Jeffrey Palmer

List of Articles by Year in descending order

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211 peer-reviewed articles	31,459 peer-reviewed citations	2229 96 peer-reviewed h-index	6262 8.41 score
236 documents	39237 doc citations	1989 107 h-index	39821 citing authors

#	Article	IF	Citations
1	Horizontal gene transfers dominate the functional mitochondrial gene space of a holoparasitic plant. New Phytologist, 2021, 229, 1701-1714.	5.3	59
2	Organellomic data sets confirm a cryptic consensus on (unrooted) land-plant relationships and provide new insights into bryophyte molecular evolution. American Journal of Botany, 2020, 107, 91-115.	1.4	60
3	Novel genetic code and record-setting AT-richness in the highly reduced plastid genome of the holoparasitic plant Balanophora. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 934-943.	5.2	100
4	High and Variable Rates of Repeat-Mediated Mitochondrial Genome Rearrangement in a Genus of Plants. Molecular Biology and Evolution, 2018, , .	3.1	90
5	Mitochondrial Retroprocessing Promoted Functional Transfers of rpl5 to the Nucleus in Grasses. Molecular Biology and Evolution, 2017, 34, 2340-2354.	3.1	32
6	Comparative mitogenomics indicates respiratory competence in parasitic Viscum despite loss of complex I and extreme sequence divergence, and reveals horizontal gene transfer and remarkable variation in genome size. BMC Plant Biology, 2017, 17, .	3.0	72
7	GinkgoandWelwitschiaMitogenomes Reveal Extreme Contrasts in Gymnosperm Mitochondrial Evolution. Molecular Biology and Evolution, 2016, 33, 1448-1460.	3.1	221
8	Homologous recombination and retention of a single form of most genes shape the highly chimeric mitochondrial genome of a cybrid plant. New Phytologist, 2015, 206, 381-396.	5.3	59
9	The Complete Moss Mitochondrial Genome in the Angiosperm Amborella Is a Chimera Derived from Two Moss Whole-Genome Transfers. PLoS ONE, 2015, 10, e0137532.	1.5	19
10	Miniaturized mitogenome of the parasitic plant Viscum scurruloideum is extremely divergent and dynamic and has lost all nad genes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, .	5.2	426
11	The “fossilized” mitochondrial genome of Liriodendron tulipifera: ancestral gene content and order, ancestral editing sites, and extraordinarily low mutation rate. BMC Biology, 2013, 11, .	3.0	268
12	Unique role for translation initiation factor 3 in the light color regulation of photosynthetic gene expression. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16253-16258.	5.2	37
13	The Amborella Genome and the Evolution of Flowering Plants. Science, 2013, 342, .	26.1	882
14	Horizontal Transfer of Entire Genomes via Mitochondrial Fusion in the Angiosperm Amborella. Science, 2013, 342, 1468-1473.	26.1	427
15	Chloroplast phylogeny of Cucurbita: Evolution of the domesticated and wild species. Journal of Systematics and Evolution, 2013, 51, 326-334.	1.9	32
16	Recent Acceleration of Plastid Sequence and Structural Evolution Coincides with Extreme Mitochondrial Divergence in the Angiosperm Genus Silene. Genome Biology and Evolution, 2012, 4, 294-306.	1.7	146
17	Rapid Evolution of Enormous, Multichromosomal Genomes in Flowering Plant Mitochondria with Exceptionally High Mutation Rates. PLoS Biology, 2012, 10, e1001241.	3.1	687
18	Multiple recent horizontal transfers of the cox1intron in Solanaceae and extended co-conversion of flanking exons. BMC Evolutionary Biology, 2011, 11, .	3.1	55

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19	HGT turbulence. Mobile Genetic Elements, 2011, 1, 256-304.	3.0	21
20	Origins and Recombination of the Bacterial-Sized Multichromosomal Mitochondrial Genome of Cucumber. Plant Cell, 2011, 23, 2499-2513.	5.8	337
21	The Mitochondrial Genome of the Legume Vigna radiata and the Analysis of Recombination across Short Mitochondrial Repeats. PLoS ONE, 2011, 6, e16404.	1.5	179
22	Extensive loss of translational genes in the structurally dynamic mitochondrial genome of the angiosperm Silene latifolia. BMC Evolutionary Biology, 2010, 10, 274.	3.1	125
23	Horizontal acquisition of multiple mitochondrial genes from a parasitic plant followed by gene conversion with host mitochondrial genes. BMC Biology, 2010, 8, .	3.0	134
