Maureen R Hanson

List of Publications by Year
in descending order

196 papers	13,573 citations	21215 62 h-index	29333 108 g-index
202 all docs	202 docs citations	202 times ranked	11400 citing authors

#	Article	IF	Citations
1	The RanBP2 zinc finger domains of chloroplast RNA editing factor OZ1 are required for proteinâ€"protein interactions and conversion of C to U. Plant Journal, 2022, 109, 215-226.	2.8	6
2	Plasma metabolomics reveals disrupted response and recovery following maximal exercise in myalgic encephalomyelitis/chronic fatigue syndrome. JCI Insight, 2022, 7, .	2.3	24
3	Improving the efficiency of Rubisco by resurrecting its ancestors in the family Solanaceae. Science Advances, 2022, 8, eabm6871.	4.7	32
4	Survey of Anti-Pathogen Antibody Levels in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. Proteomes, 2022, 10, 21.	1.7	7
5	Fluorescent Labeling and Confocal Microcopy of Plastids and Stromules. Methods in Molecular Biology, 2021, 2317, 109-132.	0.4	0
6	A RanBP2-type zinc finger protein functions in intron splicing in Arabidopsis mitochondria and is involved in the biogenesis of respiratory complex I. Nucleic Acids Research, 2021, 49, 3490-3506.	6.5	12
7	A procedure to introduce point mutations into the Rubisco large subunit gene in wildâ€type plants. Plant Journal, 2021, 106, 876-887.	2.8	17
8	The Enterovirus Theory of Disease Etiology in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: A Critical Review. Frontiers in Medicine, 2021, 8, 688486.	1.2	23
9	Absence of carbonic anhydrase in chloroplasts affects C ₃ plant development but not photosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	30
10	In-Depth Analysis of the Plasma Proteome in ME/CFS Exposes Disrupted Ephrin-Eph and Immune System Signaling. Proteomes, 2021, 9, 6.	1.7	11
11	GoldBricks: an improved cloning strategy that combines features of Golden Gate and BioBricks for better efficiency and usability. Synthetic Biology, 2021, 6, ysab032.	1.2	2
12	Cytokine profiling of extracellular vesicles isolated from plasma in myalgic encephalomyelitis/chronic fatigue syndrome: a pilot study. Journal of Translational Medicine, 2020, 18, 387.	1.8	21
13	Small subunits can determine enzyme kinetics of tobacco Rubisco expressed in Escherichia coli. Nature Plants, 2020, 6, 1289-1299.	4.7	35
14	Stromules, functional extensions of plastids within the plant cell. Current Opinion in Plant Biology, 2020, 58, 25-32.	3.5	22
15	Hybrid Cyanobacterial-Tobacco Rubisco Supports Autotrophic Growth and Procarboxysomal Aggregation. Plant Physiology, 2020, 182, 807-818.	2.3	23
16	Letter to the Editor of Metabolites. Metabolites, 2020, 10, 216.	1.3	8
17	Arabidopsis RanBP2-Type Zinc Finger Proteins Related to Chloroplast RNA Editing Factor OZ1. Plants, 2020, 9, 307.	1.6	6
18	Comprehensive Circulatory Metabolomics in ME/CFS Reveals Disrupted Metabolism of Acyl Lipids and Steroids. Metabolites, 2020, 10, 34.	1.3	53

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19	Myalgic encephalomyelitis/chronic fatigue syndrome patients exhibit altered T cell metabolism and cytokine associations. Journal of Clinical Investigation, 2020, 130, 1491-1505.	3.9	82
20	Field-grown tobacco plants maintain robust growth while accumulating large quantities of a bacterial cellulase in chloroplasts. Nature Plants, 2019, 5, 715-721.	4.7	20
21	Red algal Rubisco fails to accumulate in transplastomic tobacco expressing <i>GriffithsiaÂmonilis RbcL</i> and <i>RbcS</i> genes. Plant Direct, 2018, 2, e00045.	0.8	24
22	Stromules: Probing Formation and Function. Plant Physiology, 2018, 176, 128-137.	2.3	82
23	Prospective Biomarkers from Plasma Metabolomics of Myalgic Encephalomyelitis/Chronic Fatigue Syndrome Implicate Redox Imbalance in Disease Symptomatology. Metabolites, 2018, 8, 90.	1.3	40
24	A downstream box fusion allows stable accumulation of a bacterial cellulase in Chlamydomonas reinhardtii chloroplasts. Biotechnology for Biofuels, 2018, 11, 133.	6.2	20
