Claude Lemieux

List of Publications by Year
in descending order

131	7,351	38720 50	58549 82
papers	citations	h-index	g-index

133	133	133	3711
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Morphological and molecular identification reveals that waters from an isolated oasis in Tamanrasset (extreme South of Algerian Sahara) are colonized by opportunistic and pollution-tolerant diatom species. Ecological Indicators, 2021, 121, 107104.	2.6	9
2	A gene-rich and compact chloroplast genome of the green alga Nephroselmis pyriformis (N.Carter) Ettl 1982 from the shores of Mersin (Eastern Mediterranean Sea). Mitochondrial DNA Part B: Resources, 2021, 6, 308-310.	0.2	1
3	Haslea silbo, A Novel Cosmopolitan Species of Blue Diatoms. Biology, 2021, 10, 328.	1.3	12
4	Extreme Enlargement of the Inverted Repeat Region in the Plastid Genomes of Diatoms from the Genus Climaconeis. International Journal of Molecular Sciences, 2021, 22, 7155.	1.8	8
5	Complete chloroplast genome of the mixotrophic chrysophyte Poterioochromonas malhamensis (Ochromonadales, Synurophyceae) from Van Lake in Eastern Anatolia. Mitochondrial DNA Part B: Resources, 2021, 6, 2719-2721.	0.2	1
6	Nitzschia anatoliensis sp. nov., a cryptic diatom species from the highly alkaline Van Lake (Turkey). PeerJ, 2021, 9, e12220.	0.9	4
7	Mitochondrial and Plastid Genomes of the Monoraphid Diatom Schizostauron trachyderma. International Journal of Molecular Sciences, 2021, 22, 11139.	1.8	5
8	Two new bacilladnaviruses associated with the diatom Haslea ostrearia. European Journal of Phycology, 2020, 55, 444-453.	0.9	1
9	Complete mitogenome of the invasive land flatworm Platydemus manokwari. Mitochondrial DNA Part B: Resources, 2020, 5, 1689-1690.	0.2	8
10	The complete plastome of the coccoid green alga Jenufa minuta (Chlorophyceae, incertae sedis) unveils a noncanonical genetic code and a previously unrecognized trans-spliced group II intron in the rpl32 gene. Mitochondrial DNA Part B: Resources, 2020, 5, 1728-1730.	0.2	0
11	The complete mitogenomes of the green algae Jenufa minuta and Jenufa perforata (Chlorophyceae,) Tj ETQq1 1 0.784314 rgBT /Overlo Mitochondrial DNA Part B: Resources, 2020, 5, 1516-1518.	0.2	4
12	Complete mitogenome of the noble volute Cymbiola nobilis from the Vietnamese Island of PhÃº Quá»‘c. Mitochondrial DNA Part B: Resources, 2020, 5, 1661-1662.	0.2	0
13	Complete mitogenomes of the chlorophyte green algae Scherffelia dubia and Tetraselmis sp. CCMP 881 (Chlorodendrophyceae). Mitochondrial DNA Part B: Resources, 2020, 5, 138-139.	0.2	4
14	Complete mitogenomes of the marine picoplanktonic green algae Prasinoderma sp. MBIC 10622 and Prasinococcus capsulatus CCMP 1194 (Palmophyllophyceae). Mitochondrial DNA Part B: Resources, 2020, 5, 166-168.	0.2	3
15	Complete mitogenome of the chlorophyte green alga Marsupiomonas sp. NIES 1824 (Pedinophyceae). Mitochondrial DNA Part B: Resources, 2020, 5, 548-550.	0.2	1
16	Complete mitogenomes of the chlorophycean green algae Bulbochaete rectangularis var. hiloensis (Oedogoniales) and Stigeoclonium helveticum (Chaetophorales) provide insight into the sequence of events that led to the acquisition of a reduced-derived pattern of evolution in the Chlamydomonadales and Sphaeropleales. Mitochondrial DNA Part B: Resources, 2020, 5, 611-613.	0.2	6
17	Complete chloroplast genome of the tiny marine diatom Nanofrustulum shiloi (Bacillariophyta) from the Adriatic Sea. Mitochondrial DNA Part B: Resources, 2019, 4, 3374-3376.	0.2	5
