

# Jeffrey D Palmer

## 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.

211  
papers

30,478  
citations

98  
h-index

172  
g-index

216  
ext. papers

33,503  
ext. citations

11.2  
avg, IF

7.05  
L-index

#	Paper	IF	Citations
211	Horizontal gene transfers dominate the functional mitochondrial gene space of a holoparasitic plant. <i>New Phytologist</i> , <b>2021</b> , 229, 1701-1714	9.8	7
210	Organellomic data sets confirm a cryptic consensus on (unrooted) land-plant relationships and provide new insights into bryophyte molecular evolution. <i>American Journal of Botany</i> , <b>2020</b> , 107, 91-115	2.7	18
209	Novel genetic code and record-setting AT-richness in the highly reduced plastid genome of the holoparasitic plant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 934-943	11.5	40
208	High and Variable Rates of Repeat-Mediated Mitochondrial Genome Rearrangement in a Genus of Plants. <i>Molecular Biology and Evolution</i> , <b>2018</b> , 35, 2773-2785	8.3	24
207	Mitochondrial Retroprocessing Promoted Functional Transfers of rpl5 to the Nucleus in Grasses. <i>Molecular Biology and Evolution</i> , <b>2017</b> , 34, 2340-2354	8.3	13
206	Comparative mitogenomics indicates respiratory competence in parasitic <i>Viscum</i> despite loss of complex I and extreme sequence divergence, and reveals horizontal gene transfer and remarkable variation in genome size. <i>BMC Plant Biology</i> , <b>2017</b> , 17, 49	5.3	32
205	Ginkgo and Welwitschia Mitogenomes Reveal Extreme Contrasts in Gymnosperm Mitochondrial Evolution. <i>Molecular Biology and Evolution</i> , <b>2016</b> , 33, 1448-60	8.3	90
204	Miniaturized mitogenome of the parasitic plant <i>Viscum scurruloideum</i> is extremely divergent and dynamic and has lost all nad genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E3515-24	11.5	130
203	Homologous recombination and retention of a single form of most genes shape the highly chimeric mitochondrial genome of a cybrid plant. <i>New Phytologist</i> , <b>2015</b> , 206, 381-396	9.8	32
202	The Complete Moss Mitochondrial Genome in the Angiosperm <i>Amborella</i> Is a Chimera Derived from Two Moss Whole-Genome Transfers. <i>PLoS ONE</i> , <b>2015</b> , 10, e0137532	3.7	12
201	The "fossilized" mitochondrial genome of <i>Liriodendron tulipifera</i> : ancestral gene content and order, ancestral editing sites, and extraordinarily low mutation rate. <i>BMC Biology</i> , <b>2013</b> , 11, 29	7.3	127
200	Unique role for translation initiation factor 3 in the light color regulation of photosynthetic gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 16253-8	11.5	26
199	The <i>Amborella</i> genome and the evolution of flowering plants. <i>Science</i> , <b>2013</b> , 342, 1241089	33.3	546
198	Horizontal transfer of entire genomes via mitochondrial fusion in the angiosperm <i>Amborella</i> . <i>Science</i> , <b>2013</b> , 342, 1468-73	33.3	219
197	Chloroplast phylogeny of Cucurbita: Evolution of the domesticated and wild species. <i>Journal of Systematics and Evolution</i> , <b>2013</b> , 51, 326-334	2.9	17
196	Rapid evolution of enormous, multichromosomal genomes in flowering plant mitochondria with exceptionally high mutation rates. <i>PLoS Biology</i> , <b>2012</b> , 10, e1001241	9.7	335
195	Recent acceleration of plastid sequence and structural evolution coincides with extreme mitochondrial divergence in the angiosperm genus <i>Silene</i> . <i>Genome Biology and Evolution</i> , <b>2012</b> , 4, 294-306	3.9	83

