Purificacion Lopez-Garcia

List of Publications by Year
in descending order

218 papers	13,453 citations	18482 62 h-index	28297 105 g-index
233 all docs	233 docs citations	233 times ranked	11012 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	A phylogenetic and proteomic reconstruction of eukaryotic chromatin evolution. Nature Ecology and Evolution, 2022, 6, 1007-1023.	7.8	26
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	Reâ€evaluation of Amphidiniopsis (Dinophyceae) Morphogroups Based On Phylogenetic Relationships, and Description of Three New Sandâ€dwelling Species From the NW Mediterranean. Journal of Phycology, 2020, 56, 68-84.	2.3	6
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	Ectosymbiotic bacteria at the origin of magnetoreception in a marine protist. Nature Microbiology, 2019, 4, 1088-1095.	13.3	57
27	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
28	Fe-bearing phases in modern lacustrine microbialites from Mexico. Geochimica Et Cosmochimica Acta, 2019, 253, 201-230.	3.9	11
29	Microbial eukaryotes in the suboxic chemosynthetic ecosystem of Movile Cave, Romania. Environmental Microbiology Reports, 2019, 11, 464-473.	2.4	9
30	Time series are critical to understand microbial plankton diversity and ecology. Molecular Ecology, 2019, 28, 920-922.	3.9	12
31	Hyperdiverse archaea near life limits at the polyextreme geothermal Dallol area. Nature Ecology and Evolution, 2019, 3, 1552-1561.	7.8	62
32	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
33	Cyanobacterial formation of intracellular Caâ€carbonates in undersaturated solutions. Geobiology, 2018, 16, 49-61.	2.4	42
34	The enigmatic SAR202 cluster up close: shedding light on a globally distributed dark ocean lineage involved in sulfur cycling. ISME Journal, 2018, 12, 655-668.	9.8	101
35	Global transcriptome analysis of the aphelid Paraphelidium tribonemae supports the phagotrophic origin of fungi. Communications Biology, 2018, 1, 231.	4.4	63
36	New Member of Gromochytriales (Chytridiomycetes)â€"Apiochytrium granulosporumnov. gen. et sp.. Journal of Eukaryotic Microbiology, 2018, 66, 582-591.	1.7	5

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37	Functional shifts in microbial mats recapitulate early Earth metabolic transitions. Nature Ecology and Evolution, 2018, 2, 1700-1708.	7.8	40
38	Evolutionary Genomics of Metchnikovella incurvata (Metchnikovellidae): An Early Branching Microsporidium. Genome Biology and Evolution, 2018, 10, 2736-2748.	2.5	34
39	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
40	Parvularia atlantis gen. et sp. nov., a Nucleariid Filose Amoeba (Holomycota, Opisthokonta). Journal of Eukaryotic Microbiology, 2018, 65, 170-179.	1.7	21
41	New insights into marine group III Euryarchaeota, from dark to light. ISME Journal, 2017, 11, 1102-1117.	9.8	72
42	An Early-Branching Freshwater Cyanobacterium at the Origin of Plastids. Current Biology, 2017, 27, 386-391.	3.9	275
43	Symbiosis in eukaryotic evolution. Journal of Theoretical Biology, 2017, 434, 20-33.	1.7	113
44	Unveiling microbial interactions in stratified mat communities from a warm saline shallow pond. Environmental Microbiology, 2017, 19, 2405-2421.	3.8	35
45	Phylogenetic and ecological diversity of apusomonads, a lineage of deepâ€branching eukaryotes. Environmental Microbiology Reports, 2017, 9, 113-119.	2.4	18
46	Protist Evolution: Stealing Genes to Gut It Out. Current Biology, 2017, 27, R223-R225.	3.9	11
47	Molecular Phylogeny of Paraphelidium letcheri sp. nov. (Aphelida, Opisthosporidia). Journal of Eukaryotic Microbiology, 2017, 64, 573-578.	1.7	21
48	Major role of nitrite-oxidizing bacteria in dark ocean carbon fixation. Science, 2017, 358, 1046-1051.	12.6	229
49	Evolution: King-Size Plastid Genomes in a New Red Algal Clade. Current Biology, 2017, 27, R651-R653.	3.9	6
50	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
51	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
52	Resilience of Freshwater Communities of Small Microbial Eukaryotes Undergoing Severe Drought Events. Frontiers in Microbiology, 2016, 7, 812.	3.5	26
53	Biomineralization Patterns of Intracellular Carbonatogenesis in Cyanobacteria: Molecular Hypotheses. Minerals (Basel, Switzerland), 2016, 6, 10.	2.0	48
54	Meeting Report: Minutes from EMBO: Ten Years of Comparative Genomics of Eukaryotic Microorganisms. Protist, 2016, 167, 217-221.	1.5	0