24	Extensive Loss of RNA Editing Sites in Rapidly Evolving Silene Mitochondrial Genomes: Selectionvs. Retroprocessing as the Driving Force. Genetics, 2010, 185, 1369-1380.	3.3	112
25	Localized hypermutation and associated gene losses in legume chloroplast genomes. Genome Research, 2010, 20, 1700-1710.	3.3	284
26	Gorgeous mosaic of mitochondrial genes created by horizontal transfer and gene conversion. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21576-21581.	5.2	99
27	Insights into the Evolution of Mitochondrial Genome Size from Complete Sequences of Citrullus lanatus and Cucurbita pepo (Cucurbitaceae). Molecular Biology and Evolution, 2010, 27, 1436-1448.	3.1	524
28	Fine-scale mergers of chloroplast and mitochondrial genes create functional, transcompartmentally chimeric mitochondrial genes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16728-16733.	5.2	76
29	Relationships Among Phaseoloid Legumes Based on Sequences from Eight Chloroplast Regions. Systematic Botany, 2009, 34, 115-128.	0.3	121
30	The draft genome of the transgenic tropical fruit tree papaya (Carica papaya Linnaeus). Nature, 2008, 452, 991-996.	30.6	1,031
31	Horizontal gene transfer in eukaryotic evolution. Nature Reviews Genetics, 2008, 9, 605-618.	30.1	1,264
32	The Amborella genome: an evolutionary reference for plant biology. Genome Biology, 2008, 9, 402.	12.2	70
33	Frequent, Phylogenetically Local Horizontal Transfer of the cox1 Group I Intron in Flowering Plant Mitochondria. Molecular Biology and Evolution, 2008, 25, 1762-1777.	3.1	151
34	Extensive variation in synonymous substitution rates in mitochondrial genes of seed plants. BMC Evolutionary Biology, 2007, 7, .	3.1	261
35	Cyanobacterial ribosomal RNA genes with multiple, endonuclease-encoding group I introns. BMC Evolutionary Biology, 2007, 7, 159.	3.1	34
36	Horizontal gene transfer in plants. Journal of Experimental Botany, 2006, 58, 1-9.	3.7	333

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37	An exceptional horizontal gene transfer in plastids: gene replacement by a distant bacterial paralog and evidence that haptophyte and cryptophyte plastids are sisters. BMC Biology, 2006, 4, .	3.0	162
38	Patterns of partial RNA editing in mitochondrial genes of Beta vulgaris. Molecular Genetics and Genomics, 2006, 276, 285-293.	1.1	101
39	Title is missing!. BMC Evolutionary Biology, 2006, 6, 55.	3.1	40
40	The Complete Chloroplast Genome Sequence of Pelargonium × hortorum: Organization and Evolution of the Largest and Most Highly Rearranged Chloroplast Genome of Land Plants. Molecular Biology and Evolution, 2006, 23, 2175-2190.	3.1	492
41	Evidence from small-subunit ribosomal RNA sequences for a fungal origin of Microsporidia. Molecular Phylogenetics and Evolution, 2005, 36, 606-622.	2.1	44
42	Title is missing!. BMC Evolutionary Biology, 2005, 5, 73.	3.1	155
43	Massive horizontal transfer of mitochondrial genes from diverse land plant donors to the basal angiosperm Amborella. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17747-17752.	5.2	256
44	The plant tree of life: an overview and some points of view. American Journal of Botany, 2004, 91, 1437-1445.	1.4	166
45	Mitochondrial substitution rates are extraordinarily elevated and variable in a genus of flowering plants. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17741-17746.	5.2	263
46	Gene transfer from parasitic to host plants. Nature, 2004, 432, 165-166.	30.6	251
47	Title is missing!. BMC Evolutionary Biology, 2004, 4, 35.	3.1	128
48	Many Independent Origins of trans Splicing of a Plant Mitochondrial Group II Intron. Journal of Molecular Evolution, 2004, 59, .	1.2	45
49	Molecular phylogenies of Parabasalia inferred from four protein genes and comparison with rRNA trees. Molecular Phylogenetics and Evolution, 2004, 31, 572-580.	2.1	45
50	Genome-scale data, angiosperm relationships, and 'ending incongruence': a cautionary tale in phylogenetics. Trends in Plant Science, 2004, 9, 477-483.	7.0	184
51	Phylogenetic analysis reveals five independent transfers of the chloroplast gene rbcL to the mitochondrial genome in angiosperms. Current Genetics, 2003, 43, 131-138.	0.9	67