18	A streamlined and predominantly diploid genome in the tiny marine green alga Chloropicon primus. Nature Communications, 2019, 10, 4061.	5.8	26

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19	Complete mitogenome of the invasive bivalve Rangia cuneata. Mitochondrial DNA Part B: Resources, 2019, 4, 2794-2795.	0.2	1
20	Tracing the Evolution of the Plastome and Mitogenome in the Chloropicophyceae Uncovered Convergent tRNA Gene Losses and a Variant Plastid Genetic Code. Genome Biology and Evolution, 2019, 11, 1275-1292.	1.1	20
21	Complete chloroplast genome of the diatom Skeletonema pseudocostatum from the Western Mediterranean coast of Algeria. Mitochondrial DNA Part B: Resources, 2019, 4, 1091-1092.	0.2	2
22	Complete mitogenome of a Baltic Sea specimen of the non-indigenous polychaete Marenzelleria neglecta. Mitochondrial DNA Part B: Resources, 2019, 4, 581-582.	0.2	2
23	Complete mitogenome of the giant invasive hammerhead flatworm Bipalium kewense. Mitochondrial DNA Part B: Resources, 2019, 4, 1343-1344.	0.2	10
24	Complete mitogenome of the streptophyte green alga Coleochaete scutata (Coleochaetophyceae). Mitochondrial DNA Part B: Resources, 2019, 4, 4209-4210.	0.2	3
25	Complete mitochondrial genome of a rare diatom (Bacillariophyta) Proschkinia and its phylogenetic and taxonomic implications. Mitochondrial DNA Part B: Resources, 2019, 4, 25-26.	0.2	11
26	Haslea nusantara (Bacillariophyceae), a new blue diatom from the Java Sea, Indonesia: morphology, biometry and molecular characterization. Plant Ecology and Evolution, 2019, 152, 188-202.	0.3	24
27	Evolution of the Plastid Genome in Green Algae. Advances in Botanical Research, 2018, , 157-193.	0.5	36
28	Implementing a webâ€based introductory bioinformatics course for nonâ€bioinformaticians that incorporates practical exercises. Biochemistry and Molecular Biology Education, 2018, 46, 31-38.	0.5	7
29	Complete mitogenome of Cerithidea obtusa, the red chut-chut snail from the Cáº§n Giá»•Mangrove in Vietnam. Mitochondrial DNA Part B: Resources, 2018, 3, 1267-1269.	0.2	3
30	Mitogenome sequence of a Black Sea isolate of the kinetoplastid Bodo saltans. Mitochondrial DNA Part B: Resources, 2018, 3, 968-969.	0.2	4
31	The complete mitochondrial DNA of the tropical oyster Crassostrea belcheri from the Cáº§n GiÃ²â€™ mangrove in Vietnam. Mitochondrial DNA Part B: Resources, 2018, 3, 462-463.	0.2	4
32	Genome-wide organellar analyses from the hornwort Leiosporoceros dussii show low frequency of RNA editing. PLoS ONE, 2018, 13, e0200491.	1.1	24
33	Screening for Exotic Forest Pathogens to Increase Survey Capacity Using Metagenomics. Phytopathology, 2018, 108, 1509-1521.	1.1	30
34	Divergent copies of the large inverted repeat in the chloroplast genomes of ulvophycean green algae. Scientific Reports, 2017, 7, 994.	1.6	77
35	Mitochondrion-to-Chloroplast DNA Transfers and Intragenomic Proliferation of Chloroplast Group II Introns inGloeotilopsisGreen Algae (Ulotrichales, Ulvophyceae). Genome Biology and Evolution, 2016, 8, 2789-2805.	1.1	34
36	Comparative Chloroplast Genome Analyses of Streptophyte Green Algae Uncover Major Structural Alterations in the Klebsormidiophyceae, Coleochaetophyceae and Zygnematophyceae. Frontiers in Plant Science, 2016, 7, 697.	1.7	62

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37	Chloroplast phylogenomic analyses reveal the deepest-branching lineage of the Chlorophyta, Palmophyllophyceae class. nov.. Scientific Reports, 2016, 6, 25367.	1.6	98
