

Maureen R Hanson

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

191
papers

10,912
citations

57
h-index

98
g-index

201
ext. papers

12,215
ext. citations

8.3
avg, IF

6.47
L-index

#	Paper	IF	Citations
191	Improving the efficiency of Rubisco by resurrecting its ancestors in the family Solanaceae.. <i>Science Advances</i> , 2022 , 8, eabm6871	14.3	1
190	GoldBricks: an improved cloning strategy that combines features of Golden Gate and BioBricks for better efficiency and usability. <i>Synthetic Biology</i> , 2021 , 6, ysab032	3.3	0
189	A procedure to introduce point mutations into the Rubisco large subunit gene in wild-type plants. <i>Plant Journal</i> , 2021 , 106, 876-887	6.9	4
188	The Enterovirus Theory of Disease Etiology in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: A Critical Review. <i>Frontiers in Medicine</i> , 2021 , 8, 688486	4.9	4
187	Fluorescent Labeling and Confocal Microcopy of Plastids and Stromules. <i>Methods in Molecular Biology</i> , 2021 , 2317, 109-132	1.4	
186	A RanBP2-type zinc finger protein functions in intron splicing in Arabidopsis mitochondria and is involved in the biogenesis of respiratory complex I. <i>Nucleic Acids Research</i> , 2021 , 49, 3490-3506	20.1	1
185	Absence of carbonic anhydrase in chloroplasts affects C plant development but not photosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
184	In-Depth Analysis of the Plasma Proteome in ME/CFS Exposes Disrupted Ephrin-Eph and Immune System Signaling. <i>Proteomes</i> , 2021 , 9,	4.6	4
183	Stromules, functional extensions of plastids within the plant cell. <i>Current Opinion in Plant Biology</i> , 2020 , 58, 25-32	9.9	5
182	Hybrid Cyanobacterial-Tobacco Rubisco Supports Autotrophic Growth and Procarboxysomal Aggregation. <i>Plant Physiology</i> , 2020 , 182, 807-818	6.6	11
181	Letter to the Editor of. <i>Metabolites</i> , 2020 , 10,	5.6	2
180	Arabidopsis RanBP2-Type Zinc Finger Proteins Related to Chloroplast RNA Editing Factor OZ1. <i>Plants</i> , 2020 , 9,	4.5	2
179	Comprehensive Circulatory Metabolomics in ME/CFS Reveals Disrupted Metabolism of Acyl Lipids and Steroids. <i>Metabolites</i> , 2020 , 10,	5.6	25
178	Myalgic encephalomyelitis/chronic fatigue syndrome patients exhibit altered T cell metabolism and cytokine associations. <i>Journal of Clinical Investigation</i> , 2020 , 130, 1491-1505	15.9	34
177	Cytokine profiling of extracellular vesicles isolated from plasma in myalgic encephalomyelitis/chronic fatigue syndrome: a pilot study. <i>Journal of Translational Medicine</i> , 2020 , 18, 387	8.5	6
176	Small subunits can determine enzyme kinetics of tobacco Rubisco expressed in Escherichia coli. <i>Nature Plants</i> , 2020 , 6, 1289-1299	11.5	19
175	Field-grown tobacco plants maintain robust growth while accumulating large quantities of a bacterial cellulase in chloroplasts. <i>Nature Plants</i> , 2019 , 5, 715-721	11.5	13

