

Marilyn A Anderson

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158
papers

10,149
citations

57
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98
g-index

162
ext. papers

11,665
ext. citations

8.1
avg, IF

6.16
L-index

#	Paper	IF	Citations
158	Style self-incompatibility gene products of <i>Nicotiana alata</i> are ribonucleases. <i>Nature</i> , 1989 , 342, 955-7	50.4	631
157	Cloning of cDNA for a stylar glycoprotein associated with expression of self-incompatibility in <i>Nicotiana alata</i> . <i>Nature</i> , 1986 , 321, 38-44	50.4	432
156	Biosynthesis and insecticidal properties of plant cyclotides: the cyclic knotted proteins from <i>Oldenlandia affinis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 10614-9	11.5	411
155	Defensins--components of the innate immune system in plants. <i>Current Protein and Peptide Science</i> , 2005 , 6, 85-101	2.8	332
154	Antimicrobial host defence peptides: functions and clinical potential. <i>Nature Reviews Drug Discovery</i> , 2020 , 19, 311-332	64.1	325
153	Self-incompatibility in <i>Nicotiana alata</i> involves degradation of pollen rRNA. <i>Nature</i> , 1990 , 347, 757-760	50.4	323
152	Sequence variability of three alleles of the self-incompatibility gene of <i>Nicotiana alata</i> . <i>Plant Cell</i> , 1989 , 1, 483-91	11.6	212
151	Isolation, solution structure, and insecticidal activity of kalata B2, a circular protein with a twist: do Möbius strips exist in nature?. <i>Biochemistry</i> , 2005 , 44, 851-60	3.2	199
150	Proteinase inhibitors in <i>Nicotiana alata</i> stigmas are derived from a precursor protein which is processed into five homologous inhibitors. <i>Plant Cell</i> , 1993 , 5, 203-13	11.6	199
149	Solution structures by 1H NMR of the novel cyclic trypsin inhibitor SFTI-1 from sunflower seeds and an acyclic permutant. <i>Journal of Molecular Biology</i> , 2001 , 311, 579-91	6.5	195
148	An asparaginyl endopeptidase mediates in vivo protein backbone cyclization. <i>Journal of Biological Chemistry</i> , 2007 , 282, 29721-8	5.4	182
147	Transforming growth factor(s) production enables cells to grow in the absence of serum: an autocrine system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1982 , 79, 485-9	11.5	180
146	Self-incompatibility: a self-recognition system in plants. <i>Science</i> , 1990 , 250, 937-41	33.3	177
145	Isolation and properties of floral defensins from ornamental tobacco and petunia. <i>Plant Physiology</i> , 2003 , 131, 1283-93	6.6	167
144	Properties and mechanisms of action of naturally occurring antifungal peptides. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 3545-70	10.3	166
143	Plant cyclotides disrupt epithelial cells in the midgut of lepidopteran larvae. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 1221-5	11.5	166
142	A new substrate for investigating the specificity of beta-glucan hydrolases. <i>FEBS Letters</i> , 1975 , 52, 202-73,8		161