52	Evolution of mitochondrial gene content: gene loss and transfer to the nucleus. Molecular Phylogenetics and Evolution, 2003, 29, 380-395.	2.1	703
53	THE SYMBIOTIC BIRTH AND SPREAD OF PLASTIDS: HOW MANY TIMES AND WHODUNIT?. Journal of Phycology, 2003, 39, 4-12.	2.0	247
54	Widespread horizontal transfer of mitochondrial genes in flowering plants. Nature, 2003, 424, 197-201.	30.6	519

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55	Punctuated evolution of mitochondrial gene content: High and variable rates of mitochondrial gene loss and transfer to the nucleus during angiosperm evolution. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9905-9912.	5.2	454
56	Genes for Two Mitochondrial Ribosomal Proteins in Flowering Plants Are Derived from Their Chloroplast or Cytosolic Counterparts. Plant Cell, 2002, 14, 931-943.	5.8	115
57	Gene transfer from mitochondrion to nucleus: novel mechanisms for gene activation from Cox2. Plant Journal, 2002, 30, 11-21.	3.9	52
58	Mitochondrial Gene Transfer in Pieces: Fission of the Ribosomal Protein Gene rpl2 and Partial or Complete Gene Transfer to the Nucleus. Molecular Biology and Evolution, 2001, 18, 2289-2297.	3.1	75
59	The Evolutionary Split of Pinaceae from Other Conifers: Evidence from an Intron Loss and a Multigene Phylogeny. Molecular Phylogenetics and Evolution, 2001, 21, 167-175.	2.1	100
60	Lateral transfer at the gene and subgenic levels in the evolution of eukaryotic enolase. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 10745-10750.	5.2	78
61	Many Parallel Losses of infA from Chloroplast DNA during Angiosperm Evolution with Multiple Independent Transfers to the Nucleus. Plant Cell, 2001, 13, 645.	5.8	12
62	Many Parallel Losses of infA from Chloroplast DNA during Angiosperm Evolution with Multiple Independent Transfers to the Nucleus. Plant Cell, 2001, 13, 645-658.	5.8	498
63	Multiple Losses and Transfers to the Nucleus of Two Mitochondrial Succinate Dehydrogenase Genes During Angiosperm Evolution. Genetics, 2001, 158, 1289-1300.	3.3	102
64	Multigene Phylogeny of Land Plants with Special Reference to Bryophytes and the Earliest Land Plants. Molecular Biology and Evolution, 2000, 17, 1885-1895.	3.1	232
65	Parabasalian flagellates are ancient eukaryotes. Nature, 2000, 405, 635-637.	30.6	93
66	Repeated, recent and diverse transfers of a mitochondrial gene to the nucleus in flowering plants. Nature, 2000, 408, 354-357.	30.6	229
67	The cyanobacterial origin and vertical transmission of the plastid tRNA Leu group-I intron. Current Genetics, 2000, 37, 12-23.	0.9	63
68	Seed plant phylogeny inferred from all three plant genomes: Monophyly of extant gymnosperms and origin of Gnetales from conifers. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 4086-4091.	5.2	431
69	Evidence from Beta-Tubulin Phylogeny that Microsporidia Evolved from Within the Fungi. Molecular Biology and Evolution, 2000, 17, 23-31.	3.1	307
70	The IDB and IEDB: intron sequence and evolution databases. Nucleic Acids Research, 2000, 28, 181-184.	10.7	25
71	Dynamic evolution of plant mitochondrial genomes: Mobile genes and introns and highly variable mutation rates. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 6960-6966.	5.2	335
72	Multiple acquisitions via horizontal transfer of a group I intron in the mitochondrial cox1 gene during evolution of the Araceae family. Molecular Biology and Evolution, 1999, 16, 1155-1165.	3.1	71

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73	The chloroplast genome arrangement ofLobelia thuliniana (Lobeliaceae): Expansion of the inverted repeat in an ancestor of theCampanulales. Plant Systematics and Evolution, 1999, 214, 49-64.	0.6	47
74	Shikimate pathway in apicomplexan parasites. Nature, 1999, 397, 219-220.	30.6	92
75	Investigating Deep Phylogenetic Relationships among Cyanobacteria and Plastids by Small Subunit rRNA Sequence Analysis1. Journal of Eukaryotic Microbiology, 1999, 46, 327-338.	1.7	1,464
76	Multigene analyses identify the three earliest lineages of extant flowering plants. Current Biology, 1999, 9, 1485-1491.	2.5	222
