Patrick J Keeling

List of Publications by Year
in descending order

375 papers	29,155 citations	6124 83 h-index	9605 147 g-index
402 all docs	402 docs citations	402 times ranked	19235 citing authors

#	Article	IF	Citations
1	Single-cell Microbiomics Unveils Distribution and Patterns of Microbial Symbioses in the Natural Environment. Microbial Ecology, 2023, 85, 307-316.	1.4	9
2	The â€œOtherâ€•Rickettsiales : an Overview of the Family â€œ Candidatus Midichloriaceaeâ€• Applied and Environmental Microbiology, 2022, 88, aem0243221.	1.4	14
3	Diplonemids â€“ A Review on "New" Flagellates on the Oceanic Block. Protist, 2022, 173, 125868.	0.6	15
4	Microbial communities in sandy beaches from the three domains of life differ by microhabitat and intertidal location. Molecular Ecology, 2022, 31, 3210-3227.	2.0	6
5	Monophyly of diverse Bigyromonadea and their impact on phylogenomic relationships within stramenopiles. Molecular Phylogenetics and Evolution, 2022, 171, 107468.	1.2	7
6	Systematic evaluation of horizontal gene transfer between eukaryotes and viruses. Nature Microbiology, 2022, 7, 327-336.	5.9	87
7	Microbiomes of microscopic marine invertebrates do not reveal signatures of phylosymbiosis. Nature Microbiology, 2022, 7, 810-819.	5.9	26
8	Gene Transfer Agents in Bacterial Endosymbionts of Microbial Eukaryotes. Genome Biology and Evolution, 2022, 14, .	1.1	8
9	All essential endosymbionts of the ciliate Euplotes are cyclically replaced. Current Biology, 2022, 32, R826-R827.	1.8	6
10	Pseudofinder: Detection of Pseudogenes in Prokaryotic Genomes. Molecular Biology and Evolution, 2022, 39, .	3.5	38
11	Morphological complexity affects the diversity of marine microbiomes. ISME Journal, 2021, 15, 1372-1386.	4.4	18
12	Heterotrophic flagellates and centrohelid heliozoans from marine waters of Curacao, the Netherlands Antilles. European Journal of Protistology, 2021, 77, 125758.	0.5	5
13	The Function and Evolution of Motile DNA Replication Systems in Ciliates. Current Biology, 2021, 31, 66-76.e6.	1.8	76
14	Gene expression during bacterivorous growth of a widespread marine heterotrophic flagellate. ISME Journal, 2021, 15, 154-167.	4.4	13
15	First finding of free-living representatives of Prokinetoplastina and their nuclear and mitochondrial genomes. Scientific Reports, 2021, 11, 2946.	1.6	13
16	The molecular phylogeny of Chionaster nivalis reveals a novel order of psychrophilic and globally distributed Tremellomycetes (Fungi, Basidiomycota). PLoS ONE, 2021, 16, e0247594.	1.1	1
17	Characterization of new cristamonad species from kalotermitid termites including a novel genus, Runanympha. Scientific Reports, 2021, 11, 7270.	1.6	0
18	Taxonomy of the Apicomplexan Symbionts of Coral, including Corallicolida ord. nov., Reassignment of the Genus Gemmocystis, and Description of New Species Corallicola aquarius gen. nov. sp. nov. and Anthozoaphila gnarlus gen. nov. sp. nov.. Journal of Eukaryotic Microbiology, 2021, 68, e12852.	0.8	9

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19	Three-Dimensional Molecular Cartography of the Caribbean Reef-Building Coral Orbicella faveolata. Frontiers in Marine Science, 2021, 8, .	1.2	11
20	Multigene phylogenetics of euglenids based on single-cell transcriptomics of diverse phagotrophs. Molecular Phylogenetics and Evolution, 2021, 159, 107088.	1.2	15
21	Bacterial and archaeal symbioses with protists. Current Biology, 2021, 31, R862-R877.	1.8	74
22	Parallel functional reduction in the mitochondria of apicomplexan parasites. Current Biology, 2021, 31, 2920-2928.e4.	1.8	26
23	Corallicolids: The elusive coral-infecting apicomplexans. PLoS Pathogens, 2021, 17, e1009845.	2.1	5
