David Moreira

List of Publications by Year
in descending order

192	14,114	16451 64	24258 110
papers	citations	h-index	g-index

202	202	202	11610
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Site-and-branch-heterogeneous analyses of an expanded dataset favour mitochondria as sister to known Alphaproteobacteria. Nature Ecology and Evolution, 2022, 6, 253-262.	7.8	48
2	A New Gene Family Diagnostic for Intracellular Biomineralization of Amorphous Ca Carbonates by Cyanobacteria. Genome Biology and Evolution, 2022, 14, .	2.5	14
3	Independent Size Expansions and Intron Proliferation in Red Algal Plastid and Mitochondrial Genomes. Genome Biology and Evolution, 2022, 14, .	2.5	5
4	Active Microbial Airborne Dispersal and Biomorphs as Confounding Factors for Life Detection in the Cell-Degrading Brines of the Polyextreme Dallol Geothermal Field. MBio, 2022, 13, e0030722.	4.1	5
5	First Molecular Characterization of the Elusive Marine Protist Meteora sporadica. Protist, 2022, 173, 125896.	1.5	5
6	Environmental drivers of plankton protist communities along latitudinal and vertical gradients in the oldest and deepest freshwater lake. Environmental Microbiology, 2021, 23, 1436-1451.	3.8	22
7	Physical connections: prokaryotes parasitizing their kin. Environmental Microbiology Reports, 2021, 13, 54-61.	2.4	9
8	Small freshwater ecosystems with dissimilar microbial communities exhibit similar temporal patterns. Molecular Ecology, 2021, 30, 2162-2177.	3.9	15
9	Reductive evolution and unique predatory mode in the CPR bacterium Vampirococcus lugosii. Nature Communications, 2021, 12, 2454.	12.8	64
10	Marine signature taxa and core microbial community stability along latitudinal and vertical gradients in sediments of the deepest freshwater lake. ISME Journal, 2021, 15, 3412-3417.	9.8	7
11	Integrative analysis of the mineralogical and chemical composition of modern microbialites from ten Mexican lakes: What do we learn about their formation?. Geochimica Et Cosmochimica Acta, 2021, 305, 148-184.	3.9	28
12	Rapid formation of mature microbialites in Lake Alchichica, Mexico. Environmental Microbiology Reports, 2021, 13, 600-605.	2.4	2
13	Phylogenomics of a new fungal phylum reveals multiple waves of reductive evolution across Holomycota. Nature Communications, 2021, 12, 4973.	12.8	48
14	Archaeal overdominance close to lifeâ€limiting conditions in geothermally influenced hypersaline lakes at the Danakil Depression, Ethiopia. Environmental Microbiology, 2021, 23, 7168-7182.	3.8	6
15	Core microbial communities of lacustrine microbialites sampled along an alkalinity gradient. Environmental Microbiology, 2021, 23, 51-68.	3.8	26
16	Ancient Adaptive Lateral Gene Transfers in the Symbiotic Opalinaâ€“Blastocystis Stramenopile Lineage. Molecular Biology and Evolution, 2020, 37, 651-659.	8.9	7
17	Protist Interactions and Community Structure During Early Autumn in the Kerguelen Region (Southern Ocean). Protist, 2020, 171, 125709.	1.5	25
18	A Novel Microbialite-Associated Phototrophic Chloroflexi Lineage Exhibiting a Quasi-Clonal Pattern along Depth. Genome Biology and Evolution, 2020, 12, 1207-1216.	2.5	11

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19	Performance of the melting seawaterâ€ice elution method on the metabarcoding characterization of benthic protist communities. Environmental Microbiology Reports, 2020, 12, 314-323.	2.4	3
20	Origin and Evolution of the Halo-Volcanic Complex of Dallol: Proto-Volcanism in Northern Afar (Ethiopia). Frontiers in Earth Science, 2020, 7, .	1.8	17
21	The Syntrophy hypothesis for the origin of eukaryotes revisited. Nature Microbiology, 2020, 5, 655-667.	13.3	104
22	Cultured Asgard Archaea Shed Light on Eukaryogenesis. Cell, 2020, 181, 232-235.	28.9	22
