John M Archibald

List of PR Articles by Year
in descending order

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91 PR articles	5,532 PR citations	75308 36 PR h-index	62595 72 g-index
110 documents	7644 doc citations	51094 44 h-index	8282 citing authors

#	Article	IF	PR Citations
1	Horizontal Gene Transfer and Fusion Spread Carotenogenesis Among Diverse Heterotrophic Protists. Genome Biology and Evolution, 2023, 15, .	2.4	11
2	Massive intein content in Anaeramoeba reveals aspects of intein mobility in eukaryotes. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	7.6	3
3	The Earth BioGenome Project 2020: Starting the clock. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.6	279
4	Evolutionary Dynamics and Lateral Gene Transfer in Raphidophyceae Plastid Genomes. Frontiers in Plant Science, 2022, 13, .	4.1	3
5	Gene loss, pseudogenization, and independent genome reduction in non-photosynthetic species of Cryptomonas (Cryptophyceae) revealed by comparative nucleomorph genomics. BMC Biology, 2022, 20, .	4.0	9
6	Mitochondrial Genome Evolution in Pelagophyte Algae. Genome Biology and Evolution, 2021, 13, .	2.4	24
7	Re-examination of two diatom reference genomes using long-read sequencing. BMC Genomics, 2021, 22, .	3.3	44
8	RNA-Seq analysis reveals potential regulators of programmed cell death and leaf remodelling in lace plant (Aponogeton madagascariensis). BMC Plant Biology, 2021, 21, .	4.4	8
9	Genomic analysis finds no evidence of canonical eukaryotic DNA processing complexes in a free-living protist. Nature Communications, 2021, 12, .	13.9	28
10	Submergence of the filamentous Zygnematophyceae Mougeotia induces differential gene expression patterns associated with core metabolism and photosynthesis. Protoplasma, 2021, 259, 1157-1174.	2.3	19
11	Cryptomonads. Current Biology, 2020, 30, R1114-R1116.	3.6	9
12	Comparative Plastid Genomics of Non-Photosynthetic Chrysophytes: Genome Reduction and Compaction. Frontiers in Plant Science, 2020, 11, .	4.1	15
13	Comparative analyses of saprotrophy in Salisapilia sapeloensis and diverse plant pathogenic oomycetes reveal lifestyle-specific gene expression. FEMS Microbiology Ecology, 2020, 96, .	2.8	10
14	Lateral Gene Transfer Mechanisms and Pan-genomes in Eukaryotes. Trends in Parasitology, 2020, 36, 927-941.	3.2	69
15	Genomic Insights into Plastid Evolution. Genome Biology and Evolution, 2020, 12, 978-990.	2.4	147
16	Comparative Plastid Genomics of Cryptomonas Species Reveals Fine-Scale Genomic Responses to Loss of Photosynthesis. Genome Biology and Evolution, 2020, 12, 3926-3937.	2.4	39
17	Heat stress response in the closest algal relatives of land plants reveals conserved stress signaling circuits. Plant Journal, 2020, 103, 1025-1048.	6.2	83
18	Evolutionary Biology: Viral Rhodopsins Illuminate Algal Evolution. Current Biology, 2020, 30, R1469-R1471.	3.6	7

