

The Revised Classification of Eukaryotes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Protist Ribosomal Reference database (PR2): a catalog of unicellular eukaryote Small Sub-Unit rRNA sequences with curated taxonomy. <i>Nucleic Acids Research</i> , 2012, 41, D597-D604.	6.5	1,463
2	Protein import into the photosynthetic organelles of <i>Paulinella chromatophora</i> and its implications for primary plastid endosymbiosis. <i>Symbiosis</i> , 2012, 58, 99-107.	1.2	15
3	Field et al. Redux.. <i>EvoDevo</i> , 2013, 4, 5.	1.3	6
4	The Microtubular Cytoskeleton of the Apusomonad <i>Thecamonas</i> , a Sister Lineage to the Opisthokonts. <i>Protist</i> , 2013, 164, 598-621.	0.6	24
5	Inorganic phosphate uptake in <i>Trypanosoma cruzi</i> is coupled to K ⁺ cycling and to active Na ⁺ extrusion. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4265-4273.	1.1	19
6	The new micro-kingdoms of eukaryotes. <i>BMC Biology</i> , 2013, 11, 40.	1.7	27
7	Flagellar apparatus structure of choanocyte in <i>Sycon</i> sp. and its significance for phylogeny of Porifera. <i>Zoomorphology</i> , 2013, 132, 351-357.	0.4	11
8	Lateral Gene Transfer and the Evolution of Photosynthesis in Eukaryotes. , 2013, , 15-53.		0
9	The Non-dictyostelid Sorocarpic Amoebae. , 2013, , 219-242.		16
10	The Mystery of Clade X: <i>Orciraptor</i> gen. nov. and <i>Viridiraptor</i> gen. nov. are Highly Specialised, Algivorous Amoeboflagellates (Clissomonadida, Cercozoa). <i>Protist</i> , 2013, 164, 706-747.	0.6	52
11	Cryptic organelle homology in apicomplexan parasites: insights from evolutionary cell biology. <i>Current Opinion in Microbiology</i> , 2013, 16, 424-431.	2.3	20
12	Two New Marine Ciliates, <i>Caryotricha rariveta</i> n. sp. and <i>Discocephalus pararotatorius</i> n. sp. (Ciliophora, Spirotrichea), with Phylogenetic Analyses Inferred from the Small Subunit rRNA Gene Sequences. <i>Journal of Eukaryotic Microbiology</i> , 2013, 60, 388-398.	0.8	13
13	Phagotrophic Protist Diversity in the Groundwater of a Karstified Aquifer – Morphological and Molecular Analysis. <i>Journal of Eukaryotic Microbiology</i> , 2013, 60, 467-479.	0.8	18
14	Targeting apicoplasts in malaria parasites. <i>Expert Opinion on Therapeutic Targets</i> , 2013, 17, 167-177.	1.5	46
15	NIF-type iron-sulfur cluster assembly system is duplicated and distributed in the mitochondria and cytosol of <i>Mastigamoeba balamuthi</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7371-7376.	3.3	60
16	A Short Guide to Common Heterotrophic Flagellates of Freshwater Habitats Based on the Morphology of Living Organisms. <i>Protist</i> , 2013, 164, 842-860.	0.6	40
17	Evolution of Dictyostelid Social Amoebas Inferred from the Use of Molecular Tools. , 2013, , 167-182.		2
18	Phylogenomics demonstrates that breviate flagellates are related to opisthokonts and apusomonads. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131755.	1.2	119

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19	Giant protists (xenophyophores and komokiaceans) from the Clarion-Clipperton ferromanganese nodule field (eastern Pacific). <i>Biology Bulletin Reviews</i> , 2013, 3, 388-398.	0.3	27
20	The amoeboid protists of cryogenic soils in the Kolyma Lowland. <i>Eurasian Soil Science</i> , 2013, 46, 1211-1218.	0.5	3
21	Microbial Eukaryote Globins. <i>Advances in Microbial Physiology</i> , 2013, 63, 391-446.	1.0	36
22	Scaling body size fluctuations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4646-4650.	3.3	77
23	Detection of the kinetoplastid <i>Azumiobodo hoyamushi</i> , the causative agent of soft tunic syndrome, in wild ascidians <i>Halocynthia roretzi</i> . <i>Diseases of Aquatic Organisms</i> , 2013, 106, 267-271.	0.5	12
24	Multicellularity arose several times in the evolution of eukaryotes (Response to DOI) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 54 1.2 57	1.2	57
