Marilyn A Anderson

List of Publications by Year in Descending Order

158 papers	10,149 citations	57 h-index	98 g-index
162 ext. papers	11,665 ext. citations	8.1 avg, IF	6.16 L-index

#	Paper	IF	Citations
158	Extracellular Vesicles from Contain Protein Effectors Expressed during Infection of Corn. *Journal of Fungi (Basel, Switzerland)*, **2021**, 7,	5.6	7
157	Size-exclusion chromatography allows the isolation of EVs from the filamentous fungal plant pathogen Fusarium oxysporum f. sp. vasinfectum (Fov). *Proteomics*, **2021**, 21, e2000240	4.8	4
156	Fungal Extracellular Vesicles in Pathophysiology. *Sub-Cellular Biochemistry*, **2021**, 97, 151-177	5.5	0
155	Protein markers for EVs include claudin-like Sur7 family proteins. *Journal of Extracellular Vesicles*, **2020**, 9, 1750810	16.4	21
154	Circular Permutation of the Native Enzyme-Mediated Cyclization Position in Cyclotides. *ACS Chemical Biology*, **2020**, 15, 962-969	4.9	5
153	Antimicrobial host defence peptides: functions and clinical potential. *Nature Reviews Drug Discovery*, **2020**, 19, 311-332	64.1	325
152	Histidine-Rich Defensins from the and Are Antifungal and Metal Binding Proteins. *Journal of Fungi (Basel, Switzerland)*, **2020**, 6,	5.6	1
151	Improving the Digestibility of Plant Defensins to Meet Regulatory Requirements for Transgene Products in Crop Protection. *Frontiers in Plant Science*, **2020**, 11, 1227	6.2	2
150	Screening the Nonessential Gene Deletion Library Reveals Diverse Mechanisms of Action for Antifungal Plant Defensins. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	2
149	The interaction with fungal cell wall polysaccharides determines the salt tolerance of antifungal plant defensins. *Cell Surface*, **2019**, 5, 100026	4.8	4
148	In Vitro and In Planta Cyclization of Target Peptides Using an Asparaginyl Endopeptidase from Oldenlandia affinis. *Methods in Molecular Biology*, **2019**, 2012, 211-235	1.4	3
147	Rapid and Scalable Plant-Based Production of a Potent Plasmin Inhibitor Peptide. *Frontiers in Plant Science*, **2019**, 10, 602	6.2	14
146	Fungal Extracellular Vesicles with a Focus on Proteomic Analysis. *Proteomics*, **2019**, 19, e1800232	4.8	35
145	Salt-Tolerant Antifungal and Antibacterial Activities of the Corn Defensin ZmD32. *Frontiers in Microbiology*, **2019**, 10, 795	5.7	26
144	A quantitative map of protein sequence space for the cis-defensin superfamily. *Bioinformatics*, **2019**, 35, 743-752	7.2	13
143	Antibacterial and antifungal activity of defensins from the Australian paralysis tick, Ixodes holocyclus. *Ticks and Tick-borne Diseases*, **2019**, 10, 101269	3.6	5
142	Extracellular vesicles secreted by are involved in cell wall remodelling. *Communications Biology*, **2019**, 2, 305	6.7	64

141	A suite of kinetically superior AEP ligases can cyclise an intrinsically disordered protein. *Scientific Reports*, **2019**, 9, 10820	4.9	29
140	Ptychographic imaging of NaD1 induced yeast cell death. *Biomedical Optics Express*, **2019**, 10, 4964-4974	3.5	5
139	Extracellular Vesicles From the Cotton Pathogen f. sp. Induce a Phytotoxic Response in Plants. *Frontiers in Plant Science*, **2019**, 10, 1610	6.2	40
138	A Centipede Toxin Family Defines an Ancient Class of CS‖Defensins. *Structure*, **2019**, 27, 315-326.e7	5.2	9
137	The evolution, function and mechanisms of action for plant defensins. *Seminars in Cell and Developmental Biology*, **2019**, 88, 107-118	7.5	90