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19	Ubiquitin fusion proteins in algae: implications for cell biology and the spread of photosynthesis. BMC Genomics, 2019, 20, .	3.3	12
20	Comparative plastid genomics of Synurophyceae: inverted repeat dynamics and gene content variation. BMC Evolutionary Biology, 2019, 19, .	3.1	30
21	Relative Mutation Rates in Nucleomorph-Bearing Algae. Genome Biology and Evolution, 2019, 11, 1045-1053.	2.4	9
22	Nucleomorph Small RNAs in Cryptophyte and Chlorarachniophyte Algae. Genome Biology and Evolution, 2019, 11, 1117-1134.	2.4	1
23	Symbiosis in the microbial world: from ecology to genome evolution. Biology Open, 2018, 7, .	1.2	49
24	10KP: A phylodiverse genome sequencing plan. GigaScience, 2018, 7, .	3.2	199
25	Opportunistic but Lethal: The Mystery of Paramoebae. Trends in Parasitology, 2018, 34, 404-419.	3.2	48
26	Plant evolution: landmarks on the path to terrestrial life. New Phytologist, 2018, 217, 1428-1434.	8.1	341
27	Plastid genomes. Current Biology, 2018, 28, R336-R337.	3.6	33
28	Embryophyte stress signaling evolved in the algal progenitors of land plants. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, .	7.6	201
29	Nuclear genome sequence of the plastid-lacking cryptomonad Goniomonas avonlea provides insights into the evolution of secondary plastids. BMC Biology, 2018, 16, .	4.0	50
30	Massive mitochondrial DNA content in diplonemid and kinetoplastid protists. IUBMB Life, 2018, 70, 1267-1274.	3.1	52
31	On plant defense signaling networks and early land plant evolution. Communicative and Integrative Biology, 2018, 11, 1-14.	0.9	66
32	Comparative mitochondrial genomics of cryptophyte algae: gene shuffling and dynamic mobile genetic elements. BMC Genomics, 2018, 19, .	3.3	26
33	Lateral Gene Transfer in the Adaptation of the Anaerobic Parasite Blastocystis to the Gut. Current Biology, 2017, 27, 807-820.	3.6	110
34	Diversity and Evolution of Paramoeba spp. and their Kinetoplastid Endosymbionts. Journal of Eukaryotic Microbiology, 2017, 64, 598-607.	2.2	17
35	Endosymbiosis: Did Plastids Evolve from a Freshwater Cyanobacterium?. Current Biology, 2017, 27, R103-R105.	3.6	61
36	A Non-photosynthetic Diatom Reveals Early Steps of Reductive Evolution in Plastids. Molecular Biology and Evolution, 2017, 34, 2355-2366.	4.7	64

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37	How Embryophytic is the Biosynthesis of Phenylpropanoids and their Derivatives in Streptophyte Algae?. Plant and Cell Physiology, 2017, 58, 934-945.	3.5	118
38	Evolution: Protein Import in a Nascent Photosynthetic Organelle. Current Biology, 2017, 27, R1004-R1006.	3.6	2
39	Genome sequencing reveals metabolic and cellular interdependence in an amoeba-kinetoplastid symbiosis. Scientific Reports, 2017, 7, .	3.5	53
40	Evolutionary Dynamics of Cryptophyte Plastid Genomes. Genome Biology and Evolution, 2017, 9, 1859-1872.	2.4	74
41	The Carboxy Terminus of YCF1 Contains a Motif Conserved throughout >500 Myr of Streptophyte Evolution. Genome Biology and Evolution, 2017, 9, 473-479.	2.4	18
42	Extreme genome diversity in the hyper-prevalent parasitic eukaryote Blastocystis. PLoS Biology, 2017, 15, e2003769.	5.0	130
43	Heme pathway evolution in kinetoplastid protists. BMC Evolutionary Biology, 2016, 16, .	3.1	21
44	Comparative genomics of mitochondria in chlorarachniophyte algae: endosymbiotic gene transfer and organellar genome dynamics. Scientific Reports, 2016, 6, .	3.5	26
45	Evolution: Plumbing the Depths of Diplonemid Diversity. Current Biology, 2016, 26, R1290-R1292.	3.6	12
46	Probing the evolution, ecology and physiology of marine protists using transcriptomics. Nature Reviews Microbiology, 2016, 15, 6-20.	85.9	205
47	Gene Loss and Error-Prone RNA Editing in the Mitochondrion of Perkinsela , an Endosymbiotic Kinetoplastid. MBio, 2015, 6, .	4.4	32
48	Genomic perspectives on the birth and spread of plastids. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10147-10153.	7.6	150
49	Localization and Evolution of Putative Triose Phosphate Translocators in the DiatomPhaeodactylum tricornutum. Genome Biology and Evolution, 2015, 7, 2955-2969.	2.4	62
50	Endosymbiosis and Eukaryotic Cell Evolution. Current Biology, 2015, 25, R911-R921.	3.6	555
51	Dual Organellar Targeting of Aminoacyl-tRNA Synthetases in Diatoms and Cryptophytes. Genome Biology and Evolution, 2015, 7, 1728-1742.	2.4	62
52	Molecular Chaperones Encoded by a Reduced Nucleus: The Cryptomonad Nucleomorph. Journal of Molecular Evolution, 2014, 52, 490-501.	1.7	8
53	Reduced Nuclear Genomes Maintain High Gene Transcription Levels. Molecular Biology and Evolution, 2014, 31, 625-635.	4.7	20
54	Overexpression of Molecular Chaperone Genes in Nucleomorph Genomes. Molecular Biology and Evolution, 2014, 31, 1437-1443.	4.7	12