77	Intracellular gene transfer in action: Dual transcription and multiple silencings of nuclear and mitochondrial cox2 genes in legumes. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 13863-13868.	5.2	150
78	The gain of three mitochondrial introns identifies liverworts as the earliest land plants. Nature, 1998, 394, 671-674.	30.6	333
79	Explosive invasion of plant mitochondria by a group I intron. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 14244-14249.	5.2	275
80	Chloroplast DNA Evidence on the Origin and Radiation of the Giant Lobelias in Eastern Africa. Systematic Botany, 1998, 23, 109.	0.3	57
81	Intron "sliding" and the diversity of intron positions. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 10739-10744.	5.2	159
82	Implications for the Phylogeny, Classification, and Biogeography of Solanum from cpDNA Restriction Site Variation. Systematic Botany, 1997, 22, 19.	0.3	115
83	Isolation and characterization of rad51 orthologs from Coprinus cinereus and Lycopersicon esculentum, and phylogenetic analysis of eukaryotic recA homologs. Current Genetics, 1997, 31, 144-157.	0.9	91
84	The highly rearranged chloroplast genome of Trachelium caeruleum (Campanulaceae): multiple inversions, inverted repeat expansion and contraction, transposition, insertions/deletions, and several repeat families. Current Genetics, 1997, 31, 419-429.	0.9	164
85	Rampant horizontal transfer and duplication of rubisco genes in eubacteria and plastids. Molecular Biology and Evolution, 1996, 13, 873-882.	3.1	300
86	Perspectives on archaeal diversity, thermophily and monophyly from environmental rRNA sequences.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 9188-9193.	5.2	642
87	Second-hand chloroplasts and the case of the disappearing nucleus.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 7432-7435.	5.2	115
88	The root of the universal tree and the origin of eukaryotes based on elongation factor phylogeny.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 7749-7754.	5.2	258
89	The Distribution and Phylogenetic Significance of a 50-kb Chloroplast DNA Inversion in the Flowering Plant Family Leguminosae. Molecular Phylogenetics and Evolution, 1996, 5, 429-438.	2.1	158
90	Rubisco surprises in dinoflagellates.. Plant Cell, 1996, 8, 343-345.	5.8	22

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91	Rubisco Surprises in Dinoflagellates. Plant Cell, 1996, 8, 343.	5.8	4
92	Seven newly discovered intron positions in the triose-phosphate isomerase gene: evidence for the introns-late theory.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 8507-8511.	5.2	135
93	Chloroplast DNA variation and the recent radiation of the giant senecios (Asteraceae) on the tall mountains of eastern Africa.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 10349-10353.	5.2	91
94	Rubisco rules fall; gene transfer triumphs. BioEssays, 1995, 17, 1005-1008.	1.7	36
95	Phylogenetic Analysis of tufA Sequences Indicates a Cyanobacterial Origin of All Plastids. Molecular Phylogenetics and Evolution, 1995, 4, 110-128.	2.1	130
96	Isolation, expression, and evolution of the gene encoding mitochondrial elongation factor Tu in Arabidopsis thaliana. Plant Molecular Biology, 1995, 29, 1057-1070.	2.1	25
97	Transcription, splicing and editing of plastid RNAs in the nonphotosynthetic plant Epifagus virginiana. Plant Molecular Biology, 1995, 29, 721-733.	2.1	97
98	Fungal origin by horizontal transfer of a plant mitochondrial group I intron in the chimeric coxI gene of Peperomia. Journal of Molecular Evolution, 1995, 41, .	1.2	122
99	The origin of Dendrosenecio within the Senecioneae (Asteraceae) based on chloroplastDNA EVIDENCE. American Journal of Botany, 1995, 82, 1567-1573.	1.4	36
100	Multiple Independent Losses of Two Genes and One Intron from Legume Chloroplast Genomes. Systematic Botany, 1995, 20, 272.	0.3	132
101	The Origin of Dendrosenecio within the Senecioneae (Asteraceae) Based on Chloroplast DNA Evidence. American Journal of Botany, 1995, 82, 1567.	1.4	14
102	Chloroplast DNA systematics: a review of methods and data analysis. American Journal of Botany, 1994, 81, 1205-1224.	1.4	502
103	A Chloroplast DNA Phylogeny of the Caryophyllales Based on Structural and Inverted Repeat Restriction Site Variation. Systematic Botany, 1994, 19, 236.	0.3	86