23	Combined cultivation and single-cell approaches to the phylogenomics of nucleariid amoebae, close relatives of fungi. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190094.	4.0	24
24	Eukaryogenesis, a syntrophy affair. Nature Microbiology, 2019, 4, 1068-1070.	13.3	17
25	Horizontal and endosymbiotic gene transfer in early plastid evolution. New Phytologist, 2019, 224, 618-624.	7.3	57
26	The Ultrastructure of Sanchytrium tribonematis (Sanchytriaceae, Fungi incertae sedis) Confirms its Close Relationship to Amoeboradix. Journal of Eukaryotic Microbiology, 2019, 66, 892-898.	1.7	12
27	Fe-bearing phases in modern lacustrine microbialites from Mexico. Geochimica Et Cosmochimica Acta, 2019, 253, 201-230.	3.9	11
28	Microbial eukaryotes in the suboxic chemosynthetic ecosystem of Movile Cave, Romania. Environmental Microbiology Reports, 2019, 11, 464-473.	2.4	9
29	Time series are critical to understand microbial plankton diversity and ecology. Molecular Ecology, 2019, 28, 920-922.	3.9	12
30	Hyperdiverse archaea near life limits at the polyextreme geothermal Dallol area. Nature Ecology and Evolution, 2019, 3, 1552-1561.	7.8	62
31	The Chytrid-like Parasites of Algae Amoeboradix gromovi gen. et sp. nov. and Sanchytrium tribonematis Belong to a New Fungal Lineage. Protist, 2018, 169, 122-140.	1.5	24
32	Global transcriptome analysis of the aphelid Paraphelidium tribonemae supports the phagotrophic origin of fungi. Communications Biology, 2018, 1, 231.	4.4	63
33	New Member of Gromochytriales (Chytridiomycetes)â€"Apiochytrium granulosporumnov. gen. et sp.. Journal of Eukaryotic Microbiology, 2018, 66, 582-591.	1.7	5
34	Functional shifts in microbial mats recapitulate early Earth metabolic transitions. Nature Ecology and Evolution, 2018, 2, 1700-1708.	7.8	40
35	Evolutionary Genomics of Metchnikovella incurvata (Metchnikovellidae): An Early Branching Microsporidium. Genome Biology and Evolution, 2018, 10, 2736-2748.	2.5	34
36	Secondary Plastids of Euglenids and Chlorarachniophytes Function with a Mix of Genes of Red and Green Algal Ancestry. Molecular Biology and Evolution, 2018, 35, 2198-2204.	8.9	17

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37	Parvularia atlantis gen. et sp. nov., a Nucleariid Filose Amoeba (Holomycota, Opisthokonta). Journal of Eukaryotic Microbiology, 2018, 65, 170-179.	1.7	21
38	New insights into marine group III Euryarchaeota, from dark to light. ISME Journal, 2017, 11, 1102-1117.	9.8	72
39	An Early-Branching Freshwater Cyanobacterium at the Origin of Plastids. Current Biology, 2017, 27, 386-391.	3.9	275
40	Symbiosis in eukaryotic evolution. Journal of Theoretical Biology, 2017, 434, 20-33.	1.7	113
41	Unveiling microbial interactions in stratified mat communities from a warm saline shallow pond. Environmental Microbiology, 2017, 19, 2405-2421.	3.8	35
42	Phylogenetic and ecological diversity of apusomonads, a lineage of deepâ€branching eukaryotes. Environmental Microbiology Reports, 2017, 9, 113-119.	2.4	18
43	Geochemical Conditions Allowing the Formation of Modern Lacustrine Microbialites. Procedia Earth and Planetary Science, 2017, 17, 380-383.	0.6	27
44	Protist Evolution: Stealing Genes to Gut It Out. Current Biology, 2017, 27, R223-R225.	3.9	11
45	Molecular Phylogeny of Paraphelidium letcheri sp. nov. (Aphelida, Opisthosporidia). Journal of Eukaryotic Microbiology, 2017, 64, 573-578.	1.7	21
46	Evolution: King-Size Plastid Genomes in a New Red Algal Clade. Current Biology, 2017, 27, R651-R653.	3.9	6
47	Morphological and Genetic Diversity of Opisthosporidia: New Aphelid Paraphelidium tribonemae gen. et sp. nov.. Journal of Eukaryotic Microbiology, 2017, 64, 204-212.	1.7	25
48	Description of Gloeomargarita lithophora gen. nov., sp. nov., a thylakoid-bearing, basal-branching cyanobacterium with intracellular carbonates, and proposal for Gloeomargaritales ord. nov.. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 653-658.	1.7	72