174	Red algal Rubisco fails to accumulate in transplastomic tobacco expressing and genes. <i>Plant Direct</i> , 2018 , 2, e00045	3.3	15
173	Stromules: Probing Formation and Function. <i>Plant Physiology</i> , 2018 , 176, 128-137	6.6	48
172	A downstream box fusion allows stable accumulation of a bacterial cellulase in chloroplasts. <i>Biotechnology for Biofuels</i> , 2018 , 11, 133	7.8	15
171	Eukaryotes in the gut microbiota in myalgic encephalomyelitis/chronic fatigue syndrome. <i>PeerJ</i> , 2018 , 6, e4282	3.1	26
170	Prospective Biomarkers from Plasma Metabolomics of Myalgic Encephalomyelitis/Chronic Fatigue Syndrome Implicate Redox Imbalance in Disease Symptomatology. <i>Metabolites</i> , 2018 , 8,	5.6	21
169	ORRM5, an RNA recognition motif-containing protein, has a unique effect on mitochondrial RNA editing. <i>Journal of Experimental Botany</i> , 2017 , 68, 2833-2847	7	19
168	Functional diversity of Arabidopsis organelle-localized RNA-recognition motif-containing proteins. <i>Wiley Interdisciplinary Reviews RNA</i> , 2017 , 8, e1420	9.3	6
167	An Organelle RNA Recognition Motif Protein Is Required for Photosystem II Subunit Transcript Editing. <i>Plant Physiology</i> , 2017 , 173, 2278-2293	6.6	25
166	Metabolic profiling of a myalgic encephalomyelitis/chronic fatigue syndrome discovery cohort reveals disturbances in fatty acid and lipid metabolism. <i>Molecular BioSystems</i> , 2017 , 13, 371-379		68
165	A protein with an unusually short PPR domain, MEF8, affects editing at over 60 Arabidopsis mitochondrial C targets of RNA editing. <i>Plant Journal</i> , 2017 , 92, 638-649	6.9	20
164	The gut microbiome in Myalgic Encephalomyelitis. <i>Biochemist</i> , 2017 , 39, 10-13	0.5	5
163	Reduced diversity and altered composition of the gut microbiome in individuals with myalgic encephalomyelitis/chronic fatigue syndrome. <i>Microbiome</i> , 2016 , 4, 30	16.6	166
162	Mitochondrial DNA variants correlate with symptoms in myalgic encephalomyelitis/chronic fatigue syndrome. <i>Journal of Translational Medicine</i> , 2016 , 14, 19	8.5	32
161	Transgenic tobacco plants with improved cyanobacterial Rubisco expression but no extra assembly factors grow at near wild-type rates if provided with elevated CO ₂ . <i>Plant Journal</i> , 2016 , 85, 148-60	6.9	77
160	A Pair of Identical Twins Discordant for Myalgic Encephalomyelitis/Chronic Fatigue Syndrome Differ in Physiological Parameters and Gut Microbiome Composition. <i>American Journal of Case Reports</i> , 2016 , 17, 720-729	1.3	13
159	Towards engineering carboxysomes into C3 plants. <i>Plant Journal</i> , 2016 , 87, 38-50	6.9	57
158	Association of mitochondrial DNA variants with myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS) symptoms. <i>Journal of Translational Medicine</i> , 2016 , 14, 342	8.5	3
157	RNA Recognition Motif-Containing Protein ORRM4 Broadly Affects Mitochondrial RNA Editing and Impacts Plant Development and Flowering. <i>Plant Physiology</i> , 2016 , 170, 294-309	6.6	46

156	Organelle RNA recognition motif-containing (ORRM) proteins are plastid and mitochondrial editing factors in Arabidopsis. <i>Plant Signaling and Behavior</i> , 2016 , 11, e1167299	2.5	26
155	The Unexpected Diversity of Plant Organelle RNA Editosomes. <i>Trends in Plant Science</i> , 2016 , 21, 962-973	13.1	102
154	Green to red photoconversion of GFP for protein tracking in vivo. <i>Scientific Reports</i> , 2015 , 5, 11771	4.9	24
153	Reactive oxygen species signal chloroplasts to extend themselves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 9799-800	11.5	5
152	Redesigning photosynthesis to sustainably meet global food and bioenergy demand. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 8529-36	11.5	515
151	A zinc finger motif-containing protein is essential for chloroplast RNA editing. <i>PLoS Genetics</i> , 2015 , 11, e1005028	6	70
150	Two RNA recognition motif-containing proteins are plant mitochondrial editing factors. <i>Nucleic Acids Research</i> , 2015 , 43, 3814-25	20.1	45
149	The impact of solvent type and mixing ratios of solvents on the properties of polyurethane based electrospun nanofibers. <i>Applied Surface Science</i> , 2015 , 334, 227-230	6.7	35
148	High-throughput quantification of chloroplast RNA editing extent using multiplex RT-PCR mass spectrometry. <i>Plant Journal</i> , 2015 , 83, 546-54	6.9	10
147	Cytidine deaminase motifs within the DYW domain of two pentatricopeptide repeat-containing proteins are required for site-specific chloroplast RNA editing. <i>Journal of Biological Chemistry</i> , 2015 , 290, 2957-68	5.4	62
146	Carboxysomal proteins assemble into highly organized structures in Nicotiana chloroplasts. <i>Plant Journal</i> , 2014 , 79, 1-12	6.9	105
145	A faster Rubisco with potential to increase photosynthesis in crops. <i>Nature</i> , 2014 , 513, 547-50	50.4	299
144	Fluorescent labeling and confocal microscopic imaging of chloroplasts and non-green plastids. <i>Methods in Molecular Biology</i> , 2014 , 1132, 125-43	1.4	1
143	Chloroplast transformation for engineering of photosynthesis. <i>Journal of Experimental Botany</i> , 2013 , 64, 731-42	7	41
142	Bacteriophage 5' untranslated regions for control of plastid transgene expression. <i>Planta</i> , 2013 , 237, 517-27	4.7	8
141	Arabidopsis myosin XI sub-domains homologous to the yeast myo2p organelle inheritance sub-domain target subcellular structures in plant cells. <i>Frontiers in Plant Science</i> , 2013 , 4, 407	6.2	13
140	Comprehensive high-resolution analysis of the role of an Arabidopsis gene family in RNA editing. <i>PLoS Genetics</i> , 2013 , 9, e1003584	6	115
139	An RNA recognition motif-containing protein is required for plastid RNA editing in Arabidopsis and maize. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E1169-78	11.5	103