141	The plant defensin, NaD1, enters the cytoplasm of <i>Fusarium oxysporum</i> hyphae. <i>Journal of Biological Chemistry</i> , 2008 , 283, 14445-52	5.4	149
140	Biosynthesis of circular proteins in plants. <i>Plant Journal</i> , 2008 , 53, 505-15	6.9	148
139	Efficient backbone cyclization of linear peptides by a recombinant asparaginyl endopeptidase. <i>Nature Communications</i> , 2015 , 6, 10199	17.4	143
138	Loss of a histidine residue at the active site of S-locus ribonuclease is associated with self-compatibility in <i>Lycopersicon peruvianum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 6511-4	11.5	132
137	Discovery of cyclotides in the fabaceae plant family provides new insights into the cyclization, evolution, and distribution of circular proteins. <i>ACS Chemical Biology</i> , 2011 , 6, 345-55	4.9	130
136	Permeabilization of fungal hyphae by the plant defensin NaD1 occurs through a cell wall-dependent process. <i>Journal of Biological Chemistry</i> , 2010 , 285, 37513-20	5.4	129
135	Insecticidal plant cyclotides and related cystine knot toxins. <i>Toxicon</i> , 2007 , 49, 561-75	2.8	124
134	Phosphoinositide-mediated oligomerization of a defensin induces cell lysis. <i>ELife</i> , 2014 , 3, e01808	8.9	117
133	ENZYMATIC DETERMINATION OF 1,3:1,4- β -GLUCANS IN BARLEY GRAIN AND OTHER CEREALS <i>Journal of the Institute of Brewing</i> , 1978 , 84, 233-239	2	116
132	The three-dimensional solution structure of NaD1, a new floral defensin from <i>Nicotiana glauca</i> and its application to a homology model of the crop defense protein α FAFP. <i>Journal of Molecular Biology</i> , 2003 , 325, 175-88	6.5	114
131	High-affinity cyclic peptide matriptase inhibitors. <i>Journal of Biological Chemistry</i> , 2013 , 288, 13885-96	5.4	110
130	Conserved structural and sequence elements implicated in the processing of gene-encoded circular proteins. <i>Journal of Biological Chemistry</i> , 2004 , 279, 46858-67	5.4	107
129	A style-specific 120-kDa glycoprotein enters pollen tubes of <i>Nicotiana glauca</i> in vivo. <i>Sexual Plant Reproduction</i> , 1996 , 9, 75-86		106
128	Coexpression of potato type I and II proteinase inhibitors gives cotton plants protection against insect damage in the field. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 15011-5	11.5	102
127	Plant defensins: Common fold, multiple functions. <i>Fungal Biology Reviews</i> , 2013 , 26, 121-131	6.8	101
126	A style-specific hydroxyproline-rich glycoprotein with properties of both extensins and arabinogalactan proteins. <i>Plant Journal</i> , 1994 , 6, 491-502	6.9	100
125	A novel plant protein-disulfide isomerase involved in the oxidative folding of cystine knot defense proteins. <i>Journal of Biological Chemistry</i> , 2007 , 282, 20435-46	5.4	96
124	Gametophytic Self-Incompatibility Systems. <i>Plant Cell</i> , 1993 , 5, 1315-1324	11.6	95

123	Convergent evolution of defensin sequence, structure and function. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 663-682	10.3	92
122	The evolution, function and mechanisms of action for plant defensins. <i>Seminars in Cell and Developmental Biology</i> , 2019 , 88, 107-118	7.5	90
121	A pollen-specific RALF from tomato that regulates pollen tube elongation. <i>Plant Physiology</i> , 2010 , 153, 703-15	6.6	88
120	Style proteins of a wild tomato (<i>Lycopersicon peruvianum</i>) associated with expression of self-incompatibility. <i>Planta</i> , 1986 , 169, 184-91	4.7	88
119	Structure of <i>Petunia hybrida</i> defensin 1, a novel plant defensin with five disulfide bonds. <i>Biochemistry</i> , 2003 , 42, 8214-22	3.2	85
118	Action of the Style Product of the Self-Incompatibility Gene of <i>Nicotiana alata</i> (S-RNase) on in Vitro-Grown Pollen Tubes. <i>Plant Cell</i> , 1991 , 3, 271-283	11.6	84
117	Proteinase inhibitors from <i>Nicotiana alata</i> enhance plant resistance to insect pests. <i>Journal of Insect Physiology</i> , 1997 , 43, 833-842	2.4	83
116	Identification and mechanism of action of the plant defensin NaD1 as a new member of the antifungal drug arsenal against <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 3667-75	5.9	80
115	Genetic polymorphism of self-incompatibility in flowering plants. <i>Cell</i> , 1989 , 56, 255-62	56.2	80
114	The Defensins Consist of Two Independent, Convergent Protein Superfamilies. <i>Molecular Biology and Evolution</i> , 2016 , 33, 2345-56	8.3	77
113	A high proportion of hybridomas raised to a plant extract secrete antibody to arabinose or galactose. <i>Plant Physiology</i> , 1984 , 75, 1013-6	6.6	76
112	Novel insights on the mechanism of action of alpha-amylase inhibitors from the plant defensin family. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008 , 73, 719-29	4.2	75
111	Transformation-deficient adenovirus mutant defective in expression of region 1A but not region 1B. <i>Journal of Virology</i> , 1982 , 42, 106-13	6.6	74
110	Circular proteins and mechanisms of cyclization. <i>Biopolymers</i> , 2010 , 94, 573-83	2.2	68
109	Molecular basis for the production of cyclic peptides by plant asparaginyl endopeptidases. <i>Nature Communications</i> , 2018 , 9, 2411	17.4	68
108	Field resistance to <i>Fusarium oxysporum</i> and <i>Verticillium dahliae</i> in transgenic cotton expressing the plant defensin NaD1. <i>Journal of Experimental Botany</i> , 2014 , 65, 1541-50	7	66
107	The Tomato Defensin TPP3 Binds Phosphatidylinositol (4,5)-Bisphosphate via a Conserved Dimeric Cationic Grip Conformation To Mediate Cell Lysis. <i>Molecular and Cellular Biology</i> , 2015 , 35, 1964-78	4.8	65
106	Self-compatibility in <i>Lycopersicon peruvianum</i> variant (LA2157) is associated with a lack of style S-RNase activity. <i>Theoretical and Applied Genetics</i> , 1994 , 88, 859-64	6	65