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55	A Phylogenomic Framework to Study the Diversity and Evolution of Stramenopiles (=Heterokonts). Molecular Biology and Evolution, 2016, 33, 2890-2898.	8.9	125
56	Comparative metagenomics unveils functions and genome features of microbialiteâ€associated communities along a depth gradient. Environmental Microbiology, 2016, 18, 4990-5004.	3.8	30
57	Genomes of Abundant and Widespread Viruses from the Deep Ocean. MBio, 2016, 7, .	4.1	99
58	Ecological and evolutionary significance of novel protist lineages. European Journal of Protistology, 2016, 55, 4-11.	1.5	25
59	Unarmoured dinoflagellates with a small hyposome:TorodiniumandLebouridiniumgen. nov. forKatodinium glaucum(Gymnodiniales, Dinophyceae). European Journal of Phycology, 2016, 51, 226-241.	2.0	3
60	â€œDeciphering Archaeal Communitiesâ€•Omics Tools in the Study of Archaeal Communities. Methods in Molecular Biology, 2016, 1399, 1-28.	0.9	0
61	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
62	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
63	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
64	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
65	Protocols for the Study of Microbeâ€“Mineral Interactions in Modern Microbialites. Springer Protocols, 2015, , 319-341.	0.3	0
66	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
67	Bacterial gene import and mesophilic adaptation in archaea. Nature Reviews Microbiology, 2015, 13, 447-456.	28.6	90
68	Marked seasonality and high spatial variability of protist communities in shallow freshwater systems. ISME Journal, 2015, 9, 1941-1953.	9.8	165
69	Open Questions on the Origin of Eukaryotes. Trends in Ecology and Evolution, 2015, 30, 697-708.	8.7	107
70	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
71	A new class of marine Euryarchaeota group II from the mediterranean deep chlorophyll maximum. ISME Journal, 2015, 9, 1619-1634.	9.8	95
72	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

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73	Prokaryotes, Origin of. , 2015, , 2023-2025.		0
74	Phylum. , 2015, , 1890-1890.		0
75	Lateral Gene Transfer. , 2015, , 1372-1373.		0
76	Phylotype. , 2015, , 1890-1890.		0
77	Domain (Taxonomy). , 2015, , 675-676.		0
78	Monophyletic. , 2015, , 1625-1625.		0
79	Paralogous Gene. , 2015, , 1838-1838.		0
80	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
81	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
82	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
83	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
84	Morphological and phylogenetic diversity of thermophilic cyanobacteria in Algerian hot springs. Extremophiles, 2014, 18, 1035-1047.	2.3	53
85	Silicified Biota in High-Altitude, Geothermally Influenced Ignimbrites at El Tatio Geyser Field, Andean Cordillera (Chile). Geomicrobiology Journal, 2014, 31, 493-508.	2.0	20
86	The rise and fall of Picobiliphytes: How assumed autotrophs turned out to be heterotrophs. BioEssays, 2014, 36, 468-474.	2.5	31
87	Molecular Phylogeny and Ultrastructure of Aphelidium aff. melosirae (Aphelida, Opisthosporidia). Protist, 2014, 165, 512-526.	1.5	43
88	Monophyletic. , 2014, , 1-1.		0
89	Paralogous Gene. , 2014, , 1-1.		0
90	Prokaryotes, Origin of. , 2014, , 1-2.		0