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55	Alternatives to vitamin B1 uptake revealed with discovery of riboswitches in multiple marine eukaryotic lineages. ISME Journal, 2014, 8, 2517-2529.	9.1	82
56	The Marine Microbial Eukaryote Transcriptome Sequencing Project (MMETSP): Illuminating the Functional Diversity of Eukaryotic Life in the Oceans through Transcriptome Sequencing. PLoS Biology, 2014, 12, e1001889.	5.0	1,027
57	Complete genome of a nonphotosynthetic cyanobacterium in a diatom reveals recent adaptations to an intracellular lifestyle. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11407-11412.	7.6	148
58	Nucleomorph and plastid genome sequences of the chlorarachniophyte Lotharella oceanica: convergent reductive evolution and frequent recombination in nucleomorph-bearing algae. BMC Genomics, 2014, 15, .	3.3	35
59	Ultrastructure and Molecular Phylogeny of the Cryptomonad Goniomonas avonlea sp. nov.. Protist, 2013, 164, 160-182.	1.7	42
60	Algal genomes reveal evolutionary mosaicism and the fate of nucleomorphs. Nature, 2012, 492, 59-65.	38.7	413
61	Nucleomorph Genome Sequence of the Cryptophyte Alga Chroomonas mesostigmatica CCMP1168 Reveals Lineage-Specific Gene Loss and Genome Complexity. Genome Biology and Evolution, 2012, 4, 1162-1175.	2.4	51
62	Complete Nucleomorph Genome Sequence of the Nonphotosynthetic Alga Cryptomonas paramecium Reveals a Core Nucleomorph Gene Set. Genome Biology and Evolution, 2011, 3, 44-54.	2.4	66
63	Origin of eukaryotic cells: 40Âyears on. Symbiosis, 2011, 54, 69-86.	1.7	37
64	Eukaryote-to-eukaryote gene transfer gives rise to genome mosaicism in euglenids. BMC Evolutionary Biology, 2011, 11, .	3.1	59
65	Large-Scale Phylogenomic Analyses Reveal That Two Enigmatic Protist Lineages, Telonemia and Centroheliozoa, Are Related to Photosynthetic Chromalveolates. Genome Biology and Evolution, 2009, 1, 231-238.	2.4	149
66	The Complete Plastid Genome Sequence of the Secondarily Nonphotosynthetic Alga Cryptomonas paramecium: Reduction, Compaction, and Accelerated Evolutionary Rate. Genome Biology and Evolution, 2009, 1, 439-448.	2.4	82
67	Going, Going, Not Quite Gone: Nucleomorphs as a Case Study in Nuclear Genome Reduction. Journal of Heredity, 2009, 100, 582-590.	2.3	39
68	The Puzzle of Plastid Evolution. Current Biology, 2009, 19, R81-R88.	3.6	452
69	Nucleomorph Genomes. Annual Review of Genetics, 2009, 43, 251-264.	7.2	85
70	Lotharella oceanica sp. nov. â€“ a new planktonic chlorarachniophyte studied by light and electron microscopy. Phycologia, 2009, 48, 315-323.	1.5	19
71	The origin and spread of eukaryotic photosynthesis: evolving views in light of genomics. Botanica Marina, 2009, 52, 95-103.	1.2	8
72	NUCLEOMORPH KARYOTYPE DIVERSITY IN THE FRESHWATER CRYPTOPHYTE GENUS CRYPTOMONAS¹. Journal of Phycology, 2008, 44, 11-14.	3.0	15