136	Co-expression of a cyclizing asparaginyl endopeptidase enables efficient production of cyclic peptides in planta. *Journal of Experimental Botany*, **2018**, 69, 633-641	7	32
135	Resistance to the Plant Defensin NaD1 Features Modifications to the Cell Wall and Osmo-Regulation Pathways of Yeast. *Frontiers in Microbiology*, **2018**, 9, 1648	5.7	6
134	The Plant Defensin NaD1 Enters the Cytoplasm of Candida Albicans via Endocytosis. *Journal of Fungi (Basel, Switzerland)*, **2018**, 4,	5.6	16
133	X-ray structure of a carpet-like antimicrobial defensin-phospholipid membrane disruption complex. *Nature Communications*, **2018**, 9, 1962	17.4	38
132	Molecular basis for the production of cyclic peptides by plant asparaginyl endopeptidases. *Nature Communications*, **2018**, 9, 2411	17.4	68
131	Synergistic Activity between Two Antifungal Proteins, the Plant Defensin NaD1 and the Bovine Pancreatic Trypsin Inhibitor. *MSphere*, **2017**, 2,	5	6
130	Convergent evolution of defensin sequence, structure and function. *Cellular and Molecular Life Sciences*, **2017**, 74, 663-682	10.3	92
129	Examination of the Interaction between a Membrane Active Peptideand Artificial Bilayers by Dual Polarisation Interferometry. *Bio-protocol*, **2017**, 7, e2087	0.9	
128	The N-terminal pro-domain of the kalata B1 cyclotide precursor is intrinsically unstructured. *Biopolymers*, **2016**, 106, 825-833	2.2	6
127	Nicotiana alata Defensin Chimeras Reveal Differences in the Mechanism of Fungal and Tumor Cell Killing and an Enhanced Antifungal Variant. *Antimicrobial Agents and Chemotherapy*, **2016**, 60, 6302-12	5.9	23
126	Structural homology guided alignment of cysteine rich proteins. *SpringerPlus*, **2016**, 5, 27		11
125	The Defensins Consist of Two Independent, Convergent Protein Superfamilies. *Molecular Biology and Evolution*, **2016**, 33, 2345-56	8.3	77
124	The plant defensin NaD1 introduces membrane disorder through a specific interaction with the lipid, phosphatidylinositol 4,5 bisphosphate. *Biochimica Et Biophysica Acta - Biomembranes*, **2016**, 1858, 1099-109	3.8	33

123	Plant Defensins NaD1 and NaD2 Induce Different Stress Response Pathways in Fungi. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	4
122	The Tomato Defensin TPP3 Binds Phosphatidylinositol (4,5)-Bisphosphate via a Conserved Dimeric Cationic Grip Conformation To Mediate Cell Lysis. *Molecular and Cellular Biology*, **2015**, 35, 1964-78	4.8	65
121	Biosynthesis of Cyclotides. *Advances in Botanical Research*, **2015**, 76, 227-269	2.2	8
120	Extracellular vesicles including exosomes in cross kingdom regulation: a viewpoint from plant-fungal interactions. *Frontiers in Plant Science*, **2015**, 6, 766	6.2	57
119	Extracellular peptidases of the cereal pathogen Fusarium graminearum. *Frontiers in Plant Science*, **2015**, 6, 962	6.2	28
118	Efficient backbone cyclization of linear peptides by a recombinant asparaginyl endopeptidase. *Nature Communications*, **2015**, 6, 10199	17.4	143
117	The C-terminal propeptide of a plant defensin confers cytoprotective and subcellular targeting functions. *BMC Plant Biology*, **2014**, 14, 41	5.3	35
116	Activation of stress signalling pathways enhances tolerance of fungi to chemical fungicides and antifungal proteins. *Cellular and Molecular Life Sciences*, **2014**, 71, 2651-66	10.3	57
115	Bovine pancreatic trypsin inhibitor is a new antifungal peptide that inhibits cellular magnesium uptake. *Molecular Microbiology*, **2014**, 92, 1188-97	4.1	15