24	Phylogenomics Identifies a New Major Subgroup of Apicomplexans, Marosporida class nov., with Extreme Apicoplast Genome Reduction. Genome Biology and Evolution, 2021, 13, .	1.1	23
25	Single cell genomics reveals plastid-lacking Picozoa are close relatives of red algae. Nature Communications, 2021, 12, 6651.	5.8	40
26	Unexpected mitochondrial genome diversity revealed by targeted single-cell genomics of heterotrophic flagellated protists. Nature Microbiology, 2020, 5, 154-165.	5.9	44
27	The eukaryome: Diversity and role of microeukaryotic organisms associated with animal hosts. Functional Ecology, 2020, 34, 2045-2054.	1.7	34
28	New Lineage of Microbial Predators Adds Complexity to Reconstructing the Evolutionary Origin of Animals. Current Biology, 2020, 30, 4500-4509.e5.	1.8	24
29	Single-Cell Transcriptomics of Abedinium Reveals a New Early-Branching Dinoflagellate Lineage. Genome Biology and Evolution, 2020, 12, 2417-2428.	1.1	11
30	Highly Reduced Genomes of Protist Endosymbionts Show Evolutionary Convergence. Current Biology, 2020, 30, 925-933.e3.	1.8	41
31	Evolution of metabolic capabilities and molecular features of diplonemids, kinetoplastids, and euglenids. BMC Biology, 2020, 18, 23.	1.7	48
32	Controlled sampling of ribosomally active protistan diversity in sediment-surface layers identifies putative players in the marine carbon sink. ISME Journal, 2020, 14, 984-998.	4.4	19
33	Insights into the origin of metazoan multicellularity from predatory unicellular relatives of animals. BMC Biology, 2020, 18, 39.	1.7	36
34	Early eukaryotic origins and metazoan elaboration of MAPR family proteins. Molecular Phylogenetics and Evolution, 2020, 148, 106814.	1.2	17
35	Genetic tool development in marine protists: emerging model organisms for experimental cell biology. Nature Methods, 2020, 17, 481-494.	9.0	97
36	High-efficiency transformation of the chlorarachniophyte Amorphochlora amoebiformis by electroporation. Algal Research, 2020, 48, 101903.	2.4	5

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37	A letter to Denis Lynn. Aquatic Ecosystem Health and Management, 2020, 23, 17-18.	0.3	0
38	Predatory colponemids are the sister group to all other alveolates. Molecular Phylogenetics and Evolution, 2020, 149, 106839.	1.2	16
39	Phylogeny, Evidence for a Cryptic Plastid, and Distribution of Chytriodinium Parasites (Dinophyceae) Infecting Copepods. Journal of Eukaryotic Microbiology, 2019, 66, 574-581.	0.8	2
40	What Can Environmental Sequences Tell Us About the Distribution of Lowâ€Rank Taxa? The Case of Euplotes (Ciliophora, Spirotrichea), Including a Description of Euplotes enigma sp. nov.. Journal of Eukaryotic Microbiology, 2019, 66, 281-293.	0.8	17
41	A Revised Taxonomy of Diplonemids Including the Eupelagonemidae n. fam. and a Type Species, Eupelagonema oceanica n. gen. & sp.. Journal of Eukaryotic Microbiology, 2019, 66, 519-524.	0.8	17
42	Multiple Independent Origins of Apicomplexan-Like Parasites. Current Biology, 2019, 29, 2936-2941.e5.	1.8	84
43	A kleptoplastidic dinoflagellate and the tipping point between transient and fully integrated plastid endosymbiosis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17934-17942.	3.3	56
44	Progress towards the Tree of Eukaryotes. Current Biology, 2019, 29, R808-R817.	1.8	98
45	Non-photosynthetic predators are sister to red algae. Nature, 2019, 572, 240-243.	13.7	107
46	Symbionts of the ciliate Euplotes : diversity, patterns and potential as models for bacteriaâ€“eukaryote endosymbioses. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190693.	1.2	73
47	Validation of a universal set of primers to study animalâ€associated microeukaryotic communities. Environmental Microbiology, 2019, 21, 3855-3861.	1.8	34