49	Resilience of Freshwater Communities of Small Microbial Eukaryotes Undergoing Severe Drought Events. Frontiers in Microbiology, 2016, 7, 812.	3.5	26
50	Biomineralization Patterns of Intracellular Carbonatogenesis in Cyanobacteria: Molecular Hypotheses. Minerals (Basel, Switzerland), 2016, 6, 10.	2.0	48
51	A Phylogenomic Framework to Study the Diversity and Evolution of Stramenopiles (=Heterokonts). Molecular Biology and Evolution, 2016, 33, 2890-2898.	8.9	125
52	Comparative metagenomics unveils functions and genome features of microbialiteâ€associated communities along a depth gradient. Environmental Microbiology, 2016, 18, 4990-5004.	3.8	30
53	Involvement of microbial mats in early fossilization by decay delay and formation of impressions and replicas of vertebrates and invertebrates. Scientific Reports, 2016, 6, 25716.	3.3	45
54	Unarmoured dinoflagellates with a small hyposome:TorodiniumandLebouridiniumgen. nov. forKatodinium glaucum(Gymnodiniales, Dinophyceae). European Journal of Phycology, 2016, 51, 226-241.	2.0	3

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55	Balechina and the new genus Cucumeridinium gen. nov. (Dinophyceae), unarmored dinoflagellates with thick cell coverings. Journal of Phycology, 2015, 51, 1088-1105.	2.3	14
56	Formation of low-T hydrated silicates in modern microbialites from Mexico and implications for microbial fossilization. Frontiers in Earth Science, 2015, 3, .	1.8	57
57	Metagenome-based diversity analyses suggest a significant contribution of non-cyanobacterial lineages to carbonate precipitation in modern microbialites. Frontiers in Microbiology, 2015, 6, 797.	3.5	50
58	Rooting the Domain Archaea by Phylogenomic Analysis Supports the Foundation of the New Kingdom Proteoarchaeota. Genome Biology and Evolution, 2015, 7, 191-204.	2.5	124
59	Protocols for the Study of Microbeâ€“Mineral Interactions in Modern Microbialites. Springer Protocols, 2015, , 319-341.	0.3	0
60	Extending the Conserved Phylogenetic Core of Archaea Disentangles the Evolution of the Third Domain of Life. Molecular Biology and Evolution, 2015, 32, 1242-1254.	8.9	59
61	Bacterial gene import and mesophilic adaptation in archaea. Nature Reviews Microbiology, 2015, 13, 447-456.	28.6	90
62	Marked seasonality and high spatial variability of protist communities in shallow freshwater systems. ISME Journal, 2015, 9, 1941-1953.	9.8	165
63	Open Questions on the Origin of Eukaryotes. Trends in Ecology and Evolution, 2015, 30, 697-708.	8.7	107
64	Evolution of viruses and cells: do we need a fourth domain of life to explain the origin of eukaryotes?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140327.	4.0	72
65	A new class of marine Euryarchaeota group II from the mediterranean deep chlorophyll maximum. ISME Journal, 2015, 9, 1619-1634.	9.8	95
66	Complex communities of small protists and unexpected occurrence of typical marine lineages in shallow freshwater systems. Environmental Microbiology, 2015, 17, 3610-3627.	3.8	80
67	Pangenome Evidence for Extensive Interdomain Horizontal Transfer Affecting Lineage Core and Shell Genes in Uncultured Planktonic Thaumarchaeota and Euryarchaeota. Genome Biology and Evolution, 2014, 6, 1549-1563.	2.5	91
68	16S rDNA-based analysis reveals cosmopolitan occurrence but limited diversity of two cyanobacterial lineages with contrasted patterns of intracellular carbonate mineralization. Frontiers in Microbiology, 2014, 5, 331.	3.5	47
69	Seasonal dynamics of free-living tintinnid ciliate communities revealed by environmental sequences from the North-West Mediterranean Sea. FEMS Microbiology Ecology, 2014, 87, 330-342.	2.7	22
70	Intracellular Ca-carbonate biomineralization is widespread in cyanobacteria. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10933-10938.	7.1	221