38	Distinctive Architecture of the Chloroplast Genome in the Chlorodendrophycean Green Algae Scherffelia dubia and Tetraselmis sp. CCMP 881. PLoS ONE, 2016, 11, e0148934.	1.1	33
39	Proliferation of group II introns in the chloroplast genome of the green algaOedocladium carolinianum(Chlorophyceae). PeerJ, 2016, 4, e2627.	0.9	20
40	Chloroplast phylogenomic analysis of chlorophyte green algae identifies a novel lineage sister to the Sphaeropleales (Chlorophyceae). BMC Evolutionary Biology, 2015, 15, 264.	3.2	69
41	Dynamic Evolution of the Chloroplast Genome in the Green Algal Classes Pedinophyceae and Trebouxiophyceae. Genome Biology and Evolution, 2015, 7, 2062-2082.	1.1	72
42	Six newly sequenced chloroplast genomes from prasinophyte green algae provide insights into the relationships among prasinophyte lineages and the diversity of streamlined genome architecture in picoplanktonic species. BMC Genomics, 2014, 15, 857.	1.2	82
43	Chloroplast phylogenomic analysis resolves deep-level relationships within the green algal class Trebouxiophyceae. BMC Evolutionary Biology, 2014, 14, 211.	3.2	107
44	Tracing the Evolution of Streptophyte Algae and Their Mitochondrial Genome. Genome Biology and Evolution, 2013, 5, 1817-1835.	1.1	55
45	The Mitochondrial Genome of the Prasinophyte Prasinoderma coloniale Reveals Two Trans-Spliced Group I Introns in the Large Subunit rRNA Gene. PLoS ONE, 2013, 8, e84325.	1.1	17
46	Genome Fragmentation Is Not Confined to the Peridinin Plastid in Dinoflagellates. PLoS ONE, 2012, 7, e38809.	1.1	13
47	The Chloroplast Genome of the Green Alga Schizomeris leibleinii (Chlorophyceae) Provides Evidence for Bidirectional DNA Replication from a Single Origin in the Chaetophorales. Genome Biology and Evolution, 2011, 3, 505-515.	1.1	30
48	Genome Evolution of a Tertiary Dinoflagellate Plastid. PLoS ONE, 2011, 6, e19132.	1.1	56
49	The Exceptionally Large Chloroplast Genome of the Green Alga Floydiella terrestris Illuminates the Evolutionary History of the Chlorophyceae. Genome Biology and Evolution, 2010, 2, 240-256.	1.1	87
50	A Deviant Genetic Code in the Reduced Mitochondrial Genome of the Picoplanktonic Green Alga Pycnococcus provasolii. Journal of Molecular Evolution, 2010, 70, 203-214.	0.8	28
51	The Chloroplast Genomes of the Green Algae Pyramimonas, Monomastix, and Pycnococcus Shed New light on the Evolutionary History of Prasinophytes and the Origin of the Secondary Chloroplasts of Euglenids. Molecular Biology and Evolution, 2009, 26, 631-648.	3.5	198
52	The Chloroplast Genomes of the Green Algae Pedinomonas minor, Parachlorella kessleri, and Oocystis solitaria Reveal a Shared Ancestry between the Pedinomonadales and Chlorellales. Molecular Biology and Evolution, 2009, 26, 2317-2331.	3.5	75
53	DEEP DIVISION IN THE CHLOROPHYCEAE (CHLOROPHYTA) REVEALED BY CHLOROPLAST PHYLOGENOMIC ANALYSES¹. Journal of Phycology, 2008, 44, 739-750.	1.0	67
54	Chloroplast DNA sequence of the green alga Oedogonium cardiacum (Chlorophyceae): Unique genome architecture, derived characters shared with the Chaetophorales and novel genes acquired through horizontal transfer. BMC Genomics, 2008, 9, 290.	1.2	61

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55	Common Intervals and Symmetric Difference in a Model-Free Phylogenomics, with an Application to Streptophyte Evolution. Journal of Computational Biology, 2007, 14, 436-445.	0.8	27
56	The Green Algal Ancestry of Land Plants as Revealed by the Chloroplast Genome. International Journal of Plant Sciences, 2007, 168, 679-689.	0.6	75