138	Trafficking of proteins through plastid stromules. <i>Plant Cell</i> , 2013 , 25, 2774-82	11.6	42
137	Quantitative trait locus mapping identifies REME2, a PPR-DYW protein required for editing of specific C targets in Arabidopsis mitochondria. <i>RNA Biology</i> , 2013 , 10, 1520-5	4.8	16
136	RIP1, a member of an Arabidopsis protein family, interacts with the protein RARE1 and broadly affects RNA editing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E1453-61	11.5	158
135	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. <i>MBio</i> , 2012 , 3,	7.8	41
134	Sensitivity of PCR assays for murine gammaretroviruses and mouse contamination in human blood samples. <i>PLoS ONE</i> , 2012 , 7, e37482	3.7	3
133	Analysis of Organelle Targeting by DIL Domains of the Arabidopsis Myosin XI Family. <i>Frontiers in Plant Science</i> , 2011 , 2, 72	6.2	11
132	An efficient downstream box fusion allows high-level accumulation of active bacterial beta-glucosidase in tobacco chloroplasts. <i>Plant Molecular Biology</i> , 2011 , 76, 345-55	4.6	42
131	Stromules: recent insights into a long neglected feature of plastid morphology and function. <i>Plant Physiology</i> , 2011 , 155, 1486-92	6.6	75
130	Transgenic maize lines with cell-type specific expression of fluorescent proteins in plastids. <i>Plant Biotechnology Journal</i> , 2010 , 8, 112-25	11.6	28
129	Natural variation in Arabidopsis leads to the identification of REME1, a pentatricopeptide repeat-DYW protein controlling the editing of mitochondrial transcripts. <i>Plant Physiology</i> , 2010 , 154, 1966-82	6.6	40
128	Chloroplast RNA metabolism. <i>Annual Review of Plant Biology</i> , 2010 , 61, 125-55	30.7	312
127	A myosin XI tail domain homologous to the yeast myosin vacuole-binding domain interacts with plastids and stromules in <i>Nicotiana benthamiana</i> . <i>Molecular Plant</i> , 2009 , 2, 1351-8	14.4	50
126	A comparative genomics approach identifies a PPR-DYW protein that is essential for C-to-U editing of the Arabidopsis chloroplast accD transcript. <i>Rna</i> , 2009 , 15, 1142-53	5.8	101
125	High-level bacterial cellulase accumulation in chloroplast-transformed tobacco mediated by downstream box fusions. <i>Biotechnology and Bioengineering</i> , 2009 , 102, 1045-54	4.9	68
124	Extensive homologous recombination between introduced and native regulatory plastid DNA elements in transplastomic plants. <i>Transgenic Research</i> , 2009 , 18, 559-72	3.3	36
123	Cytoplasmic Male Sterility and Fertility Restoration in <i>Petunia</i> 2009 , 107-129		2
122	Effects of arc3, arc5 and arc6 mutations on plastid morphology and stromule formation in green and nongreen tissues of <i>Arabidopsis thaliana</i> . <i>Photochemistry and Photobiology</i> , 2008 , 84, 1324-35	3.6	55
121	Dynamic morphology of plastids and stromules in angiosperm plants. <i>Plant, Cell and Environment</i> , 2008 , 31, 646-57	8.4	97