25	Eukaryotes in the gut microbiota in myalgic encephalomyelitis/chronic fatigue syndrome. PeerJ, 2018, 6, e4282.	0.9	33
26	ORRM5, an RNA recognition motif-containing protein, has a unique effect on mitochondrial RNA editing. Journal of Experimental Botany, 2017, 68, 2833-2847.	2.4	30
27	Functional diversity of Arabidopsis organelleâ€localized <scp>RNA</scp>â€recognition motifâ€containing proteins. Wiley Interdisciplinary Reviews RNA, 2017, 8, e1420.	3.2	12
28	An Organelle RNA Recognition Motif Protein is Required for Photosynthetic Subunit psbF Transcript Editing. Plant Physiology, 2017, 173, pp.01623.2016.	2.3	33
29	Metabolic profiling of a myalgic encephalomyelitis/chronic fatigue syndrome discovery cohort reveals disturbances in fatty acid and lipid metabolism. Molecular BioSystems, 2017, 13, 371-379.	2.9	113
30	A protein with an unusually short PPR domain, MEF8, affects editing at over 60 Arabidopsis mitochondrial C targets of RNA editing. Plant Journal, 2017, 92, 638-649.	2.8	37
31	The gut microbiome in Myalgic Encephalomyelitis. Biochemist, 2017, 39, 10-13.	0.2	6
32	A Pair of Identical Twins Discordant for Myalgic Encephalomyelitis/Chronic Fatigue Syndrome Differ in Physiological Parameters and Gut Microbiome Composition. American Journal of Case Reports, 2016, 17, 720-729.	0.3	25
33	Towards engineering carboxysomes into C3 plants. Plant Journal, 2016, 87, 38-50.	2.8	75
34	Association of mitochondrial DNA variants with myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS) symptoms. Journal of Translational Medicine, 2016, 14, 342.	1.8	4
35	RNA Recognition Motif-Containing Protein ORRM4 Broadly Affects Mitochondrial RNA Editing and Impacts Plant Development and Flowering. Plant Physiology, 2016, 170, 294-309.	2.3	65
36	Organelle RNA recognition motif-containing (ORRM) proteins are plastid and mitochondrial editing factors in Arabidopsis. Plant Signaling and Behavior, 2016, 11, e1167299.	1.2	37

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37	The Unexpected Diversity of Plant Organelle RNA Editosomes. Trends in Plant Science, 2016, 21, 962-973.	4.3	151
38	Reduced diversity and altered composition of the gut microbiome in individuals with myalgic encephalomyelitis/chronic fatigue syndrome. Microbiome, 2016, 4, 30.	4.9	263
39	Mitochondrial DNA variants correlate with symptoms in myalgic encephalomyelitis/chronic fatigue syndrome. Journal of Translational Medicine, 2016, 14, 19.	1.8	42
40	Transgenic tobacco plants with improved cyanobacterial Rubisco expression but no extra assembly factors grow at near wildâ€type rates if provided with elevated <scp>CO</scp>₂. Plant Journal, 2016, 85, 148-160.	2.8	102
41	Highâ€throughput quantification of chloroplast RNA editing extent using multiplex <scp>RT</scp>â€<scp>PCR</scp> mass spectrometry. Plant Journal, 2015, 83, 546-554.	2.8	15
42	Cytidine Deaminase Motifs within the DYW Domain of Two Pentatricopeptide Repeat-containing Proteins Are Required for Site-specific Chloroplast RNA Editing. Journal of Biological Chemistry, 2015, 290, 2957-2968.	1.6	96
43	Green to red photoconversion of GFP for protein tracking in vivo. Scientific Reports, 2015, 5, 11771.	1.6	28
44	Reactive oxygen species signal chloroplasts to extend themselves. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9799-9800.	3.3	5
45	Redesigning photosynthesis to sustainably meet global food and bioenergy demand. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8529-8536.	3.3	751
46	A Zinc Finger Motif-Containing Protein Is Essential for Chloroplast RNA Editing. PLoS Genetics, 2015, 11, e1005028.	1.5	99
47	Two RNA recognition motif-containing proteins are plant mitochondrial editing factors. Nucleic Acids Research, 2015, 43, 3814-3825.	6.5	55
48	The impact of solvent type and mixing ratios of solvents on the properties of polyurethane based electrospun nanofibers. Applied Surface Science, 2015, 334, 227-230.	3.1	48