114	Inhibition of cereal rust fungi by both class I and II defensins derived from the flowers of Nicotiana alata. *Molecular Plant Pathology*, **2014**, 15, 67-79	5.7	28
113	Field resistance to Fusarium oxysporum and Verticillium dahliae in transgenic cotton expressing the plant defensin NaD1. *Journal of Experimental Botany*, **2014**, 65, 1541-50	7	66
112	Agp2p, the plasma membrane transregulator of polyamine uptake, regulates the antifungal activities of the plant defensin NaD1 and other cationic peptides. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 2688-98	5.9	21
111	Phosphoinositide-mediated oligomerization of a defensin induces cell lysis. *ELife*, **2014**, 3, e01808	8.9	117
110	Evolutionary origins of a bioactive peptide buried within Preproalbumin. *Plant Cell*, **2014**, 26, 981-95	11.6	42
109	A radish seed antifungal peptide with a high amyloid fibril-forming propensity. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2013**, 1834, 1615-23	4	19
108	Properties and mechanisms of action of naturally occurring antifungal peptides. *Cellular and Molecular Life Sciences*, **2013**, 70, 3545-70	10.3	166
107	Identification and mechanism of action of the plant defensin NaD1 as a new member of the antifungal drug arsenal against Candida albicans. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 3667-75	5.9	80
106	High-affinity cyclic peptide matriptase inhibitors. *Journal of Biological Chemistry*, **2013**, 288, 13885-96	5.4	110

105	Plant defensins: Common fold, multiple functions. *Fungal Biology Reviews*, **2013**, 26, 121-131	6.8	101
104	The impact of ingested potato type II inhibitors on the production of the major serine proteases in the gut of Helicoverpa armigera. *Insect Biochemistry and Molecular Biology*, **2013**, 43, 197-208	4.5	20
103	Insights into processing and cyclization events associated with biosynthesis of the cyclic Peptide kalata B1. *Journal of Biological Chemistry*, **2012**, 287, 28037-46	5.4	33
102	Dimerization of plant defensin NaD1 enhances its antifungal activity. *Journal of Biological Chemistry* , **2012**, 287, 19961-72	5.4	58
101	Discovery of cyclotides in the fabaceae plant family provides new insights into the cyclization, evolution, and distribution of circular proteins. *ACS Chemical Biology*, **2011**, 6, 345-55	4.9	130
100	Subcellular targeting and biosynthesis of cyclotides in plant cells. *American Journal of Botany*, **2011**, 98, 2018-26	2.7	33
99	Circular micro-proteins and mechanisms of cyclization. *Current Pharmaceutical Design*, **2011**, 17, 4318-28	3.3	11
98	Molecular basis for the resistance of an insect chymotrypsin to a potato type II proteinase inhibitor. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 15016-21	11.5	49
97	Coexpression of potato type I and II proteinase inhibitors gives cotton plants protection against insect damage in the field. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 15011-5	11.5	102
96	Permeabilization of fungal hyphae by the plant defensin NaD1 occurs through a cell wall-dependent process. *Journal of Biological Chemistry*, **2010**, 285, 37513-20	5.4	129
95	Selective removal of individual disulfide bonds within a potato type II serine proteinase inhibitor from Nicotiana alata reveals differential stabilization of the reactive-site loop. *Journal of Molecular Biology*, **2010**, 395, 609-26	6.5	15
94	A pollen-specific RALF from tomato that regulates pollen tube elongation. *Plant Physiology*, **2010**, 153, 703-15	6.6	88