120	Visualization of Rubisco-Containing Bodies Derived from Chloroplasts in Living Cells of Arabidopsis 2008 , 1207-1210		
119	Mobilization of rubisco and stroma-localized fluorescent proteins of chloroplasts to the vacuole by an ATG gene-dependent autophagic process. <i>Plant Physiology</i> , 2008 , 148, 142-55	6.6	254
118	Genetic architecture of mitochondrial editing in Arabidopsis thaliana. <i>Genetics</i> , 2008 , 178, 1693-708	4	76
117	Cross-competition in editing of chloroplast RNA transcripts in vitro implicates sharing of trans-factors between different C targets. <i>Journal of Biological Chemistry</i> , 2008 , 283, 7314-9	5.4	22
116	High conservation of a 5' element required for RNA editing of a C target in chloroplast psbE transcripts. <i>Journal of Molecular Evolution</i> , 2008 , 67, 233-45	3.1	13
115	The petunia restorer of fertility protein is part of a large mitochondrial complex that interacts with transcripts of the CMS-associated locus. <i>Plant Journal</i> , 2007 , 49, 217-27	6.9	69
114	Association of six YFP-myosin XI-tail fusions with mobile plant cell organelles. <i>BMC Plant Biology</i> , 2007 , 7, 6	5.3	90
113	Characterization of the dszABC genes of <i>Gordonia amicalis</i> F.5.25.8 and identification of conserved protein and DNA sequences. <i>Applied Microbiology and Biotechnology</i> , 2007 , 75, 843-51	5.7	23
112	Temperature-sensitive formation of chloroplast protrusions and stromules in mesophyll cells of Arabidopsis thaliana. <i>Protoplasma</i> , 2007 , 230, 23-30	3.4	82
111	Assay of editing of exogenous RNAs in chloroplast extracts of Arabidopsis, maize, pea, and tobacco. <i>Methods in Enzymology</i> , 2007 , 424, 459-82	1.7	17
110	Expression of thermostable microbial cellulases in the chloroplasts of nicotine-free tobacco. <i>Journal of Biotechnology</i> , 2007 , 131, 362-9	3.7	65
109	Identification of a sequence motif critical for editing of a tobacco chloroplast transcript. <i>Rna</i> , 2007 , 13, 281-8	5.8	36
108	Upregulation of a tonoplast-localized cytochrome P450 during petal senescence in <i>Petunia inflata</i> . <i>BMC Plant Biology</i> , 2006 , 6, 8	5.3	33
107	Sequence elements critical for efficient RNA editing of a tobacco chloroplast transcript in vivo and in vitro. <i>Nucleic Acids Research</i> , 2006 , 34, 3742-54	20.1	44
106	Expression of complementary RNA from chloroplast transgenes affects editing efficiency of transgene and endogenous chloroplast transcripts. <i>Nucleic Acids Research</i> , 2005 , 33, 1454-64	20.1	29
105	Substrate and cofactor requirements for RNA editing of chloroplast transcripts in Arabidopsis in vitro. <i>Plant Journal</i> , 2005 , 42, 124-32	6.9	63
104	The Arabidopsis Mei2 homologue AML1 binds AtRaptor1B, the plant homologue of a major regulator of eukaryotic cell growth. <i>BMC Plant Biology</i> , 2005 , 5, 2	5.3	42
103	The Arabidopsis AtRaptor genes are essential for post-embryonic plant growth. <i>BMC Biology</i> , 2005 , 3, 12	7.3	117