49	Î²â€Carboxysomal proteins assemble into highly organized structures in <i>Nicotiana</i> chloroplasts. Plant Journal, 2014, 79, 1-12.	2.8	129
50	A faster Rubisco with potential to increase photosynthesis in crops. Nature, 2014, 513, 547-550.	13.7	379
51	Fluorescent Labeling and Confocal Microscopic Imaging of Chloroplasts and Non-green Plastids. Methods in Molecular Biology, 2014, 1132, 125-143.	0.4	1
52	Chloroplast transformation for engineering of photosynthesis. Journal of Experimental Botany, 2013, 64, 731-742.	2.4	49
53	Bacteriophage 5â€² untranslated regions for control of plastid transgene expression. Planta, 2013, 237, 517-527.	1.6	11
54	Arabidopsis myosin XI sub-domains homologous to the yeast myo2p organelle inheritance sub-domain target subcellular structures in plant cells. Frontiers in Plant Science, 2013, 4, 407.	1.7	16

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55	Comprehensive High-Resolution Analysis of the Role of an Arabidopsis Gene Family in RNA Editing. PLoS Genetics, 2013, 9, e1003584.	1.5	168
56	An RNA recognition motif-containing protein is required for plastid RNA editing in <i>Arabidopsis</i> and maize. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1169-78.	3.3	131
57	Trafficking of Proteins through Plastid Stromules. Plant Cell, 2013, 25, 2774-2782.	3.1	50
58	Quantitative trait locus mapping identifies REME2, a PPR-DYW protein required for editing of specific C targets in Arabidopsis mitochondria. RNA Biology, 2013, 10, 1520-1525.	1.5	18
59	A Multicenter Blinded Analysis Indicates No Association between Chronic Fatigue Syndrome/Myalgic Encephalomyelitis and either Xenotropic Murine Leukemia Virus-Related Virus or Polytropic Murine Leukemia Virus. MBio, 2012, 3, .	1.8	56
60	RIP1, a member of an <i>Arabidopsis</i> protein family, interacts with the protein RARE1 and broadly affects RNA editing. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1453-61.	3.3	198
61	Sensitivity of PCR Assays for Murine Gammaretroviruses and Mouse Contamination in Human Blood Samples. PLoS ONE, 2012, 7, e37482.	1.1	3
62	Analysis of Organelle Targeting by DIL Domains of the Arabidopsis Myosin XI Family. Frontiers in Plant Science, 2011, 2, 72.	1.7	16
63	An efficient downstream box fusion allows high-level accumulation of active bacterial beta-glucosidase in tobacco chloroplasts. Plant Molecular Biology, 2011, 76, 345-355.	2.0	46
64	Detection of MLV-like gag sequences in blood samples from a New York state CFS cohort. Retrovirology, 2011, 8, .	0.9	2
65	Stromules: Recent Insights into a Long Neglected Feature of Plastid Morphology and Function Â. Plant Physiology, 2011, 155, 1486-1492.	2.3	86
66	Chloroplast RNA Metabolism. Annual Review of Plant Biology, 2010, 61, 125-155.	8.6	401
67	Transgenic maize lines with cellâ€type specific expression of fluorescent proteins in plastids. Plant Biotechnology Journal, 2010, 8, 112-125.	4.1	33
68	Natural Variation in Arabidopsis Leads to the Identification of REME1, a Pentatricopeptide Repeat-DYW Protein Controlling the Editing of Mitochondrial Transcripts. Plant Physiology, 2010, 154, 1966-1982.	2.3	42
69	A Myosin XI Tail Domain Homologous to the Yeast Myosin Vacuole-Binding Domain Interacts with Plastids and Stromules in Nicotiana benthamiana. Molecular Plant, 2009, 2, 1351-1358.	3.9	54
70	A comparative genomics approach identifies a PPR-DYW protein that is essential for C-to-U editing of the Arabidopsis chloroplast accD transcript. Rna, 2009, 15, 1142-1153.	1.6	112
71	Highâ€level bacterial cellulase accumulation in chloroplastâ€transformed tobacco mediated by downstream box fusions. Biotechnology and Bioengineering, 2009, 102, 1045-1054.	1.7	74
72	Extensive homologous recombination between introduced and native regulatory plastid DNA elements in transplastomic plants. Transgenic Research, 2009, 18, 559-572.	1.3	45