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91	Phylum. , 2014, , 1-1.		0
92	Lateral Gene Transfer. , 2014, , 1-2.		0
93	New haptophyte lineages and multiple independent colonizations of freshwater ecosystems. Environmental Microbiology Reports, 2013, 5, 322-332.	2.4	55
94	Microbial methane turnover at <scp>M</scp>armara <scp>S</scp>ea cold seeps: a combined 16S <scp>rRNA</scp> and lipid biomarker investigation. Geobiology, 2013, 11, 55-71.	2.4	29
95	Intra- and Intergenomic Variation of Ribosomal RNA Operons in Concurrent Alteromonas macleodii Strains. Microbial Ecology, 2013, 65, 720-730.	2.8	5
96	Specific carbonateâ€“microbe interactions in the modern microbialites of Lake Alchichica (Mexico). ISME Journal, 2013, 7, 1997-2009.	9.8	75
97	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
98	Cyanobacterial calcification in modern microbialites at the submicrometer scale. Biogeosciences, 2013, 10, 5255-5266.	3.3	58
99	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
100	Polyclonality of Concurrent Natural Populations of Alteromonas macleodii. Genome Biology and Evolution, 2012, 4, 1360-1374.	2.5	57
101	Molecular Phylogeny of Tintinnid Ciliates (Tintinnida, Ciliophora). Protist, 2012, 163, 873-887.	1.5	55
102	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
103	Viruses in Biology. Evolution: Education and Outreach, 2012, 5, 389-398.	0.8	8
104	Young Sun, Early Earth and the Origins of Life. , 2012, , .		14
105	Molecular phylogeny of the marine dinoflagellate genus Heterodinium (Dinophyceae). European Journal of Phycology, 2012, 47, 95-104.	2.0	5
106	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
107	Phylogenomic Investigation of Phospholipid Synthesis in Archaea. Archaea, 2012, 2012, 1-13.	2.3	44
108	An Early-Branching Microbialite Cyanobacterium Forms Intracellular Carbonates. Science, 2012, 336, 459-462.	12.6	208

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109	The early evolution of lipid membranes and the three domains of life. Nature Reviews Microbiology, 2012, 10, 507-515.	28.6	249
110	Sinophysis and Pseudophalacroma are Distantly Related to Typical Dinophysoid Dinoflagellates (Dinophysales, Dinophyceae). Journal of Eukaryotic Microbiology, 2012, 59, 188-190.	1.7	11
111	Different biogeographic patterns of prokaryotes and microbial eukaryotes in epilithic biofilms. Molecular Ecology, 2012, 21, 3852-3868.	3.9	57
112	The place of viruses in biology in light of the metabolism- versus-replication-first debate. History and Philosophy of the Life Sciences, 2012, 34, 391-406.	1.1	20
113	Origin and evolution of metabolisms. , 2011, , 270-288.		6
114	The role of symbiosis in eukaryotic evolution. , 2011, , 326-344.		3
115	Early eukaryotes in Precambrian oceans. , 2011, , 414-449.		33
116	Physicochemical Conditions and Microbial Diversity Associated with the Evaporite Deposits in the Laguna de la Piedra (Salar de Atacama, Chile). Geomicrobiology Journal, 2011, 28, 83-95.	2.0	28
117	Phylogenomic Analysis of Kinetoplastids Supports That Trypanosomatids Arose from within Bodonids. Molecular Biology and Evolution, 2011, 28, 53-58.	8.9	68
118	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
119	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
120	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
121	Comparative metagenomics of bathypelagic plankton and bottom sediment from the Sea of Marmara. ISME Journal, 2011, 5, 285-304.	9.8	140
122	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
123	Highly Diverse and Seasonally Dynamic Protist Community in a Pristine Peat Bog. Protist, 2011, 162, 14-32.	1.5	74
124	Hydrochemistry and microbialites of the alkaline crater lake Alchichica, Mexico. Facies, 2011, 57, 543-570.	1.4	92
125	Phylotype. , 2011, , 1254-1254.		3
126	Paralogous Gene. , 2011, , 1215-1215.		2