57	A clade uniting the green algae Mesostigma viride and Chlorokybus atmophyticus represents the deepest branch of the Streptophyta in chloroplast genome-based phylogenies. BMC Biology, 2007, 5, 2.	1.7	121
58	An unexpectedly large and loosely packed mitochondrial genome in the charophycean green alga Chlorokybus atmophyticus. BMC Genomics, 2007, 8, 137.	1.2	49
59	The chloroplast genome sequence of the green alga Leptosira terrestris: multiple losses of the inverted repeat and extensive genome rearrangements within the Trebouxiophyceae. BMC Genomics, 2007, 8, 213.	1.2	41
60	The complete chloroplast DNA sequence of the green alga Oltmannsiellopsis viridis reveals a distinctive quadripartite architecture in the chloroplast genome of early diverging ulvophytes. BMC Biology, 2006, 4, 3.	1.7	87
61	Distinctive architecture of the chloroplast genome in the chlorophycean green alga Stigeoclonium helveticum. Molecular Genetics and Genomics, 2006, 276, 464-477.	1.0	52
62	The complete mitochondrial DNA sequence of the green alga Oltmannsiellopsis viridis: evolutionary trends of the mitochondrial genome in the Ulvophyceae. Current Genetics, 2006, 50, 137-147.	0.8	39
63	The Structure of I-CeuI Homing Endonuclease: Evolving Asymmetric DNA Recognition from a Symmetric Protein Scaffold. Structure, 2006, 14, 869-880.	1.6	35
64	The complete chloroplast genome sequence of the chlorophycean green alga Scenedesmus obliquus reveals a compact gene organization and a biased distribution of genes on the two DNA strands. BMC Evolutionary Biology, 2006, 6, 37.	3.2	75
65	The Chloroplast Genome Sequence of Chara vulgaris Sheds New Light into the Closest Green Algal Relatives of Land Plants. Molecular Biology and Evolution, 2006, 23, 1324-1338.	3.5	198
66	Common Intervals and Symmetric Difference in a Model-Free Phylogenomics, with an Application to Streptophyte Evolution. Lecture Notes in Computer Science, 2006, , 63-74.	1.0	1
67	The complete chloroplast DNA sequences of the charophycean green algae Staurastrum and Zygnema reveal that the chloroplast genome underwent extensive changes during the evolution of the Zygnematales. BMC Biology, 2005, 3, 22.	1.7	85
68	The Chloroplast Genome Sequence of the Green Alga Pseudendoclonium akinetum (Ulvophyceae) Reveals Unusual Structural Features and New Insights into the Branching Order of Chlorophyte Lineages. Molecular Biology and Evolution, 2005, 22, 1903-1918.	3.5	142
69	The Complete Mitochondrial DNA Sequence of the Green Alga Pseudendoclonium akinetum (Ulvophyceae) Highlights Distinctive Evolutionary Trends in the Chlorophyta and Suggests a Sister-Group Relationship Between the Ulvophyceae and Chlorophyceae. Molecular Biology and Evolution, 2004, 21, 922-935.	3.5	82
70	Metal-Dependent DNA Cleavage Mechanism of the I-CreI LAGLIDADG Homing Endonucleaseâ€,â€¡. Biochemistry, 2004, 43, 14015-14026.	1.2	53
71	Flexible DNA Target Site Recognition by Divergent Homing Endonuclease Isoschizomers I-CreI and I-MsoI. Journal of Molecular Biology, 2003, 329, 253-269.	2.0	100
72	The Mitochondrial Genome of Chara vulgaris: Insights into the Mitochondrial DNA Architecture of the Last Common Ancestor of Green Algae and Land Plants[W]. Plant Cell, 2003, 15, 1888-1903.	3.1	138

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73	The chloroplast and mitochondrial genome sequences of the charophyte Chaetosphaeridium globosum: Insights into the timing of the events that restructured organelle DNAs within the green algal lineage that led to land plants. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11275-11280.	3.3	180