48	A new case of kleptoplasty in animals: Marine flatworms steal functional plastids from diatoms. Science Advances, 2019, 5, eaaw4337.	4.7	46
49	Revealing the metabolic capacity of Streblomastix strix and its bacterial symbionts using single-cell metagenomics. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19675-19684.	3.3	40
50	The fate of obligate endosymbionts: reduction, integration, or extinction. Current Opinion in Genetics and Development, 2019, 58-59, 1-8.	1.5	38
51	Combining morphology, behaviour and genomics to understand the evolution and ecology of microbial eukaryotes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190085.	1.8	21
52	A distinct lineage of giant viruses brings a rhodopsin photosystem to unicellular marine predators. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20574-20583.	3.3	120
53	Dinoflagellate nucleus contains an extensive endomembrane network, the nuclear net. Scientific Reports, 2019, 9, 839.	1.6	12
54	Chromulinavorax destructans, a pathogen of microzooplankton that provides a window into the enigmatic candidate phylum Dependentiae. PLoS Pathogens, 2019, 15, e1007801.	2.1	59

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55	An aerobic eukaryotic parasite with functional mitochondria that likely lacks a mitochondrial genome. Science Advances, 2019, 5, eaav1110.	4.7	76
56	A widespread coral-infecting apicomplexan with chlorophyll biosynthesis genes. Nature, 2019, 568, 103-107.	13.7	102
57	Extensive Reduction of the Nuclear Pore Complex in Nucleomorphs. Genome Biology and Evolution, 2019, 11, 678-687.	1.1	4
58	Assessing the Diversity and Distribution of Apicomplexans in Host and Free-Living Environments Using High-Throughput Amplicon Data and a Phylogenetically Informed Reference Framework. Frontiers in Microbiology, 2019, 10, 2373.	1.5	33
59	Puromycin selection for stable transfectants of the oyster-infecting parasite Perkinsus marinus. Parasitology International, 2019, 69, 13-16.	0.6	8
60	Seasonal and ecohydrological regulation of active microbial populations involved in DOC, CO2, and CH4 fluxes in temperate rainforest soil. ISME Journal, 2019, 13, 950-963.	4.4	37
61	High Prevalence and Endemism of Trypanosomatids on a Small Caribbean Island. Journal of Eukaryotic Microbiology, 2019, 66, 600-607.	0.8	10
62	Phylogenomics supports the monophyly of the Cercozoa. Molecular Phylogenetics and Evolution, 2019, 130, 416-423.	1.2	16
63	Extensive molecular tinkering in the evolution of the membrane attachment mode of the Rheb GTPase. Scientific Reports, 2018, 8, 5239.	1.6	9
64	Viral proteins as a potential driver of histone depletion in dinoflagellates. Nature Communications, 2018, 9, 1535.	5.8	33
65	Global diversity and distribution of close relatives of apicomplexan parasites. Environmental Microbiology, 2018, 20, 2824-2833.	1.8	50
66	Rhizarian â€˜Novel Clade 10â€™ Revealed as Abundant and Diverse Planktonic and Terrestrial Flagellates, including Aquavolon n. gen.. Journal of Eukaryotic Microbiology, 2018, 65, 828-842.	0.8	29
67	Highâ€throughput environmental sequencing reveals high diversity of litter and moss associated protist communities along a gradient of drainage and tree productivity. Environmental Microbiology, 2018, 20, 1185-1203.	1.8	45
68	Symbiont replacement between bacteria of different classes reveals additional layers of complexity in the evolution of symbiosis in the ciliate Euplotes. Protist, 2018, 169, 43-52.	0.6	21
69	Transformation of Diplonema papillatum, the type species of the highly diverse and abundant marine microeukaryotes Diplonemida (Euglenozoa). Environmental Microbiology, 2018, 20, 1030-1040.	1.8	20