105	Extracellular vesicles secreted by are involved in cell wall remodelling. <i>Communications Biology</i> , 2019 , 2, 305	6.7	64
104	Chemical synthesis and biosynthesis of the cyclotide family of circular proteins. <i>IUBMB Life</i> , 2006 , 58, 515-24	4.7	63
103	Discovery of cyclotide-like protein sequences in graminaceous crop plants: ancestral precursors of circular proteins?. <i>Plant Cell</i> , 2006 , 18, 2134-44	11.6	62
102	Dimerization of plant defensin NaD1 enhances its antifungal activity. <i>Journal of Biological Chemistry</i> , 2012 , 287, 19961-72	5.4	58
101	Activation of stress signalling pathways enhances tolerance of fungi to chemical fungicides and antifungal proteins. <i>Cellular and Molecular Life Sciences</i> , 2014 , 71, 2651-66	10.3	57
100	Extracellular vesicles including exosomes in cross kingdom regulation: a viewpoint from plant-fungal interactions. <i>Frontiers in Plant Science</i> , 2015 , 6, 766	6.2	57
99	Identification and characterization of a prevacuolar compartment in stigmas of nicotiana alata. <i>Plant Cell</i> , 1999 , 11, 1499-508	11.6	52
98	Characterization of the protease processing sites in a multidomain proteinase inhibitor precursor from Nicotiana alata. <i>FEBS Journal</i> , 1995 , 230, 250-7		51
97	Molecular basis for the resistance of an insect chymotrypsin to a potato type II proteinase inhibitor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 15016-21	11.5	49
96	Molecular characterisation of a cDNA sequence encoding the backbone of a style-specific 120 kDa glycoprotein which has features of both extensins and arabinogalactan proteins. <i>Plant Molecular Biology</i> , 1997 , 35, 833-45	4.6	49
95	A novel two-chain proteinase inhibitor generated by circularization of a multidomain precursor protein. <i>Nature Structural Biology</i> , 1999 , 6, 526-30		48
94	S-RNase gene of Nicotiana alata is expressed in developing pollen. <i>Plant Cell</i> , 1993 , 5, 1771-82	11.6	47
93	Transgenic tobacco and peas expressing a proteinase inhibitor from Nicotiana alata have increased insect resistance. <i>Molecular Breeding</i> , 1999 , 5, 357-365	3.4	45
92	A comparison of nonthreaded, enhanced threaded, and Ellis fixation pins used in type I external skeletal fixators in dogs. <i>Veterinary Surgery</i> , 1993 , 22, 482-9	1.7	43
91	Evolutionary origins of a bioactive peptide buried within Preproalbumin. <i>Plant Cell</i> , 2014 , 26, 981-95	11.6	42
90	A proteinase inhibitor from Nicotiana alata inhibits the normal development of light-brown apple moth, Epiphyas postvittana in transgenic apple plants. <i>Plant Cell Reports</i> , 2007 , 26, 773-82	5.1	42
89	Extracellular Vesicles From the Cotton Pathogen f. sp. Induce a Phytotoxic Response in Plants. <i>Frontiers in Plant Science</i> , 2019 , 10, 1610	6.2	40
88	Hydrolysis of alpha-D-glucans and alpha-D-gluco-oligosaccharides by Cladosporium resinae glucoamylases. <i>Carbohydrate Research</i> , 1980 , 86, 77-96	2.9	39