102	Ecotype allelic variation in C-to-U editing extent of a mitochondrial transcript identifies RNA-editing quantitative trait loci in Arabidopsis. <i>Plant Physiology</i> , 2005 , 139, 2006-16	6.6	33
101	GFP-labelled Rubisco and aspartate aminotransferase are present in plastid stromules and traffic between plastids. <i>Journal of Experimental Botany</i> , 2004 , 55, 595-604	7	62
100	Stromules and the dynamic nature of plastid morphology. <i>Journal of Microscopy</i> , 2004 , 214, 124-37	1.9	99
99	In vivo analysis of interactions between GFP-labeled microfilaments and plastid stromules. <i>BMC Plant Biology</i> , 2004 , 4, 2	5.3	65
98	Diversification of genes encoding mei2 -like RNA binding proteins in plants. <i>Plant Molecular Biology</i> , 2004 , 54, 653-70	4.6	33
97	Plastids and stromules interact with the nucleus and cell membrane in vascular plants. <i>Plant Cell Reports</i> , 2004 , 23, 188-95	5.1	96
96	RNA editing in ribosome-less plastids of iojap maize. <i>Current Genetics</i> , 2004 , 45, 331-7	2.9	24
95	Genetics and genomics of chloroplast biogenesis: maize as a model system. <i>Trends in Plant Science</i> , 2004 , 9, 293-301	13.1	103
94	Interactions of mitochondrial and nuclear genes that affect male gametophyte development. <i>Plant Cell</i> , 2004 , 16 Suppl, S154-69	11.6	608
93	Developmental co-variation of RNA editing extent of plastid editing sites exhibiting similar cis-elements. <i>Nucleic Acids Research</i> , 2003 , 31, 2586-94	20.1	51
92	Microfilaments and microtubules control the morphology and movement of non-green plastids and stromules in <i>Nicotiana tabacum</i> . <i>Plant Journal</i> , 2003 , 35, 16-26	6.9	93
91	High-susceptibility of photosynthesis to photoinhibition in the tropical plant <i>Ficus microcarpa</i> L. f. cv. Golden Leaves. <i>BMC Plant Biology</i> , 2002 , 2, 2	5.3	14
90	A pentatricopeptide repeat-containing gene restores fertility to cytoplasmic male-sterile plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 10887-92	11.5	390
89	Cross-competition in transgenic chloroplasts expressing single editing sites reveals shared cis elements. <i>Molecular and Cellular Biology</i> , 2002 , 22, 8448-56	4.8	79
88	Transcript abundance supercedes editing efficiency as a factor in developmental variation of chloroplast gene expression. <i>Rna</i> , 2002 , 8, 497-511	5.8	65
87	GFP imaging: methodology and application to investigate cellular compartmentation in plants. <i>Journal of Experimental Botany</i> , 2001 , 52, 529-539	7	13
86	Identification of a BIBAC clone that co-segregates with the petunia restorer of fertility (Rf) gene. <i>Molecular Genetics and Genomics</i> , 2001 , 266, 223-30	3.1	24
85	High-level expression of a synthetic red-shifted GFP coding region incorporated into transgenic chloroplasts. <i>Plant Journal</i> , 2001 , 27, 257-65	6.9	36

84	A single alteration 20 nt 5' to an editing target inhibits chloroplast RNA editing in vivo. <i>Nucleic Acids Research</i> , 2001 , 29, 1507-13	20.1	47
83	GFP imaging: methodology and application to investigate cellular compartmentation in plants. <i>Journal of Experimental Botany</i> , 2001 , 52, 529-539	7	164
82	Edited transcripts compete with unedited mRNAs for trans-acting editing factors in higher plant chloroplasts. <i>Gene</i> , 2001 , 272, 165-71	3.8	23
81	GFP imaging: methodology and application to investigate cellular compartmentation in plants. <i>Journal of Experimental Botany</i> , 2001 , 52, 529-39	7	55
80	Programmed cell death during pollination-induced petal senescence in petunia. <i>Plant Physiology</i> , 2000 , 122, 1323-33	6.6	148
79	Mitochondrial gene organization and expression in petunia male fertile and sterile plants. <i>Journal of Heredity</i> , 1999 , 90, 362-8	2.4	18
78	Locating the petunia Rf gene on a 650-kb DNA fragment. <i>Theoretical and Applied Genetics</i> , 1998 , 96, 980-988	16	
77	A heterologous maize rpoB editing site is recognized by transgenic tobacco chloroplasts. <i>Molecular and Cellular Biology</i> , 1997 , 17, 6948-52	4.8	42
76	Exchange of protein molecules through connections between higher plant plastids. <i>Science</i> , 1997 , 276, 2039-42	33.3	495
75	Cryostat tissue printing: an improved method for histochemical and immunocytochemical localization in soft tissues. <i>BioTechniques</i> , 1997 , 22, 488, 491-6	2.5	7
74	The green fluorescent protein as a marker to visualize plant mitochondria in vivo. <i>Plant Journal</i> , 1997 , 11, 613-21	6.9	212
73	Fully edited and partially edited nad9 transcripts differ in size and both are associated with polysomes in potato mitochondria. <i>Nucleic Acids Research</i> , 1996 , 24, 1369-74	20.1	29
72	Protein Products of Incompletely Edited Transcripts Are Detected in Plant Mitochondria. <i>Plant Cell</i> , 1996 , 8, 1	11.6	1
71	Plant organelle gene expression: Altered by RNA editing. <i>Trends in Plant Science</i> , 1996 , 1, 57-64	13.1	59
70	Protein polymorphism generated by differential RNA editing of a plant mitochondrial rps12 gene. <i>Molecular and Cellular Biology</i> , 1996 , 16, 1543-9	4.8	46
69	Preferential RNA editing at specific sites within transcripts of two plant mitochondrial genes does not depend on transcriptional context or nuclear genotype. <i>Current Genetics</i> , 1996 , 30, 502-8	2.9	22
68	How do alterations in plant mitochondrial genomes disrupt pollen development?. <i>Journal of Bioenergetics and Biomembranes</i> , 1995 , 27, 447-57	3.7	50
67	Expression of the CMS-associated urfS sequence in transgenic petunia and tobacco. <i>Plant Molecular Biology</i> , 1995 , 28, 83-92	4.6	31