71	What Was the Real Contribution of Endosymbionts to the Eukaryotic Nucleus? Insights from Photosynthetic Eukaryotes. Cold Spring Harbor Perspectives in Biology, 2014, 6, a016014-a016014.	5.5	23
72	The rise and fall of Picobiliphytes: How assumed autotrophs turned out to be heterotrophs. BioEssays, 2014, 36, 468-474.	2.5	31

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73	Molecular Phylogeny and Ultrastructure of Aphelidium aff. melosirae (Aphelida, Opisthosporidia). Protist, 2014, 165, 512-526.	1.5	43
74	New haptophyte lineages and multiple independent colonizations of freshwater ecosystems. Environmental Microbiology Reports, 2013, 5, 322-332.	2.4	55
75	Specific carbonateâ€“microbe interactions in the modern microbialites of Lake Alchichica (Mexico). ISME Journal, 2013, 7, 1997-2009.	9.8	75
76	Accuracy of protist diversity assessments: morphology compared with cloning and direct pyrosequencing of 18S rRNA genes and ITS regions using the conspicuous tintinnid ciliates as a case study. ISME Journal, 2013, 7, 244-255.	9.8	159
77	Microbial diversity in the deep-subsurface hydrothermal aquifer feeding the giant gypsum crystal-bearing Naica Mine, Mexico. Frontiers in Microbiology, 2013, 4, 37.	3.5	25
78	Reevaluating the Green Contribution to Diatom Genomes. Genome Biology and Evolution, 2012, 4, 683-688.	2.5	99
79	Polyclonality of Concurrent Natural Populations of Alteromonas macleodii. Genome Biology and Evolution, 2012, 4, 1360-1374.	2.5	57
80	Molecular Phylogeny of Tintinnid Ciliates (Tintinnida, Ciliophora). Protist, 2012, 163, 873-887.	1.5	55
81	An ACP-Independent Fatty Acid Synthesis Pathway in Archaea: Implications for the Origin of Phospholipids. Molecular Biology and Evolution, 2012, 29, 3261-3265.	8.9	42
82	Viruses in Biology. Evolution: Education and Outreach, 2012, 5, 389-398.	0.8	8
83	Correction: Early evolution of the biotin-dependent carboxylase family. BMC Evolutionary Biology, 2012, 12, 117.	3.2	2
84	Molecular phylogeny of the marine dinoflagellate genus Heterodinium (Dinophyceae). European Journal of Phycology, 2012, 47, 95-104.	2.0	5
85	Horizontal gene transfer of a chloroplast DnaJ-Fer protein to Thaumarchaeota and the evolutionary history of the DnaK chaperone system in Archaea. BMC Evolutionary Biology, 2012, 12, 226.	3.2	34
86	Phylogenomic Investigation of Phospholipid Synthesis in Archaea. Archaea, 2012, 2012, 1-13.	2.3	44
87	An Early-Branching Microbialite Cyanobacterium Forms Intracellular Carbonates. Science, 2012, 336, 459-462.	12.6	208
88	The early evolution of lipid membranes and the three domains of life. Nature Reviews Microbiology, 2012, 10, 507-515.	28.6	249
89	Sinophysis and Pseudophalacroma are Distantly Related to Typical Dinophysoid Dinoflagellates (Dinophysales, Dinophyceae). Journal of Eukaryotic Microbiology, 2012, 59, 188-190.	1.7	11
90	Different biogeographic patterns of prokaryotes and microbial eukaryotes in epilithic biofilms. Molecular Ecology, 2012, 21, 3852-3868.	3.9	57

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91	Phylogenomic Analysis of Kinetoplastids Supports That Trypanosomatids Arose from within Bodonids. Molecular Biology and Evolution, 2011, 28, 53-58.	8.9	68
92	Origins and Early Evolution of the Mevalonate Pathway of Isoprenoid Biosynthesis in the Three Domains of Life. Molecular Biology and Evolution, 2011, 28, 87-99.	8.9	270
93	Diversity and Vertical Distribution of Microbial Eukaryotes in the Snow, Sea Ice and Seawater Near the North Pole at the End of the Polar Night. Frontiers in Microbiology, 2011, 2, 106.	3.5	95
94	Solenicola setigera is the first characterized member of the abundant and cosmopolitan uncultured marine stramenopile group MASTâ€3. Environmental Microbiology, 2011, 13, 193-202.	3.8	50