93	How I became a biochemist. *IUBMB Life*, **2010**, 62, 531-4	4.7	
92	Circular proteins and mechanisms of cyclization. *Biopolymers*, **2010**, 94, 573-83	2.2	68
91	Enzyme mechanism and function of a novel plant PDI involved in the oxidative folding of cystine knot defense peptides. *Advances in Experimental Medicine and Biology*, **2009**, 611, 31-2	3.6	1
90	The plant defensin, NaD1, enters the cytoplasm of Fusarium oxysporum hyphae. *Journal of Biological Chemistry*, **2008**, 283, 14445-52	5.4	149
89	Plant cyclotides disrupt epithelial cells in the midgut of lepidopteran larvae. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 1221-5	11.5	166
88	Structural refinement of insecticidal plant proteinase inhibitors from Nicotiana alata. *Protein and Peptide Letters*, **2008**, 15, 903-9	1.9	8

87	Novel insights on the mechanism of action of alpha-amylase inhibitors from the plant defensin family. *Proteins: Structure, Function and Bioinformatics*, **2008**, 73, 719-29	4.2	75
86	Quantitative analysis of backbone-cyclised peptides in plants. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2008**, 872, 107-14	3.2	19
85	Biosynthesis of circular proteins in plants. *Plant Journal*, **2008**, 53, 505-15	6.9	148
84	A proteinase inhibitor from Nicotiana alata inhibits the normal development of light-brown apple moth, Epiphyas postvittana in transgenic apple plants. *Plant Cell Reports*, **2007**, 26, 773-82	5.1	42
83	Dual location of a family of proteinase inhibitors within the stigmas of Nicotiana alata. *Planta*, **2007**, 225, 1265-76	4.7	11
82	An asparaginyl endopeptidase mediates in vivo protein backbone cyclization. *Journal of Biological Chemistry*, **2007**, 282, 29721-8	5.4	182
81	A novel plant protein-disulfide isomerase involved in the oxidative folding of cystine knot defense proteins. *Journal of Biological Chemistry*, **2007**, 282, 20435-46	5.4	96
80	Insecticidal plant cyclotides and related cystine knot toxins. *Toxicon*, **2007**, 49, 561-75	2.8	124
79	Discovery of cyclotide-like protein sequences in graminaceous crop plants: ancestral precursors of circular proteins?. *Plant Cell*, **2006**, 18, 2134-44	11.6	62
78	Chemical synthesis and biosynthesis of the cyclotide family of circular proteins. *IUBMB Life*, **2006**, 58, 515-24	4.7	63
77	Isolation, solution structure, and insecticidal activity of kalata B2, a circular protein with a twist: do MÐbius strips exist in nature?. *Biochemistry*, **2005**, 44, 851-60	3.2	199
76	Pest and disease protection conferred by expression of barley ÐhordothionIn and Nicotiana alata proteinase inhibitor genes in transgenic tobacco. *Functional Plant Biology*, **2005**, 32, 35-44	2.7	35
75	Defensins--components of the innate immune system in plants. *Current Protein and Peptide Science*, **2005**, 6, 85-101	2.8	332
74	Conserved structural and sequence elements implicated in the processing of gene-encoded circular proteins. *Journal of Biological Chemistry*, **2004**, 279, 46858-67	5.4	107
73	The three-dimensional solution structure of NaD1, a new floral defensin from Nicotiana alata and its application to a homology model of the crop defense protein alfAFP. *Journal of Molecular Biology*, **2003**, 325, 175-88	6.5	114
72	Structure of Petunia hybrida defensin 1, a novel plant defensin with five disulfide bonds. *Biochemistry*, **2003**, 42, 8214-22	3.2	85
71	Isolation and properties of floral defensins from ornamental tobacco and petunia. *Plant Physiology*, **2003**, 131, 1283-93	6.6	167