66	Cytoplasmic Male Sterility in Petunia. <i>Advances in Cellular and Molecular Biology of Plants</i> , 1995 , 497-514		3
65	Effects of Petunia cytoplasmic male sterile (CMS) cytoplasm on the development of sterile and fertility-restored <i>P. parodii</i> anthers. <i>American Journal of Botany</i> , 1994 , 81, 630-640	2.7	7
64	A Single Homogeneous Form of ATP6 Protein Accumulates in Petunia Mitochondria despite the Presence of Differentially Edited atp6 Transcripts. <i>Plant Cell</i> , 1994 , 6, 1955-68	11.6	
63	A single homogeneous form of ATP6 protein accumulates in petunia mitochondria despite the presence of differentially edited atp6 transcripts. <i>Plant Cell</i> , 1994 , 6, 1955-68	11.6	80
62	Tissue-Specific Protein Expression in Plant Mitochondria. <i>Plant Cell</i> , 1994 , 6, 85	11.6	7
61	A novel anther-expressed adh-homologous gene in <i>Lycopersicon esculentum</i> . <i>Plant Molecular Biology</i> , 1994 , 26, 1875-91	4.6	14
60	Sequencing, processing, and localization of the petunia CMS-associated mitochondrial protein. <i>Plant Journal</i> , 1994 , 5, 613-23	6.9	51
59	Effects of Petunia cytoplasmic male sterile (CMS) cytoplasm on the development of sterile and fertility-restored <i>P. parodii</i> anthers 1994 , 81, 630		5
58	Recombination of Plant Mitochondrial Genomes 1994 , 61-81		5
57	Molecular studies of cytoplasmic male sterility in Petunia. <i>Advances in Cellular and Molecular Biology of Plants</i> , 1994 , 513-530		
56	Localization of tRNA genes on the Petunia hybrida 3704 mitochondrial genome. <i>Plant Molecular Biology</i> , 1993 , 21, 403-7	4.6	15
55	Editing of rps3/rpl16 transcripts creates a premature truncation of the rpl16 open reading frame. <i>Current Genetics</i> , 1993 , 23, 472-6	2.9	25
54	A truncated recombination repeat in the mitochondrial genome of a Petunia CMS line. <i>Current Genetics</i> , 1993 , 23, 477-82	2.9	12
53	A single nuclear gene specifies the abundance and extent of RNA editing of a plant mitochondrial transcript. <i>Nucleic Acids Research</i> , 1992 , 20, 5699-703	20.1	67
52	Structure and Function of the Higher Plant Mitochondrial Genome. <i>International Review of Cytology</i> , 1992 , 129-172		57
51	Editing of pre-mRNAs can occur before cis- and trans-splicing in Petunia mitochondria. <i>Molecular and Cellular Biology</i> , 1991 , 11, 4274-7	4.8	70
50	Transcription of the Petunia mitochondrial CMS-associated Pcf locus in male sterile and fertility-restored lines. <i>Molecular Genetics and Genomics</i> , 1991 , 227, 348-55		62
49	Splicing of the Petunia cytochrome oxidase subunit II intron. <i>Current Genetics</i> , 1991 , 19, 191-7	2.9	19