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73	Cytoplasmic Male Sterility and Fertility Restoration in Petunia. , 2009, , 107-129.		2
74	High Conservation of a 5â€² Element Required for RNA Editing of a C Target in Chloroplast psbE Transcripts. Journal of Molecular Evolution, 2008, 67, 233-245.	0.8	13
75	Effects of <i>arc3</i>, <i>arc5</i> and <i>arc6</i> Mutations on Plastid Morphology and Stromule Formation in Green and Nongreen Tissues of <i>ArabidopsisÂthaliana</i>^{â€}. Photochemistry and Photobiology, 2008, 84, 1324-1335.	1.3	76
76	Dynamic morphology of plastids and stromules in angiosperm plants. Plant, Cell and Environment, 2008, 31, 646-657.	2.8	109
77	Visualization of Rubisco-Containing Bodies Derived from Chloroplasts in Living Cells of Arabidopsis. , 2008, , 1207-1210.		0
78	Mobilization of Rubisco and Stroma-Localized Fluorescent Proteins of Chloroplasts to the Vacuole by an<i>ATG</i>Gene-Dependent Autophagic Process Â. Plant Physiology, 2008, 148, 142-155.	2.3	325
79	Genetic Architecture of Mitochondrial Editing in Arabidopsis thaliana. Genetics, 2008, 178, 1693-1708.	1.2	79
80	Cross-competition in Editing of Chloroplast RNA Transcripts in Vitro Implicates Sharing of Trans-factors between Different C Targets. Journal of Biological Chemistry, 2008, 283, 7314-7319.	1.6	25
81	Assay of Editing of Exogenous RNAs in Chloroplast Extracts of Arabidopsis, Maize, Pea, and Tobacco. Methods in Enzymology, 2007, 424, 459-482.	0.4	18
82	Expression of thermostable microbial cellulases in the chloroplasts of nicotine-free tobacco. Journal of Biotechnology, 2007, 131, 362-369.	1.9	72
83	The petunia restorer of fertility protein is part of a large mitochondrial complex that interacts with transcripts of the CMS-associated locus. Plant Journal, 2007, 49, 217-227.	2.8	82
84	Association of six YFP-myosin XI-tail fusions with mobile plant cell organelles. BMC Plant Biology, 2007, 7, 6.	1.6	101
85	Characterization of the dszABC genes of Gordonia amicalis F.5.25.8 and identification of conserved protein and DNA sequences. Applied Microbiology and Biotechnology, 2007, 75, 843-851.	1.7	31
86	Temperature-sensitive formation of chloroplast protrusions and stromules in mesophyll cells of Arabidopsis thaliana. Protoplasma, 2007, 230, 23-30.	1.0	92
87	Identification of a sequence motif critical for editing of a tobacco chloroplast transcript. Rna, 2006, 13, 281-288.	1.6	39
88	Upregulation of a tonoplast-localized cytochrome P450 during petal senescence in Petunia inflata. BMC Plant Biology, 2006, 6, 8.	1.6	37
89	Sequence elements critical for efficient RNA editing of a tobacco chloroplast transcript in vivo and in vitro. Nucleic Acids Research, 2006, 34, 3742-3754.	6.5	47
90	Substrate and cofactor requirements for RNA editing of chloroplast transcripts in Arabidopsis in vitro. Plant Journal, 2005, 42, 124-132.	2.8	68

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91	The Arabidopsis Mei2 homologue AML1 binds AtRaptor1B, the plant homologue of a major regulator of eukaryotic cell growth. BMC Plant Biology, 2005, 5, 2.	1.6	48
92	The Arabidopsis AtRaptor genes are essential for post-embryonic plant growth. BMC Biology, 2005, 3, 12.	1.7	150
93	Ecotype Allelic Variation in C-to-U Editing Extent of a Mitochondrial Transcript Identifies RNA-Editing Quantitative Trait Loci in Arabidopsis. Plant Physiology, 2005, 139, 2006-2016.	2.3	35
94	Expression of complementary RNA from chloroplast transgenes affects editing efficiency of transgene and endogenous chloroplast transcripts. Nucleic Acids Research, 2005, 33, 1454-1464.	6.5	31
95	GFP-labelled Rubisco and aspartate aminotransferase are present in plastid stromules and traffic between plastids. Journal of Experimental Botany, 2004, 55, 595-604.	2.4	71
96	Stromules and the dynamic nature of plastid morphology. Journal of Microscopy, 2004, 214, 124-137.	0.8	125