95	MOLECULAR PHYLOGENY OF DINOPHYSOID DINOFLAGELLATES: THE SYSTEMATIC POSITION OF OXYPHYSIS OXYTOXOIDES AND THE DINOPHYSIS HASTATA GROUP (DINOPHYSALES, DINOPHYCEAE)1. Journal of Phycology, 2011, 47, 393-406.	2.3	24
96	Comparative metagenomics of bathypelagic plankton and bottom sediment from the Sea of Marmara. ISME Journal, 2011, 5, 285-304.	9.8	140
97	Complete-fosmid and fosmid-end sequences reveal frequent horizontal gene transfers in marine uncultured planktonic archaea. ISME Journal, 2011, 5, 1291-1302.	9.8	55
98	Highly Diverse and Seasonally Dynamic Protist Community in a Pristine Peat Bog. Protist, 2011, 162, 14-32.	1.5	74
99	The phylogenomic analysis of the anaphase promoting complex and its targets points to complex and modern-like control of the cell cycle in the last common ancestor of eukaryotes. BMC Evolutionary Biology, 2011, 11, 265.	3.2	33
100	Hydrochemistry and microbialites of the alkaline crater lake Alchichica, Mexico. Facies, 2011, 57, 543-570.	1.4	92
101	Early evolution of the biotin-dependent carboxylase family. BMC Evolutionary Biology, 2011, 11, 232.	3.2	43
102	Sunlight-Exposed Biofilm Microbial Communities Are Naturally Resistant to Chernobyl Ionizing-Radiation Levels. PLoS ONE, 2011, 6, e21764.	2.5	63
103	Prokaryotic and Eukaryotic Community Structure in Field and Cultured Microbialites from the Alkaline Lake Alchichica (Mexico). PLoS ONE, 2011, 6, e28767.	2.5	111
104	Neoceratium gen. nov., a New Genus for All Marine Species Currently Assigned to Ceratium (Dinophyceae). Protist, 2010, 161, 35-54.	1.5	50
105	The Environmental Clade LKM11 and Rozella Form the Deepest Branching Clade of Fungi. Protist, 2010, 161, 116-121.	1.5	197
106	Molecular Phylogeny of Noctilucoid Dinoflagellates (Noctilucales, Dinophyceae). Protist, 2010, 161, 466-478.	1.5	36
107	Metagenome of the Mediterranean deep chlorophyll maximum studied by direct and fosmid library 454 pyrosequencing. ISME Journal, 2010, 4, 1154-1166.	9.8	109
108	Molecular phylogeny of the dinoflagellates Podolampas and Blepharocysta (Peridiniales,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.4	11

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109	Signal Conflicts in the Phylogeny of the Primary Photosynthetic Eukaryotes. Molecular Biology and Evolution, 2009, 26, 2745-2753.	8.9	50
110	Modern Subsurface Bacteria in Pristine 2.7 Ga-Old Fossil Stromatolite Drillcore Samples from the Fortescue Group, Western Australia. PLoS ONE, 2009, 4, e5298.	2.5	23
111	Life cycle and molecular phylogeny of the dinoflagellates Chytriodinium and Dissodinium, ectoparasites of copepod eggs. European Journal of Protistology, 2009, 45, 260-270.	1.5	32
112	The crustacean parasites Ellobiopsis Caullery, 1910 and Thalassomyces Niezabitowski, 1913 form a monophyletic divergent clade within the Alveolata. Systematic Parasitology, 2009, 74, 65-74.	1.1	23
113	Yet viruses cannot be included in the tree of life. Nature Reviews Microbiology, 2009, 7, 615-617.	28.6	18
114	Ten reasons to exclude viruses from the tree of life. Nature Reviews Microbiology, 2009, 7, 306-311.	28.6	322
115	Molecular Phylogeny of the Ocelloidâ€Bearing Dinoflagellates Erythropsidinium and Warnowia (Warnowiaceae, Dinophyceae). Journal of Eukaryotic Microbiology, 2009, 56, 440-445.	1.7	29
116	Panâ€oceanic distribution of new highly diverse clades of deepâ€sea diplonemids. Environmental Microbiology, 2009, 11, 47-55.	3.8	82
117	Eukaryotic diversity and phylogeny using smallâ€and largeâ€subunit ribosomal RNA genes from environmental samples. Environmental Microbiology, 2009, 11, 3179-3188.	3.8	64
118	A Complex Cell Division Machinery Was Present in the Last Common Ancestor of Eukaryotes. PLoS ONE, 2009, 4, e5021.	2.5	21