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73	NEW MARINE MEMBERS OF THE GENUS HEMISELMIS (CRYPTOMONADALES,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 7	3.0	42
74	Complete Sequence and Analysis of the Mitochondrial Genome of Hemiselmis andersenii CCMP644 (Cryptophyceae). BMC Genomics, 2008, 9, .	3.3	49
75	Plastid Evolution: Remnant Algal Genes in Ciliates. Current Biology, 2008, 18, R663-R665.	3.6	21
76	Lateral transfer of introns in the cryptophyte plastid genome. Nucleic Acids Research, 2008, 36, 3043-3053.	15.7	34
77	Nucleomorph genome of Hemiselmis andersenii reveals complete intron loss and compaction as a driver of protein structure and function. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19908-19913.	7.6	143
78	Nucleomorph genomes: structure, function, origin and evolution. BioEssays, 2007, 29, 392-402.	2.2	106
79	Plastid Genome Sequence of the Cryptophyte Alga Rhodomonas salina CCMP1319: Lateral Transfer of Putative DNA Replication Machinery and a Test of Chromist Plastid Phylogeny. Molecular Biology and Evolution, 2007, 24, 1832-1842.	4.7	105
80	Endosymbiosis: Double-Take on Plastid Origins. Current Biology, 2006, 16, R690-R692.	3.6	24
81	Algal Genomics: Exploring the Imprint of Endosymbiosis. Current Biology, 2006, 16, R1033-R1035.	3.6	14
82	Insight into the Diversity and Evolution of the Cryptomonad Nucleomorph Genome. Molecular Biology and Evolution, 2006, 23, 856-865.	4.7	44
83	Jumping Genes and Shrinking Genomes â€“ Probing the Evolution of Eukaryotic Photosynthesis with Genomics. IUBMB Life, 2005, 57, 539-547.	3.1	45
84	Phagotrophy in chlorarachniophyte algae: implications for eukaryotic genome evolution. Journal of Eukaryotic Microbiology, 2005, 52, 7S-27S.	2.2	0
85	Actin and Ubiquitin Protein Sequences Support a Cercozoan/Foraminiferan Ancestry for the Plasmodiophorid Plant Pathogens. Journal of Eukaryotic Microbiology, 2004, 51, 113-118.	2.2	64
86	Novel Ubiquitin Fusion Proteins: Ribosomal Protein P1 and Actin. Journal of Molecular Biology, 2003, 328, 771-778.	4.2	31
87	A Novel Polyubiquitin Structure in Cercozoa and Foraminifera: Evidence for a New Eukaryotic Supergroup. Molecular Biology and Evolution, 2003, 20, 62-66.	4.7	89
88	Lateral gene transfer and the evolution of plastid-targeted proteins in the secondary plastid-containing alga Bigelowiella natans. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7678-7683.	7.6	248
89	The Chaperonin Genes of Jakobid and Jakobid-Like Flagellates: Implications for Eukaryotic Evolution. Molecular Biology and Evolution, 2002, 19, 422-431.	4.7	59
90	Recycled plastids: a â€˜green movementâ€™ in eukaryotic evolution. Trends in Genetics, 2002, 18, 577-584.	9.9	219

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91	Gene Conversion and the Evolution of Euryarchaeal Chaperonins: A Maximum Likelihood-Based Method for Detecting Conflicting Phylogenetic Signals. Journal of Molecular Evolution, 2002, 55, 232-245.	1.7	32