104	Structure and evolution of the largest chloroplast gene (ORF2280): internal plasticity and multiple gene loss during angiosperm evolution. Current Genetics, 1994, 25, 367-378.	0.9	47
105	Structural rearrangements, including parallel inversions, within the chloroplast genome of Anemone and related genera. Journal of Molecular Evolution, 1994, 38, .	1.2	107
106	Origin of introns—early or late?. Nature, 1994, 369, 526-526.	30.6	57
107	Phylogenetic Relationships in Anemone (Ranunculaceae) Based on Morphology and Chloroplast DNA. Systematic Botany, 1994, 19, 169.	0.3	75
108	Chloroplast DNA Systematics: A Review of Methods and Data Analysis. American Journal of Botany, 1994, 81, 1205.	1.4	224

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109	Characterization of the Brassica campestris mitochondrial gene for subunit six of NADH dehydrogenase: nad6 is present in the mitochondrion of a wide range of flowering plants. Current Genetics, 1993, 23, 148-153.	0.9	17
110	A Parsimony Analysis of the Asteridae Sensu Lato Based on rbcL Sequences. Annals of the Missouri Botanical Garden, 1993, 80, 700.	0.7	323
111	Phylogenetics of Seed Plants: An Analysis of Nucleotide Sequences from the Plastid Gene rbcL. Annals of the Missouri Botanical Garden, 1993, 80, 528.	0.7	1,774
112	Phylogenetic Relationships of the Geraniaceae and Geraniales from rbcL Sequence Comparisons. Annals of the Missouri Botanical Garden, 1993, 80, 661.	0.7	93
113	Interfamilial Relationships of the Asteraceae: Insights from rbcL Sequence Variation. Annals of the Missouri Botanical Garden, 1993, 80, 742.	0.7	48
114	Nucleotide Sequences of the rbcL Gene Indicate Monophyly of Mustard Oil Plants. Annals of the Missouri Botanical Garden, 1993, 80, 686.	0.7	126
115	Animals and fungi are each other's closest relatives: congruent evidence from multiple proteins.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 11558-11562.	5.2	537
116	A Minority of Muscarinic Receptors Mediate Rabbit Tracheal Smooth Muscle Contraction. American Journal of Respiratory Cell and Molecular Biology, 1992, 6, 279-286.	2.1	20
117	Monophyly of the Asteridae and Identification of Their Major Lineages Inferred From DNA Sequences of rbcL. Annals of the Missouri Botanical Garden, 1992, 79, 249.	0.7	398
118	Phylogenetic Implications of rbcL Sequence Variation in the Asteraceae. Annals of the Missouri Botanical Garden, 1992, 79, 428.	0.7	102
119	Phylogenetic Relationships of Dipsacales Based on rbcL Sequences. Annals of the Missouri Botanical Garden, 1992, 79, 333.	0.7	606
120	Restriction Site Mapping of the Chloroplast DNA Inverted Repeat: A Molecular Phylogeny of the Asteridae. Annals of the Missouri Botanical Garden, 1992, 79, 266.	0.7	126
121	Function and evolution of a minimal plastid genome from a nonphotosynthetic parasitic plant.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 10648-10652.	5.2	578
122	Small single-copy region of plastid DNA in the non-photosynthetic angiosperm Epifagus virginiana contains only two genes. Journal of Molecular Biology, 1992, 223, 95-104.	2.9	32
123	Large size and complex structure of mitochondrial DNA in two nonflowering land plants. Current Genetics, 1992, 21, 125-129.	0.9	25
124	Variable intron content of the NADH dehydrogenase subunit 4 gene of plant mitochondria. Current Genetics, 1992, 21, 423-430.	0.9	34
125	Evolution of the plastid ribosomal RNA operon in a nongreen parasitic plant: Accelerated sequence evolution, altered promoter structure, and tRNA pseudogenes. Plant Molecular Biology, 1992, 18, 1037-1048.	2.1	33
126	Rapid evolution of the plastid translational apparatus in a nonphotosynthetic plant: Loss or accelerated sequence evolution of tRNA and ribosomal protein genes. Journal of Molecular Evolution, 1992, 35, 304-317.	1.2	158

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127	Gene phylogenies and the endosymbiotic origin of plastids. BioSystems, 1992, 28, 75-90.	1.1	139
128	A Chloroplast DNA Phylogeny of the Solanaceae: Subfamilial Relationships and Character Evolution. Annals of the Missouri Botanical Garden, 1992, 79, 346.	0.7	191
129	The recent origins of introns. Current Biology, 1992, 2, 34.	2.5	0