25	Evolution of Archamoebae: Morphological and Molecular Evidence for Pelobionts Including <i>Rhizomastix</i> , <i>Entamoeba</i> , <i>Iodamoeba</i> , and <i>Endolimax</i> . <i>Protist</i> , 2013, 164, 380-410.	0.6	42
26	The other eukaryotes in light of evolutionary protistology. <i>Biology and Philosophy</i> , 2013, 28, 299-330.	0.7	20
27	A second rhodopsin-like protein in <i>Cyanophora paradoxa</i> : Gene sequence and protein expression in a cell-free system. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 125, 188-193.	1.7	3
28	Culture of the cladoceran <i>Moina macrocopa</i> : Mortality associated with flagellate infection. <i>Aquaculture</i> , 2013, 416-417, 374-379.	1.7	8
29	Euglyphid Testate Amoebae (Rhizaria: Euglyphida) from an Arctic Eocene Waterbody: Evidence of Evolutionary Stasis in Plate Morphology For Over 40 Million Years. <i>Protist</i> , 2013, 164, 541-555.	0.6	16
30	Evolution of microtubule organizing centers across the tree of eukaryotes. <i>Plant Journal</i> , 2013, 75, 230-244.	2.8	98
31	Diversity and phylogeny of insect trypanosomatids: all that is hidden shall be revealed. <i>Trends in Parasitology</i> , 2013, 29, 43-52.	1.5	173
32	A New Freshwater Amoeba: <i>Cochliopodium pentatrifurcatum</i> n. sp. (Amoebozoa, Amorphea). <i>Journal of Eukaryotic Microbiology</i> , 2013, 60, 342-349.	0.8	24
33	Chloroplast genome of one brown seaweed, <i>Saccharina japonica</i> (Laminariales, Phaeophyta): Its structural features and phylogenetic analyses with other photosynthetic plastids. <i>Marine Genomics</i> , 2013, 10, 1-9.	0.4	28
34	Algal taxonomy forum. <i>Journal of Phycology</i> , 2013, 49, 226-228.	1.0	2
35	A Modern Descendant of Early Green Algal Phagotrophs. <i>Current Biology</i> , 2013, 23, 1081-1084.	1.8	77
36	Microsporidia and "The Art of Living Together"™. <i>Advances in Parasitology</i> , 2013, 82, 253-319.	1.4	210

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37	The Importance of the 45 S Ribosomal Small Subunit-related Complex for Mitochondrial Translation in <i>Trypanosoma brucei</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 32963-32978.	1.6	24
38	The Ancient and Widespread Nature of the ER-Mitochondria Encounter Structure. <i>Molecular Biology and Evolution</i> , 2013, 30, 2044-2049.	3.5	90
39	Two new genera and species of the monothalamous foraminifera from coastal waters of the Black Sea. <i>Marine Biodiversity</i> , 2013, 43, 473-479.	0.3	7
40	Cell Biology of Chromerids. <i>International Review of Cell and Molecular Biology</i> , 2013, 306, 333-369.	1.6	26
41	Characterization of <i>Amoebophilum protococcarum</i> , an Algal Parasite New to the Cryptomycota Isolated from an Outdoor Algal Pond Used for the Production of Biofuel. <i>PLoS ONE</i> , 2013, 8, e56232.	1.1	136
42	Upper Arctic Ocean water masses harbor distinct communities of heterotrophic flagellates. <i>Biogeosciences</i> , 2013, 10, 4273-4286.	1.3	33
43	Evolution of Tre-2/Bub2/Cdc16 (TBC) Rab GTPase-activating proteins. <i>Molecular Biology of the Cell</i> , 2013, 24, 1574-1583.	0.9	57
44	A genome-wide analysis of annexins from parasitic organisms and their vectors. <i>Scientific Reports</i> , 2013, 3, 2893.	1.6	31
45	Diversity and Distribution of Marine Microbial Eukaryotes. , 2013, , 1-5.		2
46	The CCAP KnowledgeBase: linking protistan and cyanobacterial biological resources with taxonomic and molecular data. <i>Systematics and Biodiversity</i> , 2013, 11, 407-413.	0.5	20
47	Accommodating the load. <i>Mobile Genetic Elements</i> , 2013, 3, e24775.	1.8	30
48	An Advanced System of the Mitochondrial Processing Peptidase and Core Protein Family in <i>Trypanosoma brucei</i> and Multiple Origins of the Core I Subunit in Eukaryotes. <i>Genome Biology and Evolution</i> , 2013, 5, 860-875.	1.1	16