70	Fish Parasite Dinoflagellates Haidadinium ichthyophilum and Piscinoodinium Share a Recent Common Ancestor. Journal of Eukaryotic Microbiology, 2018, 65, 127-131.	0.8	1
71	New Species of Spirotrichonympha from Reticulitermes and the Relationships Among Genera in Spirotrichonymphea (Parabasalia). Journal of Eukaryotic Microbiology, 2018, 65, 159-169.	0.8	12
72	Single cell genomics of uncultured marine alveolates shows paraphyly of basal dinoflagellates. ISME Journal, 2018, 12, 304-308.	4.4	40

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73	Identifying protist consumers of photosynthetic picoeukaryotes in the surface ocean using stable isotope probing. Environmental Microbiology, 2018, 20, 815-827.	1.8	51
74	Sympatric kelp species share a large portion of their surface bacterial communities. Environmental Microbiology, 2018, 20, 658-670.	1.8	65
75	EukRef: Phylogenetic curation of ribosomal RNA to enhance understanding of eukaryotic diversity and distribution. PLoS Biology, 2018, 16, e2005849.	2.6	101
76	Feâ€“S Cluster Assembly in Oxymonads and Related Protists. Molecular Biology and Evolution, 2018, 35, 2712-2718.	3.5	19
77	EukRefâ€Ciliophora: a manually curated, phylogenyâ€based database of small subunit rRNA gene sequences of ciliates. Environmental Microbiology, 2018, 20, 2218-2230.	1.8	27
78	Reference Tree and Environmental Sequence Diversity of Labyrinthulomycetes. Journal of Eukaryotic Microbiology, 2017, 64, 88-96.	0.8	40
79	Patrick Keeling. Current Biology, 2017, 27, R85-R87.	1.8	0
80	Amalga-like virus infecting Antonospora locustae , a microsporidian pathogen of grasshoppers, plus related viruses associated with other arthropods. Virus Research, 2017, 233, 95-104.	1.1	18
81	Endosymbiosis: The feeling is not mutual. Journal of Theoretical Biology, 2017, 434, 75-79.	0.8	83
82	X-Cells Are Globally Distributed, Genetically Divergent Fish Parasites Related to Perkinsids and Dinoflagellates. Current Biology, 2017, 27, 1645-1651.e3.	1.8	29
83	Novel Predators Reshape Holozoan Phylogeny and Reveal the Presence of a Two-Component Signaling System in the Ancestor of Animals. Current Biology, 2017, 27, 2043-2050.e6.	1.8	87
84	Marine Protists Are Not Just Big Bacteria. Current Biology, 2017, 27, R541-R549.	1.8	108
85	How exaptations facilitated photosensory evolution: Seeing the light by accident. BioEssays, 2017, 39, 1600266.	1.2	16
86	Microbial arms race: Ballistic â€œnematocystsâ€•in dinoflagellates represent a new extreme in organelle complexity. Science Advances, 2017, 3, e1602552.	4.7	36
87	Chlorarachniophytes. , 2017, , 765-781.		5
88	Parallel genome reduction in symbionts descended from closely related free-living bacteria. Nature Ecology and Evolution, 2017, 1, 1160-1167.	3.4	62
89	A New Lineage of Eukaryotes Illuminates Early Mitochondrial Genome Reduction. Current Biology, 2017, 27, 3717-3724.e5.	1.8	109
90	The â€˜otherâ€™ coral symbiont: Ostreobium diversity and distribution. ISME Journal, 2017, 11, 296-299.	4.4	72

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91	Pseudotrichonympha leei, Pseudotrichonympha lifesoni, and Pseudotrichonympha pearti, new species of parabasalian flagellates and the description of a rotating subcellular structure. Scientific Reports, 2017, 7, 16349.	1.6	5
92	Molecular characterization and phylogeny of four new species of the genus Trichonympha (Parabasalia, Trichonymphea) from lower termite hindguts. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3570-3575.	0.8	12
93	Arginine deiminase pathway enzymes: evolutionary history in metamonads and other eukaryotes. BMC Evolutionary Biology, 2016, 16, 197.	3.2	40
94	Biogeography and Character Evolution of the Ciliate Genus Euplotes (Spirotrichea, Euplotia), with Description of Euplotes curdsi sp. nov.. PLoS ONE, 2016, 11, e0165442.	1.1	38