70	Discovery and structures of the cyclotides: novel macrocyclic peptides from plants. *International Journal of Peptide Research and Therapeutics*, **2001**, 8, 119-128		7

69	Discovery and structures of the cyclotides: novel macrocyclic peptides from plants. *International Journal of Peptide Research and Therapeutics*, **2001**, 8, 119-128		9
68	Biosynthesis and insecticidal properties of plant cyclotides: the cyclic knotted proteins from Oldenlandia affinis. *Proceedings of the National Academy of Sciences of the United States of America*, **2001**, 98, 10614-9	11.5	411
67	The solution structure of C1-T1, a two-domain proteinase inhibitor derived from a circular precursor protein from Nicotiana alata. *Journal of Molecular Biology*, **2001**, 306, 69-79	6.5	18
66	Solution structures by 1H NMR of the novel cyclic trypsin inhibitor SFTI-1 from sunflower seeds and an acyclic permutant. *Journal of Molecular Biology*, **2001**, 311, 579-91	6.5	195
65	Identification of a novel four-domain member of the proteinase inhibitor II family from the stigmas of Nicotiana alata. *Plant Molecular Biology*, **2000**, 42, 329-33	4.6	29
64	Reply: The Role of BP-80 in Sorting to the Vacuole in Stigmas. *Plant Cell*, **1999**, 11, 2071	11.6	
63	Identification and Characterization of a Prevacuolar Compartment in Stigmas of Nicotiana alata. *Plant Cell*, **1999**, 11, 1499	11.6	
62	Reply: The Role of BP-80 in Sorting to the Vacuole in Stigmas. *Plant Cell*, **1999**, 11, 2071-2073	11.6	5
61	Identification and characterization of a prevacuolar compartment in stigmas of nicotiana alata. *Plant Cell*, **1999**, 11, 1499-508	11.6	52
60	A novel two-chain proteinase inhibitor generated by circularization of a multidomain precursor protein. *Nature Structural Biology*, **1999**, 6, 526-30		48
59	Transgenic tobacco and peas expressing a proteinase inhibitor from Nicotiana alata have increased insect resistance. *Molecular Breeding*, **1999**, 5, 357-365	3.4	45
58	Subcellular distribution of arabinogalactan proteins in pollen grains and tubes as revealed with a monoclonal antibody raised against stylar arabinogalactan proteins. *Protoplasma*, **1999**, 206, 105-117	3.4	20
57	Structure of a putative ancestral protein encoded by a single sequence repeat from a multidomain proteinase inhibitor gene from Nicotiana alata. *Structure*, **1999**, 7, 793-802	5.2	17
56	Uncoating the mechanisms of vacuolar protein transport. *Trends in Plant Science*, **1999**, 4, 46-48	13.1	11
55	A relic S-RNase is expressed in the styles of self-compatible Nicotiana sylvestris. *Plant Journal*, **1998** , 16, 591-9	6.9	32
54	Proteinase inhibitors from Nicotiana alata enhance plant resistance to insect pests. *Journal of Insect Physiology*, **1997**, 43, 833-842	2.4	83
53	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. *Plant Molecular Biology*, **1997**, 35, 833-45	4.6	49
52	Bacitracin significantly reduces degradation of peptides in plant cell cultures. *Biotechnology and Bioengineering*, **1997**, 53, 226-31	4.9	14

51	A style-specific 120-kDa glycoprotein enters pollen tubes ofNicotiana alata in vivo. *Sexual Plant Reproduction*, **1996**, 9, 75-86		106
50	Phosphorylation of style S-RNases by Ca2+-dependent protein kinases from pollen tubes. *Sexual Plant Reproduction*, **1996**, 9, 25		23
49	Synthesis and structure determination by NMR of a putative vacuolar targeting peptide and model of a proteinase inhibitor from Nicotiana alata. *Biochemistry*, **1996**, 35, 369-78	3.2	28