194	Multiple recent horizontal transfers of the cox1 intron in Solanaceae and extended co-conversion of flanking exons. <i>BMC Evolutionary Biology</i> , <b>2011</b> , 11, 277	3	47
193	HGT turbulence: Confounding phylogenetic influence of duplicative horizontal transfer and differential gene conversion. <i>Mobile Genetic Elements</i> , <b>2011</b> , 1, 256-261		18
192	Origins and recombination of the bacterial-sized multichromosomal mitochondrial genome of cucumber. <i>Plant Cell</i> , <b>2011</b> , 23, 2499-513	11.6	189
191	The mitochondrial genome of the legume <i>Vigna radiata</i> and the analysis of recombination across short mitochondrial repeats. <i>PLoS ONE</i> , <b>2011</b> , 6, e16404	3.7	120
190	Extensive loss of RNA editing sites in rapidly evolving <i>Silene</i> mitochondrial genomes: selection vs. retroprocessing as the driving force. <i>Genetics</i> , <b>2010</b> , 185, 1369-80	4	72
189	Localized hypermutation and associated gene losses in legume chloroplast genomes. <i>Genome Research</i> , <b>2010</b> , 20, 1700-10	9.7	168
188	Gorgeous mosaic of mitochondrial genes created by horizontal transfer and gene conversion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 21576-81	11.5	74
187	Insights into the evolution of mitochondrial genome size from complete sequences of <i>Citrullus lanatus</i> and <i>Cucurbita pepo</i> (Cucurbitaceae). <i>Molecular Biology and Evolution</i> , <b>2010</b> , 27, 1436-48	8.3	294
186	Extensive loss of translational genes in the structurally dynamic mitochondrial genome of the angiosperm <i>Silene latifolia</i> . <i>BMC Evolutionary Biology</i> , <b>2010</b> , 10, 274	3	78
185	Horizontal acquisition of multiple mitochondrial genes from a parasitic plant followed by gene conversion with host mitochondrial genes. <i>BMC Biology</i> , <b>2010</b> , 8, 150	7.3	90
184	Fine-scale mergers of chloroplast and mitochondrial genes create functional, transcompartmentally chimeric mitochondrial genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 16728-33	11.5	52
183	Relationships Among Phaseoloid Legumes Based on Sequences from Eight Chloroplast Regions. <i>Systematic Botany</i> , <b>2009</b> , 34, 115-128	0.7	78
182	The draft genome of the transgenic tropical fruit tree papaya ( <i>Carica papaya</i> Linnaeus). <i>Nature</i> , <b>2008</b> , 452, 991-6	50.4	826
181	Horizontal gene transfer in eukaryotic evolution. <i>Nature Reviews Genetics</i> , <b>2008</b> , 9, 605-18	30.1	899
180	The Amborella genome: an evolutionary reference for plant biology. <i>Genome Biology</i> , <b>2008</b> , 9, 402	18.3	52
179	Frequent, phylogenetically local horizontal transfer of the cox1 group I Intron in flowering plant mitochondria. <i>Molecular Biology and Evolution</i> , <b>2008</b> , 25, 1762-77	8.3	119
178	Extensive variation in synonymous substitution rates in mitochondrial genes of seed plants. <i>BMC Evolutionary Biology</i> , <b>2007</b> , 7, 135	3	181
177	Cyanobacterial ribosomal RNA genes with multiple, endonuclease-encoding group I introns. <i>BMC Evolutionary Biology</i> , <b>2007</b> , 7, 159	3	26