49	Insights into the Origin of Metazoan Filopodia and Microvilli. <i>Molecular Biology and Evolution</i> , 2013, 30, 2013-2023.	3.5	78
50	Evolutionary cell biology of chromosome segregation: insights from trypanosomes. <i>Open Biology</i> , 2013, 3, 130023.	1.5	70
51	A case of taxonomic inflation in coccoid algae: <i>Ellipsoidium parvum</i> and <i>Neocystis vischeri</i> are conspecific with <i>Neocystis (=Nephrodiella) brevis</i> (Chlorophyta). <i>Trends in Microbiology</i> , 2013, 21, 107-110.	1.0	10
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56	Evolution and Distribution of Saxitoxin Biosynthesis in Dinoflagellates. Marine Drugs, 2013, 11, 2814-2828.	2.2	58
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66	Vaccines against bovine babesiosis: where we are now and possible roads ahead. Parasitology, 2014, 141, 1563-1592.	0.7	70
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71	Widespread occurrence of organelle genome-encoded 5S rRNAs including permuted molecules. Nucleic Acids Research, 2014, 42, 13764-13777.	6.5	129
72	The Genome of Spironucleus salmonicida Highlights a Fish Pathogen Adapted to Fluctuating Environments. PLoS Genetics, 2014, 10, e1004053.	1.5	63
73	Microbiotic signatures of the Anthropocene in marginal marine and freshwater palaeoenvironments. Geological Society Special Publication, 2014, 395, 185-219.	0.8	21

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74	Bayesian modelling of compositional heterogeneity in molecular phylogenetics. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2014, 13, 589-609.	0.2	17
76	The evolution of photosynthesis in chromist algae through serial endosymbioses. <i>Nature Communications</i> , 2014, 5, 5764.	5.8	130
78	Five <i>Cyanophora</i> (<i>Cyanophorales</i> , <i>Glaucophyta</i>) species delineated based on morphological and molecular data. <i>Journal of Phycology</i> , 2014, 50, 1058-1069.	1.0	18
79	Missing Genes, Multiple ORFs, and C-to-U Type RNA Editing in <i>Acrasis kona</i> (Heterolobosea, Excavata) Mitochondrial DNA. <i>Genome Biology and Evolution</i> , 2014, 6, 2240-2257.	1.1	26
80	Distribution of free-living amoebae in a treatment system of textile industrial wastewater. <i>Experimental Parasitology</i> , 2014, 145, S34-S38.	0.5	25
81	Soil water availability strongly alters the community composition of soil protists. <i>Pedobiologia</i> , 2014, 57, 205-213.	0.5	125
82	Global diversity and geography of soil fungi. <i>Science</i> , 2014, 346, 1256688.	6.0	2,513
83	Phylogeny of the Poorly Known Ciliates, Microthoracida, a Systematically Confused Taxon (Ciliophora), with Morphological Reports of Three Species. <i>Journal of Eukaryotic Microbiology</i> , 2014, 61, 227-237.	0.8	10
84	Ribosomal Gene Polymorphism in Small Genomes: Analysis of Different 16S <i>rRNA</i> Sequences Expressed in the Honeybee Parasite <i>Nosema ceranae</i> (Microsporidia). <i>Journal of Eukaryotic Microbiology</i> , 2014, 61, 42-50.	0.8	11
85	Interactions of Foodborne Pathogens with Free-living Protozoa: Potential Consequences for Food Safety. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2014, 13, 924-944.	5.9	34
86	<i>Chromera velia</i> , Endosymbioses and the Rhodoplex Hypothesis—Plastid Evolution in Cryptophytes, Alveolates, Stramenopiles, and Haptophytes (CASH Lineages). <i>Genome Biology and Evolution</i> , 2014, 6, 666-684.	1.1	93
87	Evolution of the Cytosolic Iron-Sulfur Cluster Assembly Machinery in Blastocystis Species and Other Microbial Eukaryotes. <i>Eukaryotic Cell</i> , 2014, 13, 143-153.	3.4	47
89	Distribution of Conventional and Nonconventional Introns in Tubulin (α and β) Genes of Euglenids. <i>Molecular Biology and Evolution</i> , 2014, 31, 584-593.	3.5	20