48	A style-specific 120-kDa glycoprotein enters pollen tubes ofNicotiana alata in vivo **1996**, 9, 75		7
47	Structures of a series of 6-kDa trypsin inhibitors isolated from the stigma of Nicotiana alata. *Biochemistry*, **1995**, 34, 14304-11	3.2	37
46	Characterization of the Protease Processing Sites in a Multidomain Proteinase Inhibitor Precursor from Nicotiana Alata. *FEBS Journal*, **1995**, 230, 250-257		2
45	Characterization of the protease processing sites in a multidomain proteinase inhibitor precursor from Nicotiana alata. *FEBS Journal*, **1995**, 230, 250-7		51
44	Self-compatibility in aLycopersicon peruvianum variant (LA2157) is associated with a lack of style S-RNase activity. *Theoretical and Applied Genetics*, **1994**, 88, 859-64	6	65
43	A style-specific hydroxyproline-rich glycoprotein with properties of both extensins and arabinogalactan proteins. *Plant Journal*, **1994**, 6, 491-502	6.9	100
42	The three-dimensional solution structure by 1H NMR of a 6-kDa proteinase inhibitor isolated from the stigma of Nicotiana alata. *Journal of Molecular Biology*, **1994**, 242, 231-43	6.5	31
41	Loss of a histidine residue at the active site of S-locus ribonuclease is associated with self-compatibility in Lycopersicon peruvianum. *Proceedings of the National Academy of Sciences of the United States of America*, **1994**, 91, 6511-4	11.5	132
40	Molecular and structural features of the pistil of Nicotiana alata. *Biochemical Society Symposia*, **1994**, 60, 15-26		4
39	Gametophytic self-incompatibility in Nicotiana alata. *Advances in Cellular and Molecular Biology of Plants*, **1994**, 5-18		1
38	S-RNase gene of Nicotiana alata is expressed in developing pollen. *Plant Cell*, **1993**, 5, 1771-82	11.6	47
37	Gametophytic Self-Incompatibility Systems. *Plant Cell*, **1993**, 5, 1315-1324	11.6	95
36	S-RNase Gene of Nicotiana alata Is Expressed in Developing Pollen. *Plant Cell*, **1993**, 5, 1771	11.6	2
35	Proteinase Inhibitors in Nicotiana alata Stigmas Are Derived from a Precursor Protein Which Is Processed into Five Homologous Inhibitors. *Plant Cell*, **1993**, 5, 203	11.6	3
34	Gametophytic Self-Incompatibility Systems. *Plant Cell*, **1993**, 5, 1315	11.6	16

33	Proteinase inhibitors in Nicotiana alata stigmas are derived from a precursor protein which is processed into five homologous inhibitors. *Plant Cell*, **1993**, 5, 203-13	11.6	199
32	A comparison of nonthreaded, enhanced threaded, and Ellis fixation pins used in type I external skeletal fixators in dogs. *Veterinary Surgery*, **1993**, 22, 482-9	1.7	43
31	Self-incompatibility: insights through microscopy. *Journal of Microscopy*, **1992**, 166, 137-148	1.9	7
30	Molecular Genetics of Self-incompatibility inNicotiana alata **1992**, 75-83		
29	Self-Incompatibility as a Model for Cell-Cell Recognition in Flowering Plants **1991**, 527-536		1
28	Action of the Style Product of the Self-Incompatibility Gene of Nicotiana alata (S-RNase) on in Vitro-Grown Pollen Tubes. *Plant Cell*, **1991**, 3, 271-283	11.6	84
27	Action of the Style Product of the Self-Incompatibility Gene of Nicotiana alata (S-RNase) on in Vitro-Grown Pollen Tubes. *Plant Cell*, **1991**, 3, 271	11.6	15
26	Molecular and evolutionary aspects of self-incompatibility in flowering plants. *Symposia of the Society for Experimental Biology*, **1991**, 45, 245-69		2
25	Self-incompatibility in Nicotiana alata involves degradation of pollen rRNA. *Nature*, **1990**, 347, 757-760	50.4	323