87	A radiochemical approach to the determination of carboxylic acid groups in polysaccharides. <i>Carbohydrate Polymers</i> , 1985 , 5, 115-129	10.3	38
86	X-ray structure of a carpet-like antimicrobial defensin-phospholipid membrane disruption complex. <i>Nature Communications</i> , 2018 , 9, 1962	17.4	38
85	Structures of a series of 6-kDa trypsin inhibitors isolated from the stigma of <i>Nicotiana alata</i> . <i>Biochemistry</i> , 1995 , 34, 14304-11	3.2	37
84	Molecular basis of cell recognition during fertilization in higher plants. <i>Journal of Cell Science</i> , 1985 , 2, 261-85	5.3	36
83	Fungal Extracellular Vesicles with a Focus on Proteomic Analysis. <i>Proteomics</i> , 2019 , 19, e1800232	4.8	35
82	The C-terminal propeptide of a plant defensin confers cytoprotective and subcellular targeting functions. <i>BMC Plant Biology</i> , 2014 , 14, 41	5.3	35
81	Pest and disease protection conferred by expression of barley chitinase and <i>Nicotiana alata</i> proteinase inhibitor genes in transgenic tobacco. <i>Functional Plant Biology</i> , 2005 , 32, 35-44	2.7	35
80	The plant defensin NaD1 introduces membrane disorder through a specific interaction with the lipid, phosphatidylinositol 4,5 bisphosphate. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 1099-109	3.8	33
79	Insights into processing and cyclization events associated with biosynthesis of the cyclic Peptide kalata B1. <i>Journal of Biological Chemistry</i> , 2012 , 287, 28037-46	5.4	33
78	Subcellular targeting and biosynthesis of cyclotides in plant cells. <i>American Journal of Botany</i> , 2011 , 98, 2018-26	2.7	33
77	Co-expression of a cyclizing asparaginyl endopeptidase enables efficient production of cyclic peptides in planta. <i>Journal of Experimental Botany</i> , 2018 , 69, 633-641	7	32
76	A relic S-RNase is expressed in the styles of self-compatible <i>Nicotiana sylvestris</i> . <i>Plant Journal</i> , 1998 , 16, 591-9	6.9	32
75	Molecular aspects of fertilization in flowering plants. <i>Annual Review of Cell Biology</i> , 1988 , 4, 209-28		32
74	The three-dimensional solution structure by 1H NMR of a 6-kDa proteinase inhibitor isolated from the stigma of <i>Nicotiana alata</i> . <i>Journal of Molecular Biology</i> , 1994 , 242, 231-43	6.5	31
73	A suite of kinetically superior AEP ligases can cyclise an intrinsically disordered protein. <i>Scientific Reports</i> , 2019 , 9, 10820	4.9	29
72	Identification of a novel four-domain member of the proteinase inhibitor II family from the stigmas of <i>Nicotiana alata</i> . <i>Plant Molecular Biology</i> , 2000 , 42, 329-33	4.6	29
71	Inhibition of cereal rust fungi by both class I and II defensins derived from the flowers of <i>Nicotiana alata</i> . <i>Molecular Plant Pathology</i> , 2014 , 15, 67-79	5.7	28
70	Extracellular peptidases of the cereal pathogen <i>Fusarium graminearum</i> . <i>Frontiers in Plant Science</i> , 2015 , 6, 962	6.2	28