74	The Complete Mitochondrial DNA Sequence of Mesostigma viride Identifies This Green Alga as the Earliest Green Plant Divergence and Predicts a Highly Compact Mitochondrial Genome in the Ancestor of All Green Plants. Molecular Biology and Evolution, 2002, 19, 24-38.	3.5	116
75	PHYLOGENETIC RELATIONSHIPS AMONG STREPTOPHYTES AS INFERRED FROM CHLOROPLAST SMALL AND LARGE SUBUNIT rRNA GENE SEQUENCES 1. Journal of Phycology, 2002, 38, 364-375.	1.0	70
76	Rapid evolution of the DNA-binding site in LAGLIDADG homing endonucleases. Nucleic Acids Research, 2001, 29, 960-969.	6.5	64
77	Ancestral chloroplast genome in Mesostigma viride reveals an early branch of green plant evolution. Nature, 2000, 403, 649-652.	13.7	251
78	The Complete Mitochondrial DNA Sequence of Scenedesmus obliquus Reflects an Intermediate Stage in the Evolution of the Green Algal Mitochondrial Genome. Genome Research, 2000, 10, 819-831.	2.4	98
79	Biochemical characterization of I-CmoeI reveals that this H-N-H homing endonuclease shares functional similarities with H-N-H colicins. Nucleic Acids Research, 2000, 28, 4566-4572.	6.5	27
80	Chloroplast Gene Order and the Divergence of Plants and Algae, from the Normalized Number of Induced Breakpoints. Computational Biology, 2000, , 89-98.	0.1	13
81	A Genomics Approach to Mitochondrial Evolution. Biological Bulletin, 1999, 196, 400-403.	0.7	4
82	The complete chloroplast DNA sequence of the green alga Nephroselmis olivacea: Insights into the architecture of ancestral chloroplast genomes. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 10248-10253.	3.3	245
83	The Complete Mitochondrial DNA Sequences of Nephroselmis olivacea and Pedinomonas minor: Two Radically Different Evolutionary Patterns within Green Algae. Plant Cell, 1999, 11, 1717-1729.	3.1	154
84	The Complete Mitochondrial DNA Sequences of Nephroselmis olivacea and Pedinomonas minor: Two Radically Different Evolutionary Patterns within Green Algae. Plant Cell, 1999, 11, 1717.	3.1	16
85	Genome structure and gene content in protist mitochondrial DNAs. Nucleic Acids Research, 1998, 26, 865-878.	6.5	330
86	Evolutionarily conserved and functionally important residues in the I- CeuI homing endonuclease. Nucleic Acids Research, 1997, 25, 2610-2619.	6.5	41
87	An ancestral mitochondrial DNA resembling a eubacterial genome in miniature. Nature, 1997, 387, 493-497.	13.7	658
88	The chloroplast ycf3 and ycf4 open reading frames of Chlamydomonas reinhardtii are required for the accumulation of the photosystem I complex. EMBO Journal, 1997, 16, 6095-6104.	3.5	235
89	Optional elements in the chloroplast DNAs of Chlamydomonas eugametos and C. moewusii: unidirectional gene conversion and co-conversion of adjacent markers in high-viability crossses. Current Genetics, 1996, 30, 356-365.	0.8	15
90	Phylogeny of the Chlamydomonadales (Chlorophyceae): A Comparison of Ribosomal RNA Gene Sequences from the Nucleus and the Chloroplast. Molecular Phylogenetics and Evolution, 1996, 5, 391-402.	1.2	86

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91	The trans-spliced intron 1 in the psaA gene of the Chlamydomonas chloroplast: a comparative analysis. Current Genetics, 1995, 27, 270-279.	0.8	22
92	Evolutionary transfer of ORF-containing group I introns between different subcellular compartments (chloroplast and mitochondrion).. Molecular Biology and Evolution, 1995, 12, 533-45.	3.5	83
93	The site-specific DNA endonuclease encoded by a group I intron in theChlamydomonas pallidostigmaticachlorplast small subunit rRNA gene introduces a single-strand break at low concentrations of Mg2+. Nucleic Acids Research, 1995, 23, 2519-2525.	6.5	24