130	Green ancestry of malarial parasites?. Current Biology, 1992, 2, 318-320.	2.5	49
131	ORGANIZATION OF THE CHLOROPLAST GENOME OF THE FRESHWATER CENTRIC DIATOM CYCLOTELLA MENEGHINIANA1. Journal of Phycology, 1992, 28, 347-355.	2.0	22
132	A review of the phylogeny and classification of the Asteraceae. Nordic Journal of Botany, 1992, 12, 141-148.	0.4	48
133	Ins and outs of plastid genome evolution. Current Opinion in Genetics and Development, 1991, 1, 523-529.	2.4	27
134	RNA-mediated transfer of the gene coxII from the mitochondrion to the nucleus during flowering plant evolution. Cell, 1991, 66, 473-481.	23.4	383
135	The recent origins of introns. Current Opinion in Genetics and Development, 1991, 1, 470-477.	2.4	257
136	Chloroplast DNA Restriction Site Variation, Phylogenetic Relationships, and Character Evolution Among Sections of North Americn Coreopsis (Asteraceae). Systematic Botany, 1991, 16, 211.	0.3	12
137	SIX INDEPENDENT LOSSES OF THE CHLOROPLAST DNArpl2 INTRON IN DICOTYLEDONS: MOLECULAR AND PHYLOGENETIC IMPLICATIONS. Evolution; International Journal of Organic Evolution, 1991, 45, 1245-1259.	1.3	122
138	Phylogeny and Character Evolution in the Asteraceae Based on Chloroplast DNA Restriction Site Mapping. Systematic Botany, 1991, 16, 98.	0.3	105
139	Patterns of mitochondrial DNA instability in Brassica campestris cultured cells. Plant Molecular Biology, 1991, 16, 21-37.	2.1	51
140	Lack of a functional plastid tRNACys gene is associated with loss of photosynthesis in a lineage of parasitic plants. Current Genetics, 1991, 20, 515-518.	0.9	19
141	The role of coxI-associated repeated sequences in plant mitochondrial DNA rearrangements and radish cytoplasmic male sterility. Current Genetics, 1991, 19, 183-190.	0.9	47
142	Six Independent Losses of the Chloroplast DNA rpl2 Intron in Dicotyledons: Molecular and Phylogenetic Implications. Evolution; International Journal of Organic Evolution, 1991, 45, 1245.	1.3	77
143	PHYLOGENETIC ANALYSIS OF CHLOROPLAST DNA RESTRICTION SITE DATA AT HIGHER TAXONOMIC LEVELS: AN EXAMPLE FROM THE ASTERACEAE. Evolution; International Journal of Organic Evolution, 1990, 44, 2089-2105.	1.3	100
144	EVOLUTIONARY SIGNIFICANCE OF THE LOSS OF THE CHLOROPLAST-DNA INVERTED REPEAT IN THE LEGUMINOSAE SUBFAMILY PAPILIONOIDEAE. Evolution; International Journal of Organic Evolution, 1990, 44, 390-402.	1.3	185

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145	The gain of two chloroplast tRNA introns marks the green algal ancestors of land plants. Nature, 1990, 345, 268-270.	30.6	150
146	Loss of photosynthetic and chlororespiratory genes from the plastid genome of a parasitic flowering plant. Nature, 1990, 348, 337-339.	30.6	329
147	UNIQUE CHLOROPLAST GENOME IN SPIROGYRA MAXIMA (CHLOROPHYTA) REVEALED BY PHYSICAL AND GENE MAPPING1. Journal of Phycology, 1990, 26, 490-494.	2.0	37
148	Contrasting modes and tempos of genome evolution in land plant organelles. Trends in Genetics, 1990, 6, 115-120.	5.5	259
149	Characterization of radish mitochondrial atpA: influence of nuclear background on transcription of atpA-associated sequences and relationship with male sterility. Plant Molecular Biology, 1990, 15, 735-746.	2.1	62
150	CHLOROPLAST DNA RESTRICTION SITE VARIATION AND THE PHYLOGENY OF COREOPSIS SECTION COREOPSIS (ASTERACEAE). American Journal of Botany, 1990, 77, 552-558.	1.4	24
151	Different fates of the chloroplast tufA gene following its transfer to the nucleus in green algae.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 5317-5321.	5.2	107
152	Phylogenetic Analysis of Chloroplast DNA Restriction Site Data at Higher Taxonomic Levels: An Example from the Asteraceae. Evolution; International Journal of Organic Evolution, 1990, 44, 2089.	1.3	24
153	A Chloroplast DNA Inversion as a Subtribal Character in the Phaseoleae (Leguminosae). Systematic Botany, 1990, 15, 378.	0.3	82
154	Evolutionary transfer of the chloroplast tufA gene to the nucleus. Nature, 1990, 344, 262-265.	30.6	229
155	Evolutionary Significance of the Loss of the Chloroplast-DNA Inverted Repeat in the Leguminosae Subfamily Papilionoideae. Evolution; International Journal of Organic Evolution, 1990, 44, 390.	1.3	69