95	The Morphology, Ultrastructure and SSU rRNA Gene Sequence of a New Freshwater Flagellate, Neobodo borokensis n. sp. (Kinetoplastea, Excavata). Journal of Eukaryotic Microbiology, 2016, 63, 220-232.	0.8	26
96	Genomics: Evolution of the Genetic Code. Current Biology, 2016, 26, R851-R853.	1.8	35
97	Chlorarachniophytes. , 2016, , 1-17.		1
98	Protists and the Wild, Wild West of Gene Expression: New Frontiers, Lawlessness, and Misfits. Annual Review of Microbiology, 2016, 70, 161-178.	2.9	11
99	Morphological Identification and Single-Cell Genomics of Marine Diplonemids. Current Biology, 2016, 26, 3053-3059.	1.8	83
100	Moramonas marocensis gen. nov., sp. nov.: a jakobid flagellate isolated from desert soil with a bacteria-like, but bloated mitochondrial genome. Open Biology, 2016, 6, 150239.	1.5	12
101	Genome Evolution and Nitrogen Fixation in Bacterial Ectosymbionts of a Protist Inhabiting Wood-Feeding Cockroaches. Applied and Environmental Microbiology, 2016, 82, 4682-4695.	1.4	41
102	Functional Relationship between a Dinoflagellate Host and Its Diatom Endosymbiont. Molecular Biology and Evolution, 2016, 33, 2376-2390.	3.5	43
103	Untangling the early diversification of eukaryotes: a phylogenomic study of the evolutionary origins of Centrohelida, Haptophyta and Cryptista. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152802.	1.2	222
104	Microsporidia â€“ Emergent Pathogens in the Global Food Chain. Trends in Parasitology, 2016, 32, 336-348.	1.5	221
105	Evolution: Causality and the Origin of Parasitism. Current Biology, 2016, 26, R174-R177.	1.8	31
106	Diverse, uncultivated bacteria and archaea underlying the cycling of dissolved protein in the ocean. ISME Journal, 2016, 10, 2158-2173.	4.4	177
107	Chromerid genomes reveal the evolutionary path from photosynthetic algae to obligate intracellular parasites. ELife, 2015, 4, e06974.	2.8	198
108	The origins of malaria: there are more things in heaven and earth â€¦. Parasitology, 2015, 142, S16-S25.	0.7	36

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109	Divergent Mitochondrial Respiratory Chains in Phototrophic Relatives of Apicomplexan Parasites. Molecular Biology and Evolution, 2015, 32, 1115-1131.	3.5	79
110	Rethinking the marine carbon cycle: Factoring in the multifarious lifestyles of microbes. Science, 2015, 347, 1257594.	6.0	679
111	Molecular Evidence for the Polyphyly of Macrotrichomonas (Parabasalia: Cristamonadea) and a Proposal for Macrotrichomonoides n. gen.. Journal of Eukaryotic Microbiology, 2015, 62, 494-504.	0.8	7
112	The Phylogenetic Position of Kofoidia loriculata (Parabasalia) and its Implications for the Evolution of the Cristamonadea. Journal of Eukaryotic Microbiology, 2015, 62, 255-259.	0.8	10
113	The Role of Host Phylogeny Varies in Shaping Microbial Diversity in the Hindguts of Lower Termites. Applied and Environmental Microbiology, 2015, 81, 1059-1070.	1.4	87
114	Eye-like ocelloids are built from different endosymbiotically acquired components. Nature, 2015, 523, 204-207.	13.7	74
115	The Ordospora colligata Genome: Evolution of Extreme Reduction in Microsporidia and Host-To-Parasite Horizontal Gene Transfer. MBio, 2015, 6, .	1.8	36
116	Mitochondrial and plastid genome architecture: Reoccurring themes, but significant differences at the extremes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10177-10184.	3.3	327
117	Single-cell transcriptomics using spliced leader PCR: Evidence for multiple losses of photosynthesis in polykrikoid dinoflagellates. BMC Genomics, 2015, 16, 528.	1.2	20
118	Factors mediating plastid dependency and the origins of parasitism in apicomplexans and their close relatives. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10200-10207.	3.3	203