94	The Chlamydomonas chloroplast clpP gene contains translated large insertion sequences and is essential for cell growth. Molecular Genetics and Genomics, 1994, 244, 151-159.	2.4	86
95	The I-Ceu I endonuclease: purification and potential role in the evolution of Chlamydomonas group I introns. FEBS Journal, 1994, 220, 855-859.	0.2	23
96	Identification of variability of ribosomal DNA spacer from Pseudomonas soil isolates. Canadian Journal of Microbiology, 1994, 40, 541-547.	0.8	17
97	Analysis of the Chloroplast Large Subunit Ribosomal RNA Gene from 17 Chlamydomonas Taxa. Journal of Molecular Biology, 1993, 232, 446-467.	2.0	95
98	The single group-I intron in the chloroplast rrnL gene of Chlamydomonas humicola encodes a site-specific DNA endonuclease (I-ChuI). Gene, 1993, 129, 69-76.	1.0	26
99	The I-CeuI endonuclease recognizes a sequence of 19 base pairs and preferentially cleaves the coding strand of theChlamydomonas moewusiichloroplast large subunit rRNA gene. Nucleic Acids Research, 1992, 20, 6401-6407.	6.5	76
100	Cleavage pattern of the homing endonuclease encoded by the fifth intron in the chloroplast large subunit rRNA-encoding gene of Chlamydomonas eugametos. Gene, 1991, 104, 241-245.	1.0	89
101	Six group I introns and three internal transcribed spacers in the chloroplast large subunit ribosomal RNA gene of the green alga Chlamydomonas eugametos. Journal of Molecular Biology, 1991, 218, 293-311.	2.0	66
102	Cloning and characterization of the Chlamydomonas moewusii mitochondrial genome. Molecular Genetics and Genomics, 1991, 231, 53-58.	2.4	19
103	A group I intron in the chloroplast large subunit rRNA gene of Chlamydomonas eugametos encodes a double-strand endonuclease that cleaves the homing site of this intron. Current Genetics, 1991, 19, 43-47.	0.8	78
104	LOSS OF HYBRID LETHALITY DURING BACKCROSS PROGRAMS INVOLVING CHLAMYDOMONAS EUGAMETOS AND CHLAMYDOMONAS MOEWUSII (CHLOROPHYCEAE)1. Journal of Phycology, 1990, 26, 376-380.	1.0	6
105	Inheritance of mitochondrial and chloroplast genome markers in backcrosses of Chlamydomonas eugametos x Chlamydomonas moewusii hybrids. Current Genetics, 1990, 17, 73-76.	0.8	12
106	Recombination of Chlamydomonas chloroplast DNA occurs more frequently in the large inverted repeat sequence than in the single-copy regions. Theoretical and Applied Genetics, 1990, 79, 17-27.	1.8	15
107	Nucleotide sequence of the chloroplast large subunit rRNA gene fromChlamydomonas reinhardtii. Nucleic Acids Research, 1989, 17, 7997-7997.	6.5	28
108	Two group I introns with long internal open reading frames in the chloroplastpsbAgene ofChlamydomonas moewusii. Nucleic Acids Research, 1989, 17, 3875-3887.	6.5	39

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109	An optional group I intron between the chloroplast small subunit rRNA genes of Chlamydomonas moewusii and C. eugametos. Current Genetics, 1989, 15, 277-282.	0.8	46
110	Mobile introns: definition of terms and recommended nomenclature. Gene, 1989, 82, 115-118.	1.0	135
111	Mobile introns: definition of terms and recommended nomenclature**Presented at the Albany Conference on â€˜RNA: Catalysis, Splicing, Evolutionâ€™, Rensselaerville, NY (U.S.A.) 22-25 September, 1988.. , 1989, , 115-118.		0
112	Unidirectional gene conversions in the chloroplast of Chlamydomonas interspecific hybrids. Molecular Genetics and Genomics, 1988, 212, 48-55.	2.4	44