24	Self-incompatibility: a self-recognition system in plants. *Science*, **1990**, 250, 937-41	33.3	177
23	Molecular Genetics and Biology of Self-Incompatibility in Nicotiana alata, an Ornamental Tobacco. *Functional Plant Biology*, **1990**, 17, 345	2.7	5
22	Sequence variability of three alleles of the self-incompatibility gene of Nicotiana alata. *Plant Cell*, **1989**, 1, 483-91	11.6	212
21	Sequence Variability of Three Alleles of the Self-Incompatibility Gene of Nicotiana alata. *Plant Cell*, **1989**, 1, 483	11.6	12
20	Recent developments in the molecular genetics and biology of self-incompatibility. *Plant Molecular Biology*, **1989**, 13, 267-71	4.6	5
19	Style self-incompatibility gene products of Nicotiana alata are ribonucleases. *Nature*, **1989**, 342, 955-7	50.4	631
18	Genetic polymorphism of self-incompatibility in flowering plants. *Cell*, **1989**, 56, 255-62	56.2	80
17	Molecular genetics of self-incompatibility in flowering plants. *Genesis*, **1988**, 9, 1-12		15
16	Molecular aspects of fertilization in flowering plants. *Annual Review of Cell Biology*, **1988**, 4, 209-28		32

15	An enzyme-linked immunosorbent assay (ELISA) for in vitro pollen growth based on binding of a monoclonal antibody to the pollen tube surface. *Plant Physiology*, **1987**, 84, 851-5	6.6	17
14	Immuno-gold localization of L-arabinofuranosyl residues in pollen tubes of Nicotiana alata Link et otto. *Planta*, **1987**, 171, 438-42	4.7	26
13	Style proteins of a wild tomato (Lycopersicon peruvianum) associated with expression of self-incompatibility. *Planta*, **1986**, 169, 184-91	4.7	88
12	Cloning of cDNA for a stylar glycoprotein associated with expression of self-incompatibility in Nicotiana alata. *Nature*, **1986**, 321, 38-44	50.4	432
11	Complex Carbohydrates at the Interacting Surfaces during Pollen-Pistil Interactions in Nicotiana alata **1986**, 379-384		
10	Arabinogalactan-proteins are localized extracellularly in the transmitting tissue of Nicotiana alata link and otto, an ornamental tobacco. *Micron and Microscopica Acta*, **1985**, 16, 247-254		21
9	A radiochemical approach to the determination of carboxylic acid groups in polysaccharides. *Carbohydrate Polymers*, **1985**, 5, 115-129	10.3	38
8	Molecular basis of cell recognition during fertilization in higher plants. *Journal of Cell Science*, **1985**, 2, 261-85	5.3	36
7	A high proportion of hybridomas raised to a plant extract secrete antibody to arabinose or galactose. *Plant Physiology*, **1984**, 75, 1013-6	6.6	76
6	Transforming growth factor(s) production enables cells to grow in the absence of serum: an autocrine system. *Proceedings of the National Academy of Sciences of the United States of America*, **1982**, 79, 485-9	11.5	180
5	Transformation-deficient adenovirus mutant defective in expression of region 1A but not region 1B. *Journal of Virology*, **1982**, 42, 106-13	6.6	74
4	Hydrolysis of alpha-D-glucans and alpha-D-gluco-oligosaccharides by Cladosporium resinae glucoamylases. *Carbohydrate Research*, **1980**, 86, 77-96	2.9	39
3	Enzymic degradation of chemically modified extracellular polysaccharides from Rhizobia. *Carbohydrate Research*, **1978**, 61, 479-492	2.9	12
2	ENZYMATIC DETERMINATION OF 1,3:1,4-GLUCANS IN BARLEY GRAIN AND OTHER CEREALS *Journal of the Institute of Brewing*, **1978**, 84, 233-239	2	116
1	A new substrate for investigating the specificity of beta-glucan hydrolases. *FEBS Letters*, **1975**, 52, 202-7	3.8	161