97	In vivo analysis of interactions between GFP-labeled microfilaments and plastid stromules. BMC Plant Biology, 2004, 4, 2.	1.6	74
98	Diversification of Genes Encoding Mei2-Like RNA Binding Proteins in Plants. Plant Molecular Biology, 2004, 54, 653-670.	2.0	36
99	Plastids and stromules interact with the nucleus and cell membrane in vascular plants. Plant Cell Reports, 2004, 23, 188-195.	2.8	107
100	RNA editing in ribosome-less plastids of iojap maize. Current Genetics, 2004, 45, 331-337.	0.8	25
101	Genetics and genomics of chloroplast biogenesis: maize as a model system. Trends in Plant Science, 2004, 9, 293-301.	4.3	124
102	Interactions of Mitochondrial and Nuclear Genes That Affect Male Gametophyte Development. Plant Cell, 2004, 16, S154-S169.	3.1	742
103	Microfilaments and microtubules control the morphology and movement of non-green plastids and stromules in Nicotiana tabacum. Plant Journal, 2003, 35, 16-26.	2.8	106
104	Developmental co-variation of RNA editing extent of plastid editing sites exhibiting similar cis-elements. Nucleic Acids Research, 2003, 31, 2586-2594.	6.5	58
105	A pentatricopeptide repeat-containing gene restores fertility to cytoplasmic male-sterile plants. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 10887-10892.	3.3	447
106	Cross-Competition in Transgenic Chloroplasts Expressing Single Editing Sites Reveals Shared cis Elements. Molecular and Cellular Biology, 2002, 22, 8448-8456.	1.1	82
107	Transcript abundance supercedes editing efficiency as a factor in developmental variation of chloroplast gene expression. Rna, 2002, 8, 497-511.	1.6	73
108	High-susceptibility of photosynthesis to photoinhibition in the tropical plant Ficus microcarpa L. f. cv. Golden Leaves. BMC Plant Biology, 2002, 2, 2.	1.6	21

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109	Edited transcripts compete with unedited mRNAs for trans-acting editing factors in higher plant chloroplasts. Gene, 2001, 272, 165-171.	1.0	26
110	GFP imaging: methodology and application to investigate cellular compartmentation in plants. Journal of Experimental Botany, 2001, 52, 529-539.	2.4	58
111	Identification of a BIBAC clone that co-segregates with the petunia Restorer of fertility (Rf) gene. Molecular Genetics and Genomics, 2001, 266, 223-230.	1.0	25
112	High-level expression of a synthetic red-shifted GFP coding region incorporated into transgenic chloroplasts. Plant Journal, 2001, 27, 257-265.	2.8	37
113	A single alteration 20 nt 5' to an editing target inhibits chloroplast RNA editing in vivo. Nucleic Acids Research, 2001, 29, 1507-1513.	6.5	50
114	GFP imaging: methodology and application to investigate cellular compartmentation in plants. Journal of Experimental Botany, 2001, 52, 529-539.	2.4	180
115	GFP imaging: methodology and application to investigate cellular compartmentation in plants. Journal of Experimental Botany, 2001, 52, 529-39.	2.4	58
116	Programmed Cell Death during Pollination-Induced Petal Senescence in Petunia. Plant Physiology, 2000, 122, 1323-1334.	2.3	160
117	Mitochondrial gene organization and expression in petunia male fertile and sterile plants. , 1999, 90, 362-368.		25
118	Locating the petunia Rf gene on a 650-kb DNA fragment. Theoretical and Applied Genetics, 1998, 96, 980-988.	1.8	19
119	A heterologous maize rpoB editing site is recognized by transgenic tobacco chloroplasts. Molecular and Cellular Biology, 1997, 17, 6948-6952.	1.1	44
120	Exchange of Protein Molecules Through Connections Between Higher Plant Plastids. Science, 1997, 276, 2039-2042.	6.0	554
121	Cryostat Tissue Printing: An Improved Method for Histochemical and Immunocytochemical Localization in Soft Tissues. BioTechniques, 1997, 22, 488-496.	0.8	7
122	The green fluorescent protein as a marker to visualize plant mitochondria in vivo. Plant Journal, 1997, 11, 613-621.	2.8	245
123	Plant organelle gene expression: Altered by RNA editing. Trends in Plant Science, 1996, 1, 57-64.	4.3	67