119	Description of Colponema vietnamica sp.n. and Acavomonas peruviana n. gen. n. sp., Two New Alveolate Phyla (Colponemidia nom. nov. and Acavomonidia nom. nov.) and Their Contributions to Reconstructing the Ancestral State of Alveolates and Eukaryotes. PLoS ONE, 2014, 9, e95467.	1.1	50
120	The 3D Structure of the Apical Complex and Association with the Flagellar Apparatus Revealed by Serial TEM Tomography in Psammosa pacifica, a Distant Relative of the Apicomplexa. PLoS ONE, 2014, 9, e84653.	1.1	46
121	A Comparative Overview of the Flagellar Apparatus of Dinoflagellate, Perkinsids and Colpodellids. Microorganisms, 2014, 2, 73-91.	1.6	15
122	Evidence for the Retention of Two Evolutionary Distinct Plastids in Dinoflagellates with Diatom Endosymbionts. Genome Biology and Evolution, 2014, 6, 2321-2334.	1.1	47
123	Overexpression of Molecular Chaperone Genes in Nucleomorph Genomes. Molecular Biology and Evolution, 2014, 31, 1437-1443.	3.5	12
124	A Lack of Parasitic Reduction in the Obligate Parasitic Green Alga Helicosporidium. PLoS Genetics, 2014, 10, e1004355.	1.5	57
125	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.	2.6	885
126	Horizontal Gene Transfer and Redundancy of Tryptophan Biosynthetic Enzymes in Dinotoms. Genome Biology and Evolution, 2014, 6, 333-343.	1.1	20

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127	A Complex Distribution of Elongation Family GTPases EF1A and EFL in Basal Alveolate Lineages. Genome Biology and Evolution, 2014, 6, 2361-2367.	1.1	7
128	The others: our biased perspective of eukaryotic genomes. Trends in Ecology and Evolution, 2014, 29, 252-259.	4.2	167
129	The Impact of History on Our Perception of Evolutionary Events: Endosymbiosis and the Origin of Eukaryotic Complexity. Cold Spring Harbor Perspectives in Biology, 2014, 6, a016196-a016196.	2.3	21
130	Rhizaria. Current Biology, 2014, 24, R103-R107.	1.8	95
131	Endosymbiotic Gene Transfer in Tertiary Plastid-Containing Dinoflagellates. Eukaryotic Cell, 2014, 13, 246-255.	3.4	52
132	Single-cell transcriptomics for microbial eukaryotes. Current Biology, 2014, 24, R1081-R1082.	1.8	70
133	Endosymbiosis: Protein Targeting Further Erodes the Organelle/Symbiont Distinction. Current Biology, 2014, 24, R654-R655.	1.8	29
134	Analysis of EST data of the marine protist Oxyrrhis marina, an emerging model for alveolate biology and evolution. BMC Genomics, 2014, 15, 122.	1.2	26
135	Termite Hindguts and the Ecology of Microbial Communities in the Sequencing Age. Journal of Eukaryotic Microbiology, 2013, 60, 421-428.	0.8	7
136	Comparative genomics of parasitic silkworm microsporidia reveal an association between genome expansion and host adaptation. BMC Genomics, 2013, 14, 186.	1.2	127
137	Phylogenomics of the Intracellular Parasite Mikrocytos mackini Reveals Evidence for a Mitosome in Rhizaria. Current Biology, 2013, 23, 1541-1547.	1.8	71
138	Colponemids Represent Multiple Ancient Alveolate Lineages. Current Biology, 2013, 23, 2546-2552.	1.8	43
139	The Number, Speed, and Impact of Plastid Endosymbioses in Eukaryotic Evolution. Annual Review of Plant Biology, 2013, 64, 583-607.	8.6	376
140	Morphology and Molecular Phylogeny of Staurojoenina mulleri sp. nov. (Trichonymphida,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 Microbiology, 2013, 60, 203-213.	0.8	10
141	Split Photosystem Protein, Linear-Mapping Topology, and Growth of Structural Complexity in the Plastid Genome of Chromera velia. Molecular Biology and Evolution, 2013, 30, 2447-2462.	3.5	59
142	Organelle Genome Complexity Scales Positively with Organism Size in Volvocine Green Algae. Molecular Biology and Evolution, 2013, 30, 793-797.	3.5	52