69	Synthesis and structure determination by NMR of a putative vacuolar targeting peptide and model of a proteinase inhibitor from <i>Nicotiana alata</i> . <i>Biochemistry</i> , 1996 , 35, 369-78	3.2	28
68	Salt-Tolerant Antifungal and Antibacterial Activities of the Corn Defensin ZmD32. <i>Frontiers in Microbiology</i> , 2019 , 10, 795	5.7	26
67	Immuno-gold localization of β -arabinofuranosyl residues in pollen tubes of <i>Nicotiana alata</i> Link et otto. <i>Planta</i> , 1987 , 171, 438-42	4.7	26
66	<i>Nicotiana alata</i> Defensin Chimeras Reveal Differences in the Mechanism of Fungal and Tumor Cell Killing and an Enhanced Antifungal Variant. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 6302-12	5.9	23
65	Phosphorylation of style S-RNases by Ca^{2+} -dependent protein kinases from pollen tubes. <i>Sexual Plant Reproduction</i> , 1996 , 9, 25		23
64	Protein markers for EVs include claudin-like Sur7 family proteins. <i>Journal of Extracellular Vesicles</i> , 2020 , 9, 1750810	16.4	21
63	Agp2p, the plasma membrane transregulator of polyamine uptake, regulates the antifungal activities of the plant defensin NaD1 and other cationic peptides. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 2688-98	5.9	21
62	Arabinogalactan-proteins are localized extracellularly in the transmitting tissue of <i>Nicotiana alata</i> link and otto, an ornamental tobacco. <i>Micron and Microscopica Acta</i> , 1985 , 16, 247-254		21
61	The impact of ingested potato type II inhibitors on the production of the major serine proteases in the gut of <i>Helicoverpa armigera</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2013 , 43, 197-208	4.5	20
60	Subcellular distribution of arabinogalactan proteins in pollen grains and tubes as revealed with a monoclonal antibody raised against stylar arabinogalactan proteins. <i>Protoplasma</i> , 1999 , 206, 105-117	3.4	20
59	A radish seed antifungal peptide with a high amyloid fibril-forming propensity. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 1615-23	4	19
58	Quantitative analysis of backbone-cyclised peptides in plants. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 872, 107-14	3.2	19
57	The solution structure of C1-T1, a two-domain proteinase inhibitor derived from a circular precursor protein from <i>Nicotiana alata</i> . <i>Journal of Molecular Biology</i> , 2001 , 306, 69-79	6.5	18
56	Structure of a putative ancestral protein encoded by a single sequence repeat from a multidomain proteinase inhibitor gene from <i>Nicotiana alata</i> . <i>Structure</i> , 1999 , 7, 793-802	5.2	17
55	An enzyme-linked immunosorbent assay (ELISA) for in vitro pollen growth based on binding of a monoclonal antibody to the pollen tube surface. <i>Plant Physiology</i> , 1987 , 84, 851-5	6.6	17
54	Gametophytic Self-Incompatibility Systems. <i>Plant Cell</i> , 1993 , 5, 1315	11.6	16
53	The Plant Defensin NaD1 Enters the Cytoplasm of <i>Candida Albicans</i> via Endocytosis. <i>Journal of Fungi (Basel, Switzerland)</i> , 2018 , 4,	5.6	16
52	Bovine pancreatic trypsin inhibitor is a new antifungal peptide that inhibits cellular magnesium uptake. <i>Molecular Microbiology</i> , 2014 , 92, 1188-97	4.1	15