119	Hindsight in the relative abundance, metabolic potential and genome dynamics of uncultivated marine archaea from comparative metagenomic analyses of bathypelagic plankton of different oceanic regions. ISME Journal, 2008, 2, 865-886.	9.8	113
120	A metagenomic analysis of soil bacteria extends the diversity of quorumâ€quenching lactonases. Environmental Microbiology, 2008, 10, 560-570.	3.8	100
121	Comparative analysis of genome fragments of Acidobacteria from deep Mediterranean plankton. Environmental Microbiology, 2008, 10, 2704-2717.	3.8	48
122	Giant viruses, giant chimeras: The multiple evolutionary histories of Mimivirus genes. BMC Evolutionary Biology, 2008, 8, 12.	3.2	223
123	Tracking microbial biodiversity through molecular and genomic ecology. Research in Microbiology, 2008, 159, 67-73.	2.1	86
124	Metabolic Symbiosis and the Birth of the Plant Kingdom. Molecular Biology and Evolution, 2008, 25, 536-548.	8.9	153
125	Archaeal and bacterial community composition of sediment and plankton from a suboxic freshwater pond. Research in Microbiology, 2007, 158, 213-227.	2.1	128
126	The Last Common Ancestor of Modern Cells. , 2007, , 305-317.		3

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127	Global eukaryote phylogeny: Combined small- and large-subunit ribosomal DNA trees support monophyly of Rhizaria, Retaria and Excavata. Molecular Phylogenetics and Evolution, 2007, 44, 255-266.	2.7	166
128	Eukaryotic diversity associated with carbonates and fluid?seawater interface in Lost City hydrothermal field. Environmental Microbiology, 2007, 9, 546-554.	3.8	166
129	Metagenomics of the Deep Mediterranean, a Warm Bathypelagic Habitat. PLoS ONE, 2007, 2, e914.	2.5	213
130	Metagenomic analysis of mesopelagic Antarctic plankton reveals a novel deltaproteobacterial group. Microbiology (United Kingdom), 2006, 152, 505-517.	1.8	32
131	Microbial diversity on the Tatahouine meteorite. Meteoritics and Planetary Science, 2006, 41, 1249-1265.	1.6	35
132	Prebiotic Chemistry â€" Biochemistry â€" Emergence of Life (4.4-2 Ga). , 2006, , 153-203.		1
133	Ancient Fossil Record and Early Evolution (ca. 3.8 to 0.5 Ga). , 2006, , 247-290.		0
134	Uncultured Archaea in a hydrothermal microbial assemblage: phylogenetic diversity and characterization of a genome fragment from a euryarchaeote. FEMS Microbiology Ecology, 2006, 57, 452-469.	2.7	18
135	5. Prebiotic Chemistry â€“ Biochemistry â€“ Emergence of Life (4.4â€“2 Ga). Earth, Moon and Planets, 2006, 98, 153-203.	0.6	14
136	7. Ancient Fossil Record and Early Evolution (ca.Â3.8 to 0.5ÂGa). Earth, Moon and Planets, 2006, 98, 247-290.	0.6	22
137	Present Status of the Molecular Ecology of Kathablepharids. Protist, 2006, 157, 7-11.	1.5	10
138	Selective forces for the origin of the eukaryotic nucleus. BioEssays, 2006, 28, 525-533.	2.5	129
139	Global Dispersal and Ancient Cryptic Species in the Smallest Marine Eukaryotes. Molecular Biology and Evolution, 2006, 23, 23-29.	8.9	210
140	Thermophilic Lifestyle for an Uncultured Archaeon from Hydrothermal Vents: Evidence from Environmental Genomics. Applied and Environmental Microbiology, 2006, 72, 2268-2271.	3.1	10
141	Diversity of functional genes of methanogens, methanotrophs and sulfate reducers in deep-sea hydrothermal environments. Environmental Microbiology, 2005, 7, 118-132.	3.8	95
142	Polyubiquitin Insertions and the Phylogeny of Cercozoa and Rhizaria. Protist, 2005, 156, 149-161.	1.5	86
143	Aurigamonas solis n. gen., n. sp., a Soil-Dwelling Predator with unusual Helioflagellate Organisation and Belonging to a Novel Clade within the Cercozoa. Protist, 2005, 156, 335-354.	1.5	24
144	Phylogenetic Analysis of Eukaryotic Thiolases Suggests Multiple Proteobacterial Origins. Journal of Molecular Evolution, 2005, 61, 65-74.	1.8	48

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145	Bacterial diversity and carbonate precipitation in the giant microbialites from the highly alkaline Lake Van, Turkey. Extremophiles, 2005, 9, 263-274.	2.3	137
