entomotoxicity of Cospin, Serine Protease Inhibitor Involved in Defense of Coprinopsis cinerea Fruiting Bodies. Journal of Biological Chemistry, 2012, 287, 3898-3907.	1.6	46
47	The Value of Fungal Protease Inhibitors in Affinity Chromatography. , 2012, , .		1
48	Bivalent Carbohydrate Binding Is Required for Biological Activity of Clitocybe nebularis Lectin (CNL), the N,Nâ€²-Diacetyllactosediamine (GalNAcÎ²1â€“4GlcNAc, LacdiNAc)-specific Lectin from Basidiomycete C. nebularis. Journal of Biological Chemistry, 2012, 287, 10602-10612.	1.6	51
49	Proteins of higher fungi â€“ from forest to application. Trends in Biotechnology, 2012, 30, 259-273.	4.9	129
50	Microbial and fungal protease inhibitorsâ€”current and potential applications. Applied Microbiology and Biotechnology, 2012, 93, 1351-1375.	1.7	126
51	Protease inhibitors clitocypin and macrocypin are differentially expressed within basidiomycete fruiting bodies. Biochimie, 2011, 93, 1685-1693.	1.3	14
52	Basidiomycete Clitocybe nebularis is rich in lectins with insecticidal activities. Applied Microbiology and Biotechnology, 2011, 91, 1141-1148.	1.7	46
53	Versatile Loops in Mycocypins Inhibit Three Protease Families. Journal of Biological Chemistry, 2010, 285, 308-316.	1.6	55
54	Trypsin-specific inhibitors from the basidiomycete Clitocybe nebularis with regulatory and defensive functions. Microbiology (United Kingdom), 2009, 155, 3971-3981.	0.7	39

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55	Macrocypins, a family of cysteine protease inhibitors from the basidiomycete Macrolepiotaâ€ƒprocera. FEBS Journal, 2009, 276, 4334-4345.	2.2	44
56	Purification, characterization and cloning of a ricin B-like lectin from mushroom Clitocybe nebularis with antiproliferative activity against human leukemic T cells. Biochimica Et Biophysica Acta - General Subjects, 2009, 1790, 173-181.	1.1	98
57	Structural studies of mycocypins, a new family of cysteine protease inhibitors. Acta Crystallographica Section A: Foundations and Advances, 2009, 65, s136-s136.	0.3	1
58	Comparison of natural and recombinant clitocypins, the fungal cysteine protease inhibitors. Protein Expression and Purification, 2007, 53, 104-111.	0.6	29
59	Basidiomycetes harbour a hidden treasure of proteolytic diversity. Journal of Biotechnology, 2007, 128, 297-307.	1.9	44
60	Crystallization and preliminary X-ray crystallographic analysis of the cysteine protease inhibitor clitocypin. Acta Crystallographica Section F: Structural Biology Communications, 2006, 62, 10-12.	0.7	2
61	Heterogeneity in the cysteine protease inhibitor clitocypin gene family. Biological Chemistry, 2006, 387, 1559-66.	1.2	21
62	Nef Binds p6* in GagPol during Replication of Human Immunodeficiency Virus Type 1. Journal of Virology, 2004, 78, 5311-5323.	1.5	29
63	Î²-Trefoil Protease Inhibitors Unique to Higher Fungi. Acta Chimica Slovenica, 0, , 28-36.	0.2	5