124	Protein Polymorphism Generated by Differential RNA Editing of a Plant Mitochondrial <i>rps12</i> Gene. Molecular and Cellular Biology, 1996, 16, 1543-1549.	1.1	54
125	Preferential RNA editing at specific sites within transcripts of two plant mitochondrial genes does not depend on transcriptional context or nuclear genotype. Current Genetics, 1996, 30, 502-508.	0.8	28
126	Fully Edited and Partially Edited nad9 Transcripts Differ in Size and Both Are Associated With Polysomes in Potato Mitochondria. Nucleic Acids Research, 1996, 24, 1369-1374.	6.5	36

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127	Protein Products of Incompletely Edited Transcripts Are Detected in Plant Mitochondria. Plant Cell, 1996, 8, 1.	3.1	5
128	How do alterations in plant mitochondrial genomes disrupt pollen development?. Journal of Bioenergetics and Biomembranes, 1995, 27, 447-457.	1.0	55
129	Expression of the CMS-associated urfS sequence in transgenic petunia and tobacco. Plant Molecular Biology, 1995, 28, 83-92.	2.0	34
130	Cytoplasmic Male Sterility in Petunia. Advances in Cellular and Molecular Biology of Plants, 1995, , 497-514.	0.2	3
131	Effects of <i>P</i><i>etunia</i> cytoplasmic male sterile (CMS) cytoplasm on the development of sterile and fertilityâ€restored <i>P.</i><i>parodii</i> anthers. American Journal of Botany, 1994, 81, 630-640.	0.8	10
132	Women in biomedicine: encouragement. Science, 1994, 263, 1357-1358.	6.0	1
133	A Single Homogeneous Form of ATP6 Protein Accumulates in Petunia Mitochondria despite the Presence of Differentially Edited atp6 Transcripts. Plant Cell, 1994, 6, 1955.	3.1	0
134	A single homogeneous form of ATP6 protein accumulates in petunia mitochondria despite the presence of differentially edited atp6 transcripts.. Plant Cell, 1994, 6, 1955-1968.	3.1	90
135	Tissue-Specific Protein Expression in Plant Mitochondria. Plant Cell, 1994, 6, 85.	3.1	15
136	A novel anther-expressed adh-homologous gene in Lycopersicon esculentum. Plant Molecular Biology, 1994, 26, 1875-1891.	2.0	18
137	Sequencing, processing, and localization of the petunia CMS-associated mitochondrial protein. Plant Journal, 1994, 5, 613-623.	2.8	60
138	Recombination of Plant Mitochondrial Genomes. , 1994, , 61-81.		9
139	Effects of Petunia cytoplasmic male sterile (CMS) cytoplasm on the development of sterile and fertility-restored P. parodii anthers. , 1994, 81, 630.		5
140	Molecular studies of cytoplasmic male sterility in Petunia. Advances in Cellular and Molecular Biology of Plants, 1994, , 513-530.	0.2	1
141	Localization of tRNA genes on the Petunia hybrida 3704 mitochondrial genome. Plant Molecular Biology, 1993, 21, 403-407.	2.0	15
142	Editing of rps3/rpl16 transcripts creates a premature truncation of the rpl16 open reading frame. Current Genetics, 1993, 23, 472-476.	0.8	26
143	A truncated recombination repeat in the mitochondrial genome of a Petunia CMS line. Current Genetics, 1993, 23, 477-482.	0.8	13
144	A single nuclear gene specifies the abundance and extent of RNA editing of a plant mitochondrial transcript. Nucleic Acids Research, 1992, 20, 5699-5703.	6.5	69

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145	Structure and Function of the Higher Plant Mitochondrial Genome. International Review of Cytology, 1992, , 129-172.	6.2	82
146	Plant Mitochondrial Mutations and Male Sterility. Annual Review of Genetics, 1991, 25, 461-486.	3.2	404
147	Multiple trans-splicing events are required to produce a mature nad1 transcript in a plant mitochondrion.. Genes and Development, 1991, 5, 1407-1415.	2.7	58
148	Editing of pre-mRNAs can occur before cis- and trans-splicing in Petunia mitochondria.. Molecular and Cellular Biology, 1991, 11, 4274-4277.	1.1	71
149	Transcription of the Petunia mitochondrial CMS-associated Pcf locus in male sterile and fertility-restored lines. Molecular Genetics and Genomics, 1991, 227, 348-355.	2.4	79