156	Chloroplast DNA Restriction Site Variation and the Phylogeny of Coreopsis Section Coreopsis (Asteraceae). American Journal of Botany, 1990, 77, 552.	1.4	8
157	CHLOROPLAST DNA SYSTEMATICS OF LILIOID MONOCOTS: RESOURCES, FEASIBILITY, AND AN EXAMPLE FROM THE ORCHIDACEAE. American Journal of Botany, 1989, 76, 1720-1730.	1.4	51
158	Evolution of mushroom mitochondrial DNA:Suillus and related genera. Journal of Molecular Evolution, 1989, 28, 349-362.	1.2	52
159	Unusual characteristics of Codium fragile chloroplast DNA revealed by physical and gene mapping. Molecular Genetics and Genomics, 1989, 216, 417-421.	0.5	52
160	Heteroplasmy of chloroplast DNA in Medicago. Plant Molecular Biology, 1989, 12, 3-11.	2.1	61
161	Rearrangement, amplification, and assortment of mitochondrial DNA molecules in cultured cells of Brassica campestris. Theoretical and Applied Genetics, 1989, 77, 17-25.	2.3	52
162	Accelerated evolution of a false-truffle from a mushroom ancestor. Nature, 1989, 339, 140-142.	30.6	202

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163	Chloroplast DNA Systematics of Lilioid Monocots: Resources, Feasibility, and an Example from the Orchidaceae. American Journal of Botany, 1989, 76, 1720.	1.4	33
164	Dispersed repeats and structural reorganization in subclover chloroplast DNA.. Molecular Biology and Evolution, 1989, , .	3.1	143
165	The atp6 coding region has been disrupted and a novel reading frame generated in the mitochondrial genome of cytoplasmic male-sterile radish. Journal of Biological Chemistry, 1989, 264, 11706-11713.	1.3	111
166	Plant mitochondrial DNA evolved rapidly in structure, but slowly in sequence. Journal of Molecular Evolution, 1988, 28, 87-97.	1.2	729
167	Mitochondrial DNAs of Suillus: three fold size change in molecules that share a common gene order. Current Genetics, 1988, 13, 49-56.	0.9	53
168	Location, identity, amount and serial entry of chloroplast DNA sequences in crucifer mitochondrial DNAs. Current Genetics, 1988, 14, 501-509.	0.9	52
169	Evolutionary significance of inversions in legume chloroplast DNAs. Current Genetics, 1988, 14, 65-74.	0.9	131
170	A transcription map of the pea chloroplast genome. Current Genetics, 1988, 14, 75-89.	0.9	54
171	Chloroplast DNA Variation and Plant Phylogeny. Annals of the Missouri Botanical Garden, 1988, 75, 1180.	0.7	508
172	A Molecular Reexamination of Introgression between Helianthus annuus and H bolanderi (Compositae). Evolution; International Journal of Organic Evolution, 1988, 42, 227.	1.3	44
173	Physical and gene organization of mitochondrial DNA in fertile and male sterile sunflower. CMS-associated alterations in structure and transcription of theatpA gene. Nucleic Acids Research, 1988, 16, 3787-3799.	10.7	143
174	A MOLECULAR REEXAMINATION OF INTROGRESSION BETWEEN HELIANTHUS ANNUUS AND H. BOLANDERI (COMPOSITAE). Evolution; International Journal of Organic Evolution, 1988, 42, 227-238.	1.3	145
175	Chloroplast genomes of two conifers lack a large inverted repeat and are extensively rearranged.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 3898-3902.	5.2	170
176	PHYLOGENETIC IMPLICATIONS OF CHLOROPLAST DNA RESTRICTION SITE VARIATION IN THE MUTISIEAE (ASTERACEAE). American Journal of Botany, 1988, 75, 753-766.	1.4	100
177	Intraspecific variation and multicircularity in Brassica mitochondrial DNAs.. Genetics, 1988, 118, 341-351.	3.3	120
178	Phylogenetic Implications of Chloroplast DNA Restriction Site Variation in the Mutisieae (Asteraceae). American Journal of Botany, 1988, 75, 753.	1.4	40
179	Mitochondrial DNA Rearrangements and Transcriptional Alterations in the Male-Sterile Cytoplasm of Ogura Radish. Molecular and Cellular Biology, 1988, 8, 1474-1480.	1.5	79
180	Extensive mitochondrial specific transcription of theBrassica campestrismitochondrial genome. Nucleic Acids Research, 1987, 15, 5141-5156.	10.7	92

#	Article	IF	Citations
181	Chloroplast DNA Evolution and Biosystematic Uses of Chloroplast DNA Variation. American Naturalist, 1987, 130, S6-S29.	1.6	324
182	Unusual structure of geranium chloroplast DNA: A triple-sized inverted repeat, extensive gene duplications, multiple inversions, and two repeat families. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 769-773.	5.2	160