176	Horizontal gene transfer in plants. <i>Journal of Experimental Botany</i> , <b>2007</b> , 58, 1-9	7	228
175	Pervasive survival of expressed mitochondrial rps14 pseudogenes in grasses and their relatives for 80 million years following three functional transfers to the nucleus. <i>BMC Evolutionary Biology</i> , <b>2006</b> , 6, 55	3	30
174	The complete chloroplast genome sequence of <i>Pelargonium x hortorum</i> : organization and evolution of the largest and most highly rearranged chloroplast genome of land plants. <i>Molecular Biology and Evolution</i> , <b>2006</b> , 23, 2175-90	8.3	322
173	An exceptional horizontal gene transfer in plastids: gene replacement by a distant bacterial paralog and evidence that haptophyte and cryptophyte plastids are sisters. <i>BMC Biology</i> , <b>2006</b> , 4, 31	7.3	127
172	Patterns of partial RNA editing in mitochondrial genes of <i>Beta vulgaris</i> . <i>Molecular Genetics and Genomics</i> , <b>2006</b> , 276, 285-93	3.1	79
171	Evidence from small-subunit ribosomal RNA sequences for a fungal origin of Microsporidia. <i>Molecular Phylogenetics and Evolution</i> , <b>2005</b> , 36, 606-22	4.1	37
170	Multiple major increases and decreases in mitochondrial substitution rates in the plant family Geraniaceae. <i>BMC Evolutionary Biology</i> , <b>2005</b> , 5, 73	3	124
169	Massive horizontal transfer of mitochondrial genes from diverse land plant donors to the basal angiosperm <i>Amborella</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 17747-52	11.5	194
168	The plant tree of life: an overview and some points of view. <i>American Journal of Botany</i> , <b>2004</b> , 91, 1437-457	4.7	134
167	Mitochondrial substitution rates are extraordinarily elevated and variable in a genus of flowering plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 17741-6	11.5	212
166	Plant genetics: gene transfer from parasitic to host plants. <i>Nature</i> , <b>2004</b> , 432, 165-6	50.4	183
165	Long branch attraction, taxon sampling, and the earliest angiosperms: <i>Amborella</i> or monocots?. <i>BMC Evolutionary Biology</i> , <b>2004</b> , 4, 35	3	106
164	Many independent origins of trans splicing of a plant mitochondrial group II intron. <i>Journal of Molecular Evolution</i> , <b>2004</b> , 59, 80-9	3.1	35
163	Molecular phylogenies of <i>Parabasalia</i> inferred from four protein genes and comparison with rRNA trees. <i>Molecular Phylogenetics and Evolution</i> , <b>2004</b> , 31, 572-80	4.1	43
162	Genome-scale data, angiosperm relationships, and "ending incongruence": a cautionary tale in phylogenetics. <i>Trends in Plant Science</i> , <b>2004</b> , 9, 477-83	13.1	159
161	Phylogenetic analysis reveals five independent transfers of the chloroplast gene <i>rbcl</i> to the mitochondrial genome in angiosperms. <i>Current Genetics</i> , <b>2003</b> , 43, 131-8	2.9	58
160	Evolution of mitochondrial gene content: gene loss and transfer to the nucleus. <i>Molecular Phylogenetics and Evolution</i> , <b>2003</b> , 29, 380-95	4.1	471
159	THE SYMBIOTIC BIRTH AND SPREAD OF PLASTIDS: HOW MANY TIMES AND WHODUNIT?. <i>Journal of Phycology</i> , <b>2003</b> , 39, 4-12	3	195