150	Splicing of the Petunia cytochrome oxidase subunit II intron. Current Genetics, 1991, 19, 191-197.	0.8	22
151	A termination codon is created by RNA editing in the petunia mitochondrial atp9 gene transcript. Current Genetics, 1991, 19, 61-64.	0.8	68
152	Ribosomal protein S19 is encoded by the mitochondrial genome in Petunia hybrida. Nucleic Acids Research, 1991, 19, 2701-2705.	6.5	41
153	Cytoplasmic Male Sterility in Petunia. , 1991, , 383-399.		10
154	The male sterility-associated pcf gene and the normal atp9-1 gene in Petunia are located on different mitochondrial DNA molecules.. Genetics, 1991, 129, 885-895.	1.2	34
155	Differential Mitochondrial Electron Transport through the Cyanide-Sensitive and Cyanide-Insensitive Pathways in Isonuclear Lines of Cytoplasmic Male Sterile, Male Fertile, and Restored <i>Petunia</i>. Plant Physiology, 1990, 93, 1634-1640.	2.3	52
156	Three copies of a single recombination repeat occur on the 443 kb mastercircle of thePetunia hybrida3704 mitochondrial genome. Nucleic Acids Research, 1989, 17, 7345-7357.	6.5	72
157	Identification of a mitochondrial protein associated with cytoplasmic male sterility in petunia.. Plant Cell, 1989, 1, 1121-1130.	3.1	132
158	Identification of a Mitochondrial Protein Associated with Cytoplasmic Male Sterility in Petunia. Plant Cell, 1989, 1, 1121.	3.1	38
159	Cytochrome oxidase subunit II sequences in Petunia mitochondria: two intron-containing genes and an intron-less pseudogene associated with cytoplasmic male sterility. Current Genetics, 1989, 16, 281-291.	0.8	75
160	A NADH dehydrogenase subunit gene is co-transcribed with the abnormal Petunia mitochondrial gene associated with cytoplasmic male sterility. Molecular Genetics and Genomics, 1989, 215, 332-336.	2.4	64
161	Somatic Hybridization in Tomato. Biotechnology in Agriculture and Forestry, 1989, , 320-335.	0.2	0
162	Sequence and expression of a fused mitochondrial gene, associated with Petunia cytoplasmic male sterility, compared with normal mitochondrial genes in fertile and sterile plants. Philosophical Transactions of the Royal Society of London Series B, Biological Sciences, 1988, 319, 199-208.	2.4	15

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163	A functional mitochondrial ATP synthase proteolipid gene produced by recombination of parental genes in a petunia somatic hybrid.. Genetics, 1988, 118, 155-161.	1.2	22
164	The Isolation of Mitochondria and Mitochondrial DNA. , 1988, , 257-273.		1
165	A fused mitochondrial gene associated with cytoplasmic male sterility is developmentally regulated. Cell, 1987, 50, 41-49.	13.5	336
166	Different transcript abundance of two divergent ATP synthase subunit 9 genes in the mitochondrial genome of Petunia hybrida. Molecular Genetics and Genomics, 1987, 209, 21-27.	2.4	40
167	Recombination between parental mitochondrial DNA following protoplast fusion can occur in a region which normally does not undergo intragenomic recombination in parental plants. Current Genetics, 1987, 12, 235-240.	0.8	35
168	Regeneration of somatic hybrid plants formed between Lycopersicon esculentum and L. pennellii. Theoretical and Applied Genetics, 1987, 75, 83-89.	1.8	46
169	Production and purification of synthetic peptide antibodies. Plant Molecular Biology Reporter, 1987, 5, 295-309.	1.0	17
170	Sequence and transcription analysis of thePetuniamitochondrial gene for the ATP synthase proteolipid subunil. Nucleic Acids Research, 1986, 14, 7995-8006.	6.5	83
171	The isolation of mitochondria and mitochondrial DNA. Methods in Enzymology, 1986, 118, 437-453.	0.4	45
172	Regeneration of somatic hybrid plants formed between Lycopersicon esculentum and Solatium rickii. Theoretical and Applied Genetics, 1986, 72, 59-65.	1.8	67
173	Differential fate of plastid and mitochondrial genomes in Petunia somatic hybrids. Theoretical and Applied Genetics, 1986, 72, 748-755.	1.8	49
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