146	Response to Comment on "The 1.2-Megabase Genome Sequence of Mimivirus". Science, 2005, 308, 1114-1114.	12.6	52
147	The extent of protist diversity: insights from molecular ecology of freshwater eukaryotes. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 2073-2081.	2.6	203
148	Analysis of a genome fragment of a deepâ€sea uncultivated Group II euryarchaeote containing 16S rDNA, a spectinomycinâ€like operon and several energy metabolism genes. Environmental Microbiology, 2004, 6, 959-969.	3.8	51
149	Ancestral lipid biosynthesis and early membrane evolution. Trends in Biochemical Sciences, 2004, 29, 469-477.	7.5	252
150	Evolutionary relationships of Fusobacterium nucleatum based on phylogenetic analysis and comparative genomics. BMC Evolutionary Biology, 2004, 4, 50.	3.2	63
151	Phytoplankton diversity and cyanobacterial dominance in a hypereutrophic shallow lake with biologically produced alkaline pH. Extremophiles, 2004, 8, 109-115.	2.3	111
152	Comparative analysis of a genome fragment of an uncultivated mesopelagic crenarchaeote reveals multiple horizontal gene transfers. Environmental Microbiology, 2004, 6, 19-34.	3.8	84
153	The nucleolar proteome and the (endosymbiotic) origin of the nucleus. BioEssays, 2004, 26, 1144-1145.	2.5	4
154	An updated view of kinetoplastid phylogeny using environmental sequences and a closer outgroup: proposal for a new classification of the class Kinetoplastea. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 1861-1875.	1.7	130
155	Palaeontological and molecular arguments for the origin of silica-secreting marine organisms. Comptes Rendus - Palevol, 2004, 3, 229-236.	0.2	18
156	High-resolution imaging of sulfur oxidation states, trace elements, and organic molecules distribution in individual microfossils and contempo rary microbial filaments 1 1Associate editor: N. E. Ostrom. Geochimica Et Cosmochimica Acta, 2004, 68, 1561-1569.	3.9	30
157	Horizontal gene transfer and archaeal origin of deoxyhypusine synthase homologous genes in bacteria. Gene, 2004, 330, 169-176.	2.2	32
158	Macrofilamentous microbial communities in the metal-rich and acidic River Tinto, Spain. FEMS Microbiology Letters, 2004, 235, 221-228.	1.8	11
159	Are hydrothermal vents oases for parasitic protists?. Trends in Parasitology, 2003, 19, 556-558.	3.3	86
160	Bacterial diversity in hydrothermal sediment and epsilonproteobacterial dominance in experimental microcolonizers at the Mid-Atlantic Ridge. Environmental Microbiology, 2003, 5, 961-976.	3.8	218
161	Rampant horizontal gene transfer and phospho-donor change in the evolution of the phosphofructokinase. Gene, 2003, 318, 185-191.	2.2	55
162	Autochthonous eukaryotic diversity in hydrothermal sediment and experimental microcolonizers at the Mid-Atlantic Ridge. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 697-702.	7.1	337

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163	Toward the Monophyly of Haeckel's Radiolaria: 18S rRNA Environmental Data Support the Sisterhood of Polycystinea and Acantharea. Molecular Biology and Evolution, 2002, 19, 118-121.	8.9	43
164	Evolution of Eukaryotic Translation Elongation and Termination Factors: Variations of Evolutionary Rate and Genetic Code Deviations. Molecular Biology and Evolution, 2002, 19, 189-200.	8.9	28
165	The molecular ecology of microbial eukaryotes unveils a hidden world. Trends in Microbiology, 2002, 10, 31-38.	7.7	279
166	Eubacterial phylogeny based on translational apparatus proteins. Trends in Genetics, 2002, 18, 1-5.	6.7	221
167	Wide bacterial diversity associated with tubes of the vent worm Riftia pachyptila. Environmental Microbiology, 2002, 4, 204-215.	3.8	108
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