158	Widespread horizontal transfer of mitochondrial genes in flowering plants. <i>Nature</i> , <b>2003</b> , 424, 197-201	50.4	348
157	Gene transfer from mitochondrion to nucleus: novel mechanisms for gene activation from Cox2. <i>Plant Journal</i> , <b>2002</b> , 30, 11-21	6.9	49
156	Punctuated evolution of mitochondrial gene content: high and variable rates of mitochondrial gene loss and transfer to the nucleus during angiosperm evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 9905-12	11.5	296
155	Genes for two mitochondrial ribosomal proteins in flowering plants are derived from their chloroplast or cytosolic counterparts. <i>Plant Cell</i> , <b>2002</b> , 14, 931-43	11.6	101
154	Mitochondrial gene transfer in pieces: fission of the ribosomal protein gene rpl2 and partial or complete gene transfer to the nucleus. <i>Molecular Biology and Evolution</i> , <b>2001</b> , 18, 2289-97	8.3	52
153	The evolutionary split of Pinaceae from other conifers: evidence from an intron loss and a multigene phylogeny. <i>Molecular Phylogenetics and Evolution</i> , <b>2001</b> , 21, 167-75	4.1	86
152	Many Parallel Losses of infA from Chloroplast DNA during Angiosperm Evolution with Multiple Independent Transfers to the Nucleus. <i>Plant Cell</i> , <b>2001</b> , 13, 645	11.6	5
151	Many parallel losses of infA from chloroplast DNA during angiosperm evolution with multiple independent transfers to the nucleus. <i>Plant Cell</i> , <b>2001</b> , 13, 645-58	11.6	321
150	Multiple losses and transfers to the nucleus of two mitochondrial succinate dehydrogenase genes during angiosperm evolution. <i>Genetics</i> , <b>2001</b> , 158, 1289-300	4	78
149	Multigene phylogeny of land plants with special reference to bryophytes and the earliest land plants. <i>Molecular Biology and Evolution</i> , <b>2000</b> , 17, 1885-95	8.3	208
148	Parabasal flagellates are ancient eukaryotes. <i>Nature</i> , <b>2000</b> , 405, 635-7	50.4	78
147	Repeated, recent and diverse transfers of a mitochondrial gene to the nucleus in flowering plants. <i>Nature</i> , <b>2000</b> , 408, 354-7	50.4	189
146	The cyanobacterial origin and vertical transmission of the plastid tRNA(Leu) group-I intron. <i>Current Genetics</i> , <b>2000</b> , 37, 12-23	2.9	60
145	Seed plant phylogeny inferred from all three plant genomes: monophyly of extant gymnosperms and origin of Gnetales from conifers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2000</b> , 97, 4086-91	11.5	364
144	Evidence from beta-tubulin phylogeny that microsporidia evolved from within the fungi. <i>Molecular Biology and Evolution</i> , <b>2000</b> , 17, 23-31	8.3	261
143	Dynamic evolution of plant mitochondrial genomes: mobile genes and introns and highly variable mutation rates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2000</b> , 97, 6960-6	11.5	245
142	The chloroplast genome arrangement of <i>Lobelia thuliniana</i> (Lobeliaceae): Expansion of the inverted repeat in an ancestor of the Campanulales. <i>Plant Systematics and Evolution</i> , <b>1999</b> , 214, 49-64	1.3	40
141	Shikimate pathway in apicomplexan parasites. <i>Nature</i> , <b>1999</b> , 397, 219-20	50.4	74