113	The chloroplast genome of the green alga Chlamydomonas moewusii: Localization of protein-coding genes and transcriptionally active regions. Molecular Genetics and Genomics, 1988, 214, 412-419.	2.4	43
114	Mapping of chloroplast mutations conferring resistance to antibiotics in Chlamydomonas: Evidence for a novel site of streptomycin resistance in the small subunit rRNA. Molecular Genetics and Genomics, 1988, 214, 192-197.	2.4	63
115	Cloning and sequencing of a cDNA encoding the small subunit precursor of ribulose-1,5-bisphosphate carboxylase from Chlamydomonas moewusii. Current Genetics, 1988, 14, 461-470.	0.8	19
116	A mutation in the 530 loop ofEscherichia coli16S ribosomal RNA causes resistance to streptomycin. Nucleic Acids Research, 1988, 16, 9631-9639.	6.5	105
117	Nonreciprocal recombination between alleles of the chloroplast 23S rRNA gene in interspecific Chlamydomonas crosses. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 4166-4170.	3.3	67
118	Physical mapping of differences between the chloroplast DNAs of the interfertile algae Chlamydomonas eugametos and Chlamydomonas moewusii. Current Genetics, 1987, 11, 543-552.	0.8	47
119	Complete nucleotide sequence and mRNA-mapping of the large subunit gene of ribulose-1,5-bisphosphate carboxylase/oxygenase (Rubisco) from Chlamydomonas moewusii. Gene, 1986, 50, 259-270.	1.0	34
120	A linear DNA molecule of 5.9 kilobase-pairs is highly homologous to the chloroplast DNA in the green alga Chlamydomonas moewusii. Plant Molecular Biology, 1986, 6, 313-319.	2.0	27
121	BIPARENTAL INHERITANCE OF NON-MENDELIAN GENE MARKERS IN CHLAMYDOMONAS MOEWUSII. Genetics, 1986, 113, 589-600.	1.2	18
122	The large subunit of ribulose-1,5-bisphosphate carboxylase-oxygenase is encoded in the inverted repeat sequence of the Chlamydomonas eugametos chloroplast genome. Current Genetics, 1985, 9, 139-145.	0.8	37
123	A 21 kilobase-pair deletion/addition difference in the inverted repeat sequence of chloroplast DNA from Chlamydomonas eugametos and C. moewusii. Plant Molecular Biology, 1985, 5, 77-84.	2.0	30
124	Chloroplast DNA variation in Chlamydomonas and its potential application to the systematics of this genus. BioSystems, 1985, 18, 293-298.	0.9	32
125	Chloroplast DNA recombination in interspecific hybrids of Chlamydomonas: Linkage between a nonmendelian locus for streptomycin resistance and restriction fragments coding for 16S rRNA. Proceedings of the National Academy of Sciences of the United States of America, 1984, 81, 1164-1168.	3.3	43
126	A genetical approach to the physical mapping of chloroplast genes in Chlamydomonas. Canadian Journal of Biochemistry and Cell Biology, 1984, 62, 225-229.	1.3	4

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127	CHLOROPLAST DNA RECOMBINATION IN INTERSPECIFIC HYBRIDS OF CHLAMYDOMONAS: LINKAGE BETWEEN NON-MENDELIAN GENETIC MARKERS AND SPECIFIC CHLOROPLAST DNA RESTRICTION FRAGMENTS. , 1983, , 558.		0
128	Dispersive labelling of Chlamydomonas chloroplast DNA in 15N-14N density transfer experiments. Current Genetics, 1981, 4, 91-97.	0.8	14
129	Physical evidence for recombination of chloroplast dna in hybrid progeny of Chlamydomonas eugametos and C. moewusii. Current Genetics, 1981, 3, 97-103.	0.8	32
130	Characterization of chloroplast DNA in Chlamydomonas eugametos and C. moewusii and its inheritance in hybrid progeny. Current Genetics, 1980, 2, 139-147.	0.8	61
131	Net synthesis of chloroplast DNA throughout the synchronized vegetative cell-cycle of Chlamydomonas. Current Genetics, 1980, 2, 229-232.	0.8	23