51	Selective removal of individual disulfide bonds within a potato type II serine proteinase inhibitor from <i>Nicotiana alata</i> reveals differential stabilization of the reactive-site loop. <i>Journal of Molecular Biology</i> , 2010 , 395, 609-26	6.5	15
50	Action of the Style Product of the Self-Incompatibility Gene of <i>Nicotiana alata</i> (S-RNase) on in Vitro-Grown Pollen Tubes. <i>Plant Cell</i> , 1991 , 3, 271	11.6	15
49	Molecular genetics of self-incompatibility in flowering plants. <i>Genesis</i> , 1988 , 9, 1-12		15
48	Rapid and Scalable Plant-Based Production of a Potent Plasmin Inhibitor Peptide. <i>Frontiers in Plant Science</i> , 2019 , 10, 602	6.2	14
47	Bacitracin significantly reduces degradation of peptides in plant cell cultures. <i>Biotechnology and Bioengineering</i> , 1997 , 53, 226-31	4.9	14
46	A quantitative map of protein sequence space for the cis-defensin superfamily. <i>Bioinformatics</i> , 2019 , 35, 743-752	7.2	13
45	Sequence Variability of Three Alleles of the Self-Incompatibility Gene of <i>Nicotiana alata</i> . <i>Plant Cell</i> , 1989 , 1, 483	11.6	12
44	Enzymic degradation of chemically modified extracellular polysaccharides from Rhizobia. <i>Carbohydrate Research</i> , 1978 , 61, 479-492	2.9	12
43	Structural homology guided alignment of cysteine rich proteins. <i>SpringerPlus</i> , 2016 , 5, 27		11
42	Circular micro-proteins and mechanisms of cyclization. <i>Current Pharmaceutical Design</i> , 2011 , 17, 4318-283,3		11
41	Dual location of a family of proteinase inhibitors within the stigmas of <i>Nicotiana alata</i> . <i>Planta</i> , 2007 , 225, 1265-76	4.7	11
40	Uncoating the mechanisms of vacuolar protein transport. <i>Trends in Plant Science</i> , 1999 , 4, 46-48	13.1	11
39	Discovery and structures of the cyclotides: novel macrocyclic peptides from plants. <i>International Journal of Peptide Research and Therapeutics</i> , 2001 , 8, 119-128		9
38	A Centipede Toxin Family Defines an Ancient Class of CSII-Defensins. <i>Structure</i> , 2019 , 27, 315-326.e7	5.2	9
37	Biosynthesis of Cyclotides. <i>Advances in Botanical Research</i> , 2015 , 76, 227-269	2.2	8
36	Structural refinement of insecticidal plant proteinase inhibitors from <i>Nicotiana alata</i> . <i>Protein and Peptide Letters</i> , 2008 , 15, 903-9	1.9	8
35	Discovery and structures of the cyclotides: novel macrocyclic peptides from plants. <i>International Journal of Peptide Research and Therapeutics</i> , 2001 , 8, 119-128		7
34	Self-incompatibility: insights through microscopy. <i>Journal of Microscopy</i> , 1992 , 166, 137-148	1.9	7