48	A termination codon is created by RNA editing in the petunia atp9 transcript. <i>Current Genetics</i> , 1991 , 19, 61-4	2.9	63
47	Ribosomal protein S19 is encoded by the mitochondrial genome in <i>Petunia hybrida</i> . <i>Nucleic Acids Research</i> , 1991 , 19, 2701-5	20.1	36
46	Plant mitochondrial mutations and male sterility. <i>Annual Review of Genetics</i> , 1991 , 25, 461-86	14.5	340
45	Multiple trans-splicing events are required to produce a mature nad1 transcript in a plant mitochondrion. <i>Genes and Development</i> , 1991 , 5, 1407-15	12.6	45
44	The male sterility-associated pcf gene and the normal atp9-1 gene in <i>Petunia</i> are located on different mitochondrial DNA molecules. <i>Genetics</i> , 1991 , 129, 885-95	4	27
43	Cytoplasmic Male Sterility in <i>Petunia</i> 1991 , 383-399		4
42	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> . <i>Plant Physiology</i> , 1990 , 93, 1634-40	6.6	49
41	Three copies of a single recombination repeat occur on the 443 kb master circle of the <i>Petunia hybrida</i> 3704 mitochondrial genome. <i>Nucleic Acids Research</i> , 1989 , 17, 7345-57	20.1	62
40	Identification of a mitochondrial protein associated with cytoplasmic male sterility in <i>petunia</i> . <i>Plant Cell</i> , 1989 , 1, 1121-30	11.6	119
39	Identification of a Mitochondrial Protein Associated with Cytoplasmic Male Sterility in <i>Petunia</i> . <i>Plant Cell</i> , 1989 , 1, 1121	11.6	13
38	Cytochrome oxidase subunit II sequences in <i>Petunia</i> mitochondria: two intron-containing genes and an intron-less pseudogene associated with cytoplasmic male sterility. <i>Current Genetics</i> , 1989 , 16, 281-91	2.9	68
37	A NADH dehydrogenase subunit gene is co-transcribed with the abnormal <i>Petunia</i> mitochondrial gene associated with cytoplasmic male sterility. <i>Molecular Genetics and Genomics</i> , 1989 , 215, 332-6		56
36	Somatic Hybridization in Tomato. <i>Biotechnology in Agriculture and Forestry</i> , 1989 , 320-335		
35	Sequence and expression of a fused mitochondrial gene, associated with <i>Petunia</i> cytoplasmic male sterility, compared with normal mitochondrial genes in fertile and sterile plants. <i>Philosophical Transactions of the Royal Society of London Series B, Biological Sciences</i> , 1988 , 319, 199-208		12
34	A functional mitochondrial ATP synthase proteolipid gene produced by recombination of parental genes in a <i>petunia</i> somatic hybrid. <i>Genetics</i> , 1988 , 118, 155-61	4	20
33	A fused mitochondrial gene associated with cytoplasmic male sterility is developmentally regulated. <i>Cell</i> , 1987 , 50, 41-9	56.2	305
32	Different transcript abundance of two divergent ATP synthase subunit 9 genes in the mitochondrial genome of <i>Petunia hybrida</i> . <i>Molecular Genetics and Genomics</i> , 1987 , 209, 21-7		35
31	Recombination between parental mitochondrial DNA following protoplast fusion can occur in a region which normally does not undergo intragenomic recombination in parental plants. <i>Current Genetics</i> , 1987 , 12, 235-240	2.9	31