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127	Sunlight-Exposed Biofilm Microbial Communities Are Naturally Resistant to Chernobyl Ionizing-Radiation Levels. PLoS ONE, 2011, 6, e21764.	2.5	63
128	Prokaryotic and Eukaryotic Community Structure in Field and Cultured Microbialites from the Alkaline Lake Alchichica (Mexico). PLoS ONE, 2011, 6, e28767.	2.5	111
129	Phylum. , 2011, , 1254-1254.		0
130	Monophyletic. , 2011, , 1087-1088.		0
131	Lateral Gene Transfer. , 2011, , 914-915.		0
132	Prokaryotes, Origin of. , 2011, , 1343-1344.		0
133	Neoceratium gen. nov., a New Genus for All Marine Species Currently Assigned to Ceratium (Dinophyceae). Protist, 2010, 161, 35-54.	1.5	50
134	The Environmental Clade LKM11 and Rozella Form the Deepest Branching Clade of Fungi. Protist, 2010, 161, 116-121.	1.5	197
135	Molecular Phylogeny of Noctilucoid Dinoflagellates (Noctilucales, Dinophyceae). Protist, 2010, 161, 466-478.	1.5	36
136	Metagenome of the Mediterranean deep chlorophyll maximum studied by direct and fosmid library 454 pyrosequencing. ISME Journal, 2010, 4, 1154-1166.	9.8	109
137	Molecular phylogeny of the dinoflagellates Podolampas and Blepharocysta (Peridiniales,) Tj ETQq1 1 0.784314 rgBT /Ov	1.4	11
138	Biomarkers of Endolithic Communities within Gypsum Crusts (Southern Tunisia). Geomicrobiology Journal, 2010, 27, 101-110.	2.0	40
139	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
140	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
141	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
142	Yet viruses cannot be included in the tree of life. Nature Reviews Microbiology, 2009, 7, 615-617.	28.6	18
143	Ten reasons to exclude viruses from the tree of life. Nature Reviews Microbiology, 2009, 7, 306-311.	28.6	322
144	Molecular Phylogeny of the Ocelloidâ€Bearing Dinoflagellates Erythropsidinium and Warnowia (Warnowiaceae, Dinophyceae). Journal of Eukaryotic Microbiology, 2009, 56, 440-445.	1.7	29