140	Investigating deep phylogenetic relationships among cyanobacteria and plastids by small subunit rRNA sequence analysis. <i>Journal of Eukaryotic Microbiology</i> , <b>1999</b> , 46, 327-38	3.6	984
139	Multigene analyses identify the three earliest lineages of extant flowering plants. <i>Current Biology</i> , <b>1999</b> , 9, 1485-8	6.3	182
138	Intracellular gene transfer in action: dual transcription and multiple silencings of nuclear and mitochondrial cox2 genes in legumes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 13863-8	11.5	129
137	Phylogeny of early land plants: insights from genes and genomes. <i>Trends in Plant Science</i> , <b>1999</b> , 4, 26-30	13.1	148
136	The gain of three mitochondrial introns identifies liverworts as the earliest land plants. <i>Nature</i> , <b>1998</b> , 394, 671-4	50.4	286
135	Explosive invasion of plant mitochondria by a group I intron. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1998</b> , 95, 14244-9	11.5	230
134	Chloroplast DNA Evidence on the Origin and Radiation of the Giant Lobelias in Eastern Africa. <i>Systematic Botany</i> , <b>1998</b> , 23, 109	0.7	51
133	The Origin and Evolution of Plastids and Their Genomes <b>1998</b> , 375-409		29
132	Intron "sliding" and the diversity of intron positions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1997</b> , 94, 10739-44	11.5	143
131	Implications for the Phylogeny, Classification, and Biogeography of Solanum from cpDNA Restriction Site Variation. <i>Systematic Botany</i> , <b>1997</b> , 22, 19	0.7	83
130	The origin of plastids and their spread via secondary symbiosis. <i>Plant Systematics and Evolution Supplementum = Entwicklungsgeschichte Und Systematik Der Pflanzen Supplementum</i> , <b>1997</b> , 53-86		100
129	Organelle genomes: going, going, gone!. <i>Science</i> , <b>1997</b> , 275, 790-1	33.3	86
128	A plastid of probable green algal origin in Apicomplexan parasites. <i>Science</i> , <b>1997</b> , 275, 1485-9	33.3	631
127	Isolation and characterization of rad51 orthologs from <i>Coprinus cinereus</i> and <i>Lycopersicon esculentum</i> , and phylogenetic analysis of eukaryotic recA homologs. <i>Current Genetics</i> , <b>1997</b> , 31, 144-57	2.9	78
126	The highly rearranged chloroplast genome of <i>Trachelium caeruleum</i> (Campanulaceae): multiple inversions, inverted repeat expansion and contraction, transposition, insertions/deletions, and several repeat families. <i>Current Genetics</i> , <b>1997</b> , 31, 419-29	2.9	110
125	Mergers of Botany and Biology Departments. <i>Science</i> , <b>1997</b> , 276, 181-185	33.3	
124	Rubisco Surprises in Dinoflagellates. <i>Plant Cell</i> , <b>1996</b> , 8, 343	11.6	0
123	Rampant horizontal transfer and duplication of rubisco genes in eubacteria and plastids. <i>Molecular Biology and Evolution</i> , <b>1996</b> , 13, 873-82	8.3	267

122	Perspectives on archaeal diversity, thermophily and monophyly from environmental rRNA sequences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1996</b> , 93, 9188-93	11.5	512
121	The root of the universal tree and the origin of eukaryotes based on elongation factor phylogeny. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1996</b> , 93, 7749-54	11.5	221
120	Phylogenetic perspective on microbial life in hydrothermal ecosystems, past and present. <i>Novartis Foundation Symposium</i> , <b>1996</b> , 202, 24-32; discussion 32-9		6
119	Isolation, expression, and evolution of the gene encoding mitochondrial elongation factor Tu in <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , <b>1995</b> , 29, 1057-70	4.6	17
118	Transcription, splicing and editing of plastid RNAs in the nonphotosynthetic plant <i>Epifagus virginiana</i> . <i>Plant Molecular Biology</i> , <b>1995</b> , 29, 721-33	4.6	79
117	The origin of <i>Dendrosenecio</i> within the Senecioneae (Asteraceae) based on chloroplastDNA EVIDENCE. <i>American Journal of Botany</i> , <b>1995</b> , 82, 1567-1573	2.7	34
116	Multiple Independent Losses of Two Genes and One Intron from Legume Chloroplast Genomes. <i>Systematic Botany</i> , <b>1995</b> , 20, 272	0.7	93
115	Rubisco rules fall; gene transfer triumphs. <i>BioEssays</i> , <b>1995</b> , 17, 1005-8	4.1	33
114	Phylogenetic analysis of <i>tufA</i> sequences indicates a cyanobacterial origin of all plastids. <i>Molecular Phylogenetics and Evolution</i> , <b>1995</b> , 4, 110-28	4.1	110
113	The origin of <i>Dendrosenecio</i> within the Senecioneae (Asteraceae) based on chloroplastDNA EVIDENCE <b>1995</b> , 82, 1567		14
112	Chloroplast DNA systematics: a review of methods and data analysis. <i>American Journal of Botany</i> , <b>1994</b> , 81, 1205-1224	2.7	367
111	A Chloroplast DNA Phylogeny of the Caryophyllales Based on Structural and Inverted Repeat Restriction Site Variation. <i>Systematic Botany</i> , <b>1994</b> , 19, 236	0.7	57
110	Structure and evolution of the largest chloroplast gene (ORF2280): internal plasticity and multiple gene loss during angiosperm evolution. <i>Current Genetics</i> , <b>1994</b> , 25, 367-78	2.9	38
109	Origin of introns--early or late?. <i>Nature</i> , <b>1994</b> , 369, 526; author reply 527-8	50.4	39
108	Phylogenetic Relationships in <i>Anemone</i> (Ranunculaceae) Based on Morphology and Chloroplast DNA. <i>Systematic Botany</i> , <b>1994</b> , 19, 169	0.7	56
107	Chloroplast DNA systematics: a review of methods and data analysis <b>1994</b> , 81, 1205		199
106	Phylogenetic Relationships Using Restriction Site Variation of the Chloroplast DNA Inverted Repeat <b>1994</b> , 223-233		6
105	Phylogenetics of Seed Plants: An Analysis of Nucleotide Sequences from the Plastid Gene <i>rbcl</i> . <i>Annals of the Missouri Botanical Garden</i> , <b>1993</b> , 80, 528	1.8	1264