30	Regeneration of somatic hybrid plants formed between <i>Lycopersicon esculentum</i> and <i>L. pennellii</i> . <i>Theoretical and Applied Genetics</i> , 1987 , 75, 83-89	6	42
29	Production and purification of synthetic peptide antibodies. <i>Plant Molecular Biology Reporter</i> , 1987 , 5, 295-309	1.7	14
28	Regeneration of somatic hybrid plants formed between <i>Lycopersicon esculentum</i> and <i>Solanum rickii</i> . <i>Theoretical and Applied Genetics</i> , 1986 , 72, 59-65	6	61
27	Differential fate of plastid and mitochondrial genomes in <i>Petunia</i> somatic hybrids. <i>Theoretical and Applied Genetics</i> , 1986 , 72, 748-55	6	47
26	Examination of genome stability in cultured <i>Lycopersicon</i> . <i>Plant Cell Reports</i> , 1986 , 5, 276-9	5.1	15
25	Sequence and transcription analysis of the <i>Petunia</i> mitochondrial gene for the ATP synthase proteolipid subunit. <i>Nucleic Acids Research</i> , 1986 , 14, 7995-8006	20.1	76
24	The isolation of mitochondria and mitochondrial DNA. <i>Methods in Enzymology</i> , 1986 , 118, 437-453	1.7	32
23	Mitochondrial DNA Sequence Divergence among <i>Lycopersicon</i> and Related <i>Solanum</i> Species. <i>Genetics</i> , 1986 , 112, 649-67	4	58
22	Functioning and Variation of Cytoplasmic Genomes: Lessons from Cytoplasmic-Nuclear Interactions Affecting Male Fertility in Plants. <i>International Review of Cytology</i> , 1985 , 94, 213-267		146
21	Somatic hybridization between <i>Lycopersicon esculentum</i> and <i>Lycopersicon pennellii</i> . <i>Theoretical and Applied Genetics</i> , 1985 , 70, 1-12	6	49
20	Intergenomic recombination of mitochondrial genomes in a somatic hybrid plant. <i>Current Genetics</i> , 1985 , 9, 615-618	2.9	85
19	Independent segregation of the plastid genome and cytoplasmic male sterility in <i>Petunia</i> somatic hybrids. <i>Molecular Genetics and Genomics</i> , 1985 , 199, 440-445		33
18	A variant mitochondrial DNA arrangement specific to <i>Petunia</i> stable sterile somatic hybrids. <i>Plant Molecular Biology</i> , 1985 , 4, 125-32	4.6	84
17	<i>Agrobacterium</i> -transformed tomato cells replace the hormone requirement for growth of tomato leaf protoplasts. <i>Plant Science</i> , 1985 , 41, 185-192	5.3	3
16	ORGANELLE SEGREGATION AND RECOMBINATION FOLLOWING PROTOPLAST FUSION: ANALYSIS OF STERILE CYTOPLASMS 1985 , 129-144		9
15	Intraspecific genetic variation in cytokinin-controlled shoot morphogenesis from tissue explants of <i>Petunia hybrida</i> . <i>Plant Science Letters</i> , 1984 , 35, 237-245		13
14	Induction of plastid mutations in tomatoes by nitrosomethylurea. <i>Journal of Heredity</i> , 1984 , 75, 242-246	2.4	42
13	Novel composition of mitochondrial genomes in <i>Petunia</i> somatic hybrids derived from cytoplasmic male sterile and fertile plants. <i>Molecular Genetics and Genomics</i> , 1983 , 190, 459-467		105

12	International Society for Plant Molecular Biology. <i>Nature Biotechnology</i> , 1983 , 1, 38-43	44.5	2
11	Effect of Charcoal and Hormones on Anther Culture of Petunia and Nicotiana. <i>Zeitschrift für Pflanzenphysiologie</i> , 1981 , 102, 109-116		11
10	Anther Culture of Petunia: Genotypes with High Frequency of Callus, Root, or Plantlet Formation. <i>Zeitschrift für Pflanzenphysiologie</i> , 1980 , 100, 131-145		49
9	The ery-M2 Group of <i>Chlamydomonas reinhardtii</i> : Cold-sensitive, Erythromycin-resistant Mutants Deficient in Chloroplast Ribosomes. <i>Journal of General Microbiology</i> , 1978 , 105, 253-262		17
8	Erythromycin resistance and the chloroplast ribosome in <i>Chlamydomonas reinhardtii</i> . <i>Genetics</i> , 1978 , 89, 281-97	4	12
7	Effects of erythromycin on membrane-bound chloroplast ribosomes from wild-type <i>Chlamydomonas reinhardtii</i> and erythromycin-resistant mutants. <i>Nucleic Acids and Protein Synthesis</i> , 1977 , 479, 279-89		8
6	Complementation analysis at the ery-M1 locus in <i>Chlamydomonas reinhardtii</i> . <i>Molecular Genetics and Genomics</i> , 1977 , 153, 271-277		12
5	The Genetics of the Chloroplast Ribosome in <i>Chlamydomonas reinhardtii</i> 1977 , 135-154		5
4	Characterization of chloroplast and cytoplasmic ribosomal proteins of <i>Chlamydomonas reinhardtii</i> by two-dimensional gel electrophoresis. <i>Molecular Genetics and Genomics</i> , 1974 , 132, 105-18		51
3	An altered chloroplast ribosomal protein in ery-M1 mutants of <i>Chlamydomonas reinhardtii</i> . <i>Molecular Genetics and Genomics</i> , 1974 , 132, 119-29		54
2	Evaluating Small UAS Near Midair Collision Risk Using AeroScope and ADS-B. <i>International Journal of Aviation, Aeronautics, and Aerospace</i> ,		5
1	Enzyme kinetics of tobacco Rubisco expressed in <i>Escherichia coli</i> varies depending on the small subunit composition		4