33	Extracellular Vesicles from \square Contain Protein Effectors Expressed during Infection of Corn. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	7
32	A style-specific 120-kDa glycoprotein enters pollen tubes of <i>Nicotiana glauca</i> in vivo 1996 , 9, 75		7
31	Synergistic Activity between Two Antifungal Proteins, the Plant Defensin NaD1 and the Bovine Pancreatic Trypsin Inhibitor. <i>MSphere</i> , 2017 , 2,	5	6
30	The N-terminal pro-domain of the kalata B1 cyclotide precursor is intrinsically unstructured. <i>Biopolymers</i> , 2016 , 106, 825-833	2.2	6
29	Resistance to the Plant Defensin NaD1 Features Modifications to the Cell Wall and Osmo-Regulation Pathways of Yeast. <i>Frontiers in Microbiology</i> , 2018 , 9, 1648	5.7	6
28	Circular Permutation of the Native Enzyme-Mediated Cyclization Position in Cyclotides. <i>ACS Chemical Biology</i> , 2020 , 15, 962-969	4.9	5
27	Antibacterial and antifungal activity of defensins from the Australian paralysis tick, <i>Ixodes holocyclus</i> . <i>Ticks and Tick-borne Diseases</i> , 2019 , 10, 101269	3.6	5
26	Reply: The Role of BP-80 in Sorting to the Vacuole in Stigmas. <i>Plant Cell</i> , 1999 , 11, 2071-2073	11.6	5
25	Recent developments in the molecular genetics and biology of self-incompatibility. <i>Plant Molecular Biology</i> , 1989 , 13, 267-71	4.6	5
24	Ptychographic imaging of NaD1 induced yeast cell death. <i>Biomedical Optics Express</i> , 2019 , 10, 4964-4974	3.5	5
23	Molecular Genetics and Biology of Self-Incompatibility in <i>Nicotiana glauca</i> , an Ornamental Tobacco. <i>Functional Plant Biology</i> , 1990 , 17, 345	2.7	5
22	The interaction with fungal cell wall polysaccharides determines the salt tolerance of antifungal plant defensins. <i>Cell Surface</i> , 2019 , 5, 100026	4.8	4
21	Molecular and structural features of the pistil of <i>Nicotiana glauca</i> . <i>Biochemical Society Symposia</i> , 1994 , 60, 15-26		4
20	Size-exclusion chromatography allows the isolation of EVs from the filamentous fungal plant pathogen <i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> (Fov). <i>Proteomics</i> , 2021 , 21, e2000240	4.8	4
19	Plant Defensins NaD1 and NaD2 Induce Different Stress Response Pathways in Fungi. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	4
18	In Vitro and In Planta Cyclization of Target Peptides Using an Asparaginyl Endopeptidase from <i>Oldenlandia affinis</i> . <i>Methods in Molecular Biology</i> , 2019 , 2012, 211-235	1.4	3
17	Proteinase Inhibitors in <i>Nicotiana glauca</i> Stigmas Are Derived from a Precursor Protein Which Is Processed into Five Homologous Inhibitors. <i>Plant Cell</i> , 1993 , 5, 203	11.6	3
16	Screening the Nonessential Gene Deletion Library Reveals Diverse Mechanisms of Action for Antifungal Plant Defensins. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	2

15	S-RNase Gene of <i>Nicotiana alata</i> Is Expressed in Developing Pollen. <i>Plant Cell</i> , 1993 , 5, 1771	11.6	2
14	Characterization of the Protease Processing Sites in a Multidomain Proteinase Inhibitor Precursor from <i>Nicotiana Alata</i> . <i>FEBS Journal</i> , 1995 , 230, 250-257		2
13	Molecular and evolutionary aspects of self-incompatibility in flowering plants. <i>Symposia of the Society for Experimental Biology</i> , 1991 , 45, 245-69		2
12	Improving the Digestibility of Plant Defensins to Meet Regulatory Requirements for Transgene Products in Crop Protection. <i>Frontiers in Plant Science</i> , 2020 , 11, 1227	6.2	2
11	Self-Incompatibility as a Model for Cell-Cell Recognition in Flowering Plants 1991 , 527-536		1
10	Gametophytic self-incompatibility in <i>Nicotiana alata</i> . <i>Advances in Cellular and Molecular Biology of Plants</i> , 1994 , 5-18		1
9	Enzyme mechanism and function of a novel plant PDI involved in the oxidative folding of cystine knot defense peptides. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 611, 31-2	3.6	1
8	Histidine-Rich Defensins from the and Are Antifungal and Metal Binding Proteins. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020 , 6,	5.6	1
7	Fungal Extracellular Vesicles in Pathophysiology. <i>Sub-Cellular Biochemistry</i> , 2021 , 97, 151-177	5.5	0
6	How I became a biochemist. <i>IUBMB Life</i> , 2010 , 62, 531-4	4.7	
5	Reply: The Role of BP-80 in Sorting to the Vacuole in Stigmas. <i>Plant Cell</i> , 1999 , 11, 2071	11.6	
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2	Examination of the Interaction between a Membrane Active Peptide and Artificial Bilayers by Dual Polarisation Interferometry. <i>Bio-protocol</i> , 2017 , 7, e2087	0.9	
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