104	Phylogenetic Relationships of the Geraniaceae and Geraniales from rbcL Sequence Comparisons. <i>Annals of the Missouri Botanical Garden</i> , <b>1993</b> , 80, 661	1.8	65
103	Interfamilial Relationships of the Asteraceae: Insights from rbcL Sequence Variation. <i>Annals of the Missouri Botanical Garden</i> , <b>1993</b> , 80, 742	1.8	38
102	Nucleotide Sequences of the rbcL Gene Indicate Monophyly of Mustard Oil Plants. <i>Annals of the Missouri Botanical Garden</i> , <b>1993</b> , 80, 686	1.8	93
101	Animals and fungi are each other's closest relatives: congruent evidence from multiple proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1993</b> , 90, 11558-62	11.5	425
100	Characterization of the <i>Brassica campestris</i> mitochondrial gene for subunit six of NADH dehydrogenase: nad6 is present in the mitochondrion of a wide range of flowering plants. <i>Current Genetics</i> , <b>1993</b> , 23, 148-53	2.9	14
99	A Parsimony Analysis of the Asteridae Sensu Lato Based on rbcL Sequences. <i>Annals of the Missouri Botanical Garden</i> , <b>1993</b> , 80, 700	1.8	216
98	Monophyly of the Asteridae and Identification of Their Major Lineages Inferred From DNA Sequences of rbcL. <i>Annals of the Missouri Botanical Garden</i> , <b>1992</b> , 79, 249	1.8	277
97	Phylogenetic Implications of rbcL Sequence Variation in the Asteraceae. <i>Annals of the Missouri Botanical Garden</i> , <b>1992</b> , 79, 428	1.8	69
96	Organelle DNA isolation and RFLP analysis <b>1992</b> , 35-53		4
95	Phylogenetic Relationships of Dipsacales Based on rbcL Sequences. <i>Annals of the Missouri Botanical Garden</i> , <b>1992</b> , 79, 333	1.8	384
94	Restriction Site Mapping of the Chloroplast DNA Inverted Repeat: A Molecular Phylogeny of the Asteridae. <i>Annals of the Missouri Botanical Garden</i> , <b>1992</b> , 79, 266	1.8	90
93	Function and evolution of a minimal plastid genome from a nonphotosynthetic parasitic plant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1992</b> , 89, 10648-52	11.5	473
92	Mitochondrial DNA in Plant Systematics: Applications and Limitations <b>1992</b> , 36-49		78
91	Small single-copy region of plastid DNA in the non-photosynthetic angiosperm <i>Epifagus virginiana</i> contains only two genes. Differences among dicots, monocots and bryophytes in gene organization at a non-bioenergetic locus. <i>Journal of Molecular Biology</i> , <b>1992</b> , 223, 95-104	6.5	29
90	Large size and complex structure of mitochondrial DNA in two nonflowering land plants. <i>Current Genetics</i> , <b>1992</b> , 21, 125-9	2.9	21
89	Variable intron content of the NADH dehydrogenase subunit 4 gene of plant mitochondria. <i>Current Genetics</i> , <b>1992</b> , 21, 423-30	2.9	31
88	Evolution of the plastid ribosomal RNA operon in a nongreen parasitic plant: accelerated sequence evolution, altered promoter structure, and tRNA pseudogenes. <i>Plant Molecular Biology</i> , <b>1992</b> , 18, 1037-48	4.6	27
87	Rapid evolution of the plastid translational apparatus in a nonphotosynthetic plant: loss or accelerated sequence evolution of tRNA and ribosomal protein genes. <i>Journal of Molecular Evolution</i> , <b>1992</b> , 35, 304-17	3.1	131