143	Trichonympha burlesquei n. sp. from Reticulitermes virginicus and evidence against a cosmopolitan distribution of Trichonympha agilis in many termite hosts. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3873-3876.	0.8	15
144	Complete Genome Sequences from Three Genetically Distinct Strains Reveal High Intraspecies Genetic Diversity in the Microsporidian Encephalitozoon cuniculi. Eukaryotic Cell, 2013, 12, 503-511.	3.4	57

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145	Gene Conversion Shapes Linear Mitochondrial Genome Architecture. Genome Biology and Evolution, 2013, 5, 905-912.	1.1	23
146	Molecular Characterization of Parabasalian Symbionts <scp>C</scp>oronympha clevelandii and <scp>T</scp>richonympha subquasilla from the <scp>H</scp>awaiian Lowland Tree Termite <scp>I</scp>ncisitermes immigrans. Journal of Eukaryotic Microbiology, 2013, 60, 313-316.	0.8	7
147	Environmental distribution of coral-associated relatives of apicomplexan parasites. ISME Journal, 2013, 7, 444-447.	4.4	53
148	Correlated SEM, FIB-SEM, TEM, and NanoSIMS Imaging of Microbes from the Hindgut of a Lower Termite: Methods forIn SituFunctional and Ecological Studies of Uncultivable Microbes. Microscopy and Microanalysis, 2013, 19, 1490-1501.	0.2	38
149	Cthulhu Macrofasciculumque n. g., n. sp. and Cthylla Microfasciculumque n. g., n. sp., a Newly Identified Lineage of Parabasalian Termite Symbionts. PLoS ONE, 2013, 8, e58509.	1.1	30
150	Evolution of Red Algal Plastid Genomes: Ancient Architectures, Introns, Horizontal Gene Transfer, and Taxonomic Utility of Plastid Markers. PLoS ONE, 2013, 8, e59001.	1.1	112
151	Single-Cell DNA Barcoding Using Sequences from the Small Subunit rRNA and Internal Transcribed Spacer Region Identifies New Species of Trichonympha and Trichomitopsis from the Hindgut of the Termite Zootermopsis angusticollis. PLoS ONE, 2013, 8, e58728.	1.1	21
152	CBOL Protist Working Group: Barcoding Eukaryotic Richness beyond the Animal, Plant, and Fungal Kingdoms. PLoS Biology, 2012, 10, e1001419.	2.6	488
153	Intragenomic Spread of Plastid-Targeting Presequences in the Coccolithophore Emiliania huxleyi. Molecular Biology and Evolution, 2012, 29, 2109-2112.	3.5	4
154	First Complete Mitochondrial Genome Sequence from a Box Jellyfish Reveals a Highly Fragmented Linear Architecture and Insights into Telomere Evolution. Genome Biology and Evolution, 2012, 4, 52-58.	1.1	57
155	Re-evaluating the Green versus Red Signal in Eukaryotes with Secondary Plastid of Red Algal Origin. Genome Biology and Evolution, 2012, 4, 626-635.	1.1	64
156	Dual targeting of aminoacyl-tRNA synthetases to the mitochondrion and complex plastid in chlorarachniophytes. Journal of Cell Science, 2012, 125, 6176-6184.	1.2	17
157	Genome-Based Reconstruction of the Protein Import Machinery in the Secondary Plastid of a Chlorarachniophyte Alga. Eukaryotic Cell, 2012, 11, 324-333.	3.4	33
158	Global distribution of a wild alga revealed by targeted metagenomics. Current Biology, 2012, 22, R675-R677.	1.8	65
159	Algal genomes reveal evolutionary mosaicism and the fate of nucleomorphs. Nature, 2012, 492, 59-65.	13.7	377
160	A new vesicular compartment in Encephalitozoon cuniculi. Microbes and Infection, 2012, 14, 324-328.	1.0	4
161	Global analysis of plastid diversity reveals apicomplexan-related lineages in coral reefs. Current Biology, 2012, 22, R518-R519.	1.8	95
162	Relative rates of evolution among the three genetic compartments of the red alga Porphyra differ from those of green plants and do not correlate with genome architecture. Molecular Phylogenetics and Evolution, 2012, 65, 339-344.	1.2	53

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