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145	Panâ€oceanic distribution of new highly diverse clades of deepâ€sea diplonemids. Environmental Microbiology, 2009, 11, 47-55.	3.8	82
146	Eukaryotic diversity and phylogeny using smallâ€and largeâ€subunit ribosomal RNA genes from environmental samples. Environmental Microbiology, 2009, 11, 3179-3188.	3.8	64
147	â€œMissingâ€protists: a molecular prospective. Biodiversity and Conservation, 2008, 17, 261-276.	2.6	112
148	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
149	Comparative analysis of genome fragments of Acidobacteria from deep Mediterranean plankton. Environmental Microbiology, 2008, 10, 2704-2717.	3.8	48
150	Tracking microbial biodiversity through molecular and genomic ecology. Research in Microbiology, 2008, 159, 67-73.	2.1	86
151	Archaeal and bacterial community composition of a pristine coastal aquifer in DoÃ±ana National Park, Spain. Aquatic Microbial Ecology, 2007, 47, 123-139.	1.8	25
152	Archaeal and bacterial community composition of sediment and plankton from a suboxic freshwater pond. Research in Microbiology, 2007, 158, 213-227.	2.1	128
153	The Last Common Ancestor of Modern Cells. , 2007, , 305-317.		3
154	Habitability: the Point of View of a Biologist. , 2007, , 221-237.		1
155	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
156	Eukaryotic diversity associated with carbonates and fluid?seawater interface in Lost City hydrothermal field. Environmental Microbiology, 2007, 9, 546-554.	3.8	166
157	â€œMissingâ€protists: a molecular prospective. Topics in Biodiversity and Conservation, 2007, , 27-42.	1.0	1
158	Metagenomics of the Deep Mediterranean, a Warm Bathypelagic Habitat. PLoS ONE, 2007, 2, e914.	2.5	213
159	Metagenomic analysis of mesopelagic Antarctic plankton reveals a novel deltaproteobacterial group. Microbiology (United Kingdom), 2006, 152, 505-517.	1.8	32
160	Microbial diversity on the Tatahouine meteorite. Meteoritics and Planetary Science, 2006, 41, 1249-1265.	1.6	35
161	Prebiotic Chemistry â€” Biochemistry â€” Emergence of Life (4.4-2 Ga). , 2006, , 153-203.		1
162	Ancient Fossil Record and Early Evolution (ca. 3.8 to 0.5 Ga). , 2006, , 247-290.		0

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163	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
164	5. Prebiotic Chemistry â€“ Biochemistry â€“ Emergence of Life (4.4â€“2 Ga). Earth, Moon and Planets, 2006, 98, 153-203.	0.6	14
165	7. Ancient Fossil Record and Early Evolution (ca.Â3.8 to 0.5ÂGa). Earth, Moon and Planets, 2006, 98, 247-290.	0.6	22
166	9. Life On Earth... And Elsewhere?. Earth, Moon and Planets, 2006, 98, 299-312.	0.6	2
167	Present Status of the Molecular Ecology of Kathablepharids. Protist, 2006, 157, 7-11.	1.5	10
168	Selective forces for the origin of the eukaryotic nucleus. BioEssays, 2006, 28, 525-533.	2.5	129
169	Global Dispersal and Ancient Cryptic Species in the Smallest Marine Eukaryotes. Molecular Biology and Evolution, 2006, 23, 23-29.	8.9	210
170	Thermophilic Lifestyle for an Uncultured Archaeon from Hydrothermal Vents: Evidence from Environmental Genomics. Applied and Environmental Microbiology, 2006, 72, 2268-2271.	3.1	10
171	Nanoscale detection of organic signatures in carbonate microbialites. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9440-9445.	7.1	212
172	Polyubiquitin Insertions and the Phylogeny of Cercozoa and Rhizaria. Protist, 2005, 156, 149-161.	1.5	86
173	Phylogenetic Analysis of Eukaryotic Thiolases Suggests Multiple Proteobacterial Origins. Journal of Molecular Evolution, 2005, 61, 65-74.	1.8	48
174	Bacterial diversity and carbonate precipitation in the giant microbialites from the highly alkaline Lake Van, Turkey. Extremophiles, 2005, 9, 263-274.	2.3	137
175	Response to Comment on "The 1.2-Megabase Genome Sequence of Mimivirus". Science, 2005, 308, 1114-1114.	12.6	52
176	Extremophiles. Advances in Astrobiology and Biogeophysics, 2005, , 657-679.	0.6	7
177	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
178	Fluorescence in situ hybridisation coupled to ultra small immunogold detection to identify prokaryotic cells using transmission and scanning electron microscopy. Journal of Microbiological Methods, 2005, 63, 20-28.	1.6	29
179	Biosignatures and Bacterial Diversity in Hydrothermal Deposits of Solfatara Crater, Italy. Geomicrobiology Journal, 2004, 21, 529-541.	2.0	44
180	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

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