183	A chloroplast DNA inversion marks an ancient evolutionary split in the sunflower family (Asteraceae). Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 5818-5822.	5.2	315
184	Unicircular structure of the Brassica hirta mitochondrial genome. Current Genetics, 1987, 11, 565-570.	0.9	190
185	Chloroplast DNA evolution among legumes: Loss of a large inverted repeat occurred prior to other sequence rearrangements. Current Genetics, 1987, 11, 275-286.	0.9	219
186	Chloroplast DNA from lettuce and Barnadesia (Asteraceae): structure, gene localization, and characterization of a large inversion. Current Genetics, 1987, 11, 553-564.	0.9	222
187	Analysis of organelle genomes in a somatic hybrid derived from cytoplasmic male-sterile Brassica oleracea and atrazine-resistant B. campestris. Theoretical and Applied Genetics, 1987, 74, 303-309.	2.3	66
188	Conservation of chloroplast genome structure among vascular plants. Current Genetics, 1986, 10, 823-833.	0.9	200
189	Structural evolution and flip-flop recombination of chloroplast DNA in the fern genus Osmunda. Current Genetics, 1986, 10, 835-841.	0.9	90
190	Tripartite mitochondrial genome of spinach: physical structure, mitochondrial gene mapping, and locations of transposed chloroplast DNA sequences. Nucleic Acids Research, 1986, 14, 5651-5666.	10.7	106
191	Tricircular mitochondrial genomes ofBrassicaandRaphanus: reversal of repeat configurations by inversiton. Nucleic Acids Research, 1986, 14, 9755-9764.	10.7	125
192	Chloroplast DNA and molecular phylogeny. BioEssays, 1985, 2, 263-267.	1.7	40
193	Comparative Organization of Chloroplast Genomes. Annual Review of Genetics, 1985, 19, 325-354.	4.6	1,010
194	CHLOROPLAST DNA VARIATION AND EVOLUTION IN PISUM: PATTERNS OF CHANGE AND PHYLOGENETIC ANALYSIS. Genetics, 1985, 109, 195-213.	3.3	206
195	Recombination sequences in plant mitochondrial genomes: diversity and homologies to known mitochondrial genes. Nucleic Acids Research, 1984, 12, 6141-6157.	10.7	88
196	Tripartite structure of the Brassica campestris mitochondrial genome. Nature, 1984, 307, 437-440.	30.6	464
197	Extensive and widespread homologies between mitochondrial DNA and chloroplast DNA in plants. Proceedings of the National Academy of Sciences of the United States of America, 1984, 81, 1946-1950.	5.2	188
198	Chloroplast DNA exists in two orientations. Nature, 1983, 301, 92-93.	30.6	372

#	Article	IF	Citations
199	An unusual mitochondrial DNA plasmid in the genus Brassica. Nature, 1983, 301, 725-728.	30.6	160
200	Phytochrome control of RNA levels in developing pea and mung-bean leaves. Planta, 1983, 158, 487-500.	2.6	280
201	Chloroplast DNA evolution and the origin of amphidiploid Brassica species. Theoretical and Applied Genetics, 1983, 65, 181-189.	2.3	442
202	Structure and sequence evolution of three legume chloroplast DNAs. Molecular Genetics and Genomics, 1983, 190, 13-19.	0.5	88
203	Physical and gene mapping of chloroplast DNA from Atriplex triangularis and Cucumis sativa. Nucleic Acids Research, 1982, 10, 1593-1605.	10.7	157
204	Novel evolutionary variation in transcription and location of two chloroplast genes. Nucleic Acids Research, 1982, 10, 6819-6832.	10.7	40
205	Chloroplast DNA evolution and phylogenetic relationships in Lycopersicon. Proceedings of the National Academy of Sciences of the United States of America, 1982, 79, 5006-5010.	5.2	295
206	Chloroplast DNA rearrangements are more frequent when a large inverted repeat sequence is lost. Cell, 1982, 29, 537-550.	23.4	487
207	Chloroplast DNA from the fern Osmunda cinnamomea: physical organization, gene localization and comparison to angiosperm. Current Genetics, 1982, 5, 165-170.	0.9	53
208	Clone banks of the mung bean, pea and spinach chloroplast genomes. Gene, 1981, 15, 21-26.	1.6	76
209	Rearrangements in the chloroplast genomes of mung bean and pea. Proceedings of the National Academy of Sciences of the United States of America, 1981, 78, 5533-5537.	5.2	221
210	Deoxyribonucleic acid sequence organization in the mung bean genome. Biochemistry, 1979, 18, 5259-5266.	1.5	57
211	Title is missing!. , 0, .		1