86	Gene phylogenies and the endosymbiotic origin of plastids. <i>BioSystems</i> , <b>1992</b> , 28, 75-90	1.9	121
85	A Chloroplast DNA Phylogeny of the Solanaceae: Subfamilial Relationships and Character Evolution. <i>Annals of the Missouri Botanical Garden</i> , <b>1992</b> , 79, 346	1.8	133
84	Green ancestry of malarial parasites?. <i>Current Biology</i> , <b>1992</b> , 2, 318-20	6.3	45
83	ORGANIZATION OF THE CHLOROPLAST GENOME OF THE FRESHWATER CENTRIC DIATOM CYCLOTELLA MENECHINIANA1. <i>Journal of Phycology</i> , <b>1992</b> , 28, 347-355	3	19
82	A review of the phylogeny and classification of the Asteraceae. <i>Nordic Journal of Botany</i> , <b>1992</b> , 12, 141-148		40
81	Comparison of Chloroplast and Mitochondrial Genome Evolution in Plants. <i>Plant Gene Research</i> , <b>1992</b> , 99-133		56
80	Chloroplast DNA Variation in the Asteraceae: Phylogenetic and Evolutionary Implications <b>1992</b> , 252-279		17
79	Chloroplast DNA Restriction Site Variation and the Evolution of the Annual Habit in North American <i>Coreopsis</i> (Asteraceae) <b>1992</b> , 280-294		4
78	Floral Morphology and Chromosome Number in Subtribe Oncidiinae (Orchidaceae): Evolutionary Insights From a Phylogenetic Analysis of Chloroplast DNA Restriction Site Variation <b>1992</b> , 324-339		17
77	Use of Chloroplast DNA Rearrangements in Reconstructing Plant Phylogeny <b>1992</b> , 14-35		142
76	SIX INDEPENDENT LOSSES OF THE CHLOROPLAST DNA rpl2 INTRON IN DICOTYLEDONS: MOLECULAR AND PHYLOGENETIC IMPLICATIONS. <i>Evolution; International Journal of Organic Evolution</i> , <b>1991</b> , 45, 1245-1259	3.8	93
75	Phylogeny and Character Evolution in the Asteraceae Based on Chloroplast DNA Restriction Site Mapping. <i>Systematic Botany</i> , <b>1991</b> , 16, 98	0.7	82
74	Patterns of mitochondrial DNA instability in <i>Brassica campestris</i> cultured cells. <i>Plant Molecular Biology</i> , <b>1991</b> , 16, 21-37	4.6	46
73	Lack of a functional plastid tRNA(Cys) gene is associated with loss of photosynthesis in a lineage of parasitic plants. <i>Current Genetics</i> , <b>1991</b> , 20, 515-8	2.9	16
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