90	Monophyly of Archaeplastida supergroup and relationships among its lineages in the light of phylogenetic and phylogenomic studies. Are we close to a consensus?. <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 83, 263-280.	0.8	27
91	A contemplation on the secondary origin of green algal and plant plastids. <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 83, 331-336.	0.8	13
92	Primary endosymbiosis: have cyanobacteria and Chlamydiae ever been roommates?. <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 83, 291-302.	0.8	23
93	Contrasting patterns in the evolution of the Rab GTPase family in Archaeplastida. <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 83, 303-315.	0.8	15
94	A phylogenetic reconsideration of suctorian ciliates (<i>Protista</i> , <i>Ciliophora</i>). <i>Tj ETQq1 1 0.784314 rgBT /Overlock Scripta</i> , 2014, 43, 206-216.	0.7	8

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95	Large-scale phylogenomic analysis reveals the phylogenetic position of the problematic taxon <i>Protocruzia</i> and unravels the deep phylogenetic affinities of the ciliate lineages. <i>Molecular Phylogenetics and Evolution</i> , 2014, 78, 36-42.	1.2	71
96	Evolutionary mechanisms for establishing eukaryotic cellular complexity. <i>Trends in Cell Biology</i> , 2014, 24, 435-442.	3.6	26
97	Molecular diversity of endosymbiotic <i>Nephroselmis</i> (Nephroselmidophyceae) in <i>Hatena arenicola</i> (Katablepharidophycota). <i>Journal of Plant Research</i> , 2014, 127, 241-247.	1.2	12
98	Paleobiological Perspectives on Early Eukaryotic Evolution. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016121-a016121.	2.3	298
99	Evolution: Rooting the Eukaryotic Tree of Life. <i>Current Biology</i> , 2014, 24, R151-R152.	1.8	13
100	Nuclear DNA replication initiation in kinetoplastid parasites: new insights into an ancient process. <i>Trends in Parasitology</i> , 2014, 30, 27-36.	1.5	32
101	An Alternative Root for the Eukaryote Tree of Life. <i>Current Biology</i> , 2014, 24, 465-470.	1.8	196
102	Evolution of the nucleus. <i>Current Opinion in Cell Biology</i> , 2014, 28, 8-15.	2.6	49
103	Amplification primers of SSU rDNA for soil protists. <i>Soil Biology and Biochemistry</i> , 2014, 69, 328-342.	4.2	54
104	Pheromone signaling during sexual reproduction in algae. <i>Plant Journal</i> , 2014, 79, 632-644.	2.8	72
105	Kinase signalling in <i>Plasmodium</i> sexual stages and interventions to stop malaria transmission. <i>Molecular and Biochemical Parasitology</i> , 2014, 193, 23-32.	0.5	11
106	The others: our biased perspective of eukaryotic genomes. <i>Trends in Ecology and Evolution</i> , 2014, 29, 252-259.	4.2	167
108	Les amibes libres: un danger mÃ©connu. <i>Revue Francophone Des Laboratoires</i> , 2014, 2014, 41-51.	0.0	3
109	Molecular markers from different genomic compartments reveal cryptic diversity within glaucophyte species. <i>Molecular Phylogenetics and Evolution</i> , 2014, 76, 181-188.	1.2	21
110	A comparative analysis of trypanosomatid SNARE proteins. <i>Parasitology International</i> , 2014, 63, 341-348.	0.6	17
111	The Genome of the Foraminiferan <i>Reticulomyxa filosa</i> . <i>Current Biology</i> , 2014, 24, 11-18.	1.8	73
112	Further insights into the phylogeny of two ciliate classes Nassophorea and Prostomatea (Protista,) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.2	56
113	The diversity and phylogeny of the commercially important algal class Eustigmatophyceae, including the new clade Goniochloridales. <i>Journal of Applied Phycology</i> , 2014, 26, 1773-1782.	1.5	41

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114	Ancient signals: comparative genomics of green plant CDPKs. <i>Trends in Plant Science</i> , 2014, 19, 79-89.	4.3	152
115	<i>Paravannella minima</i> n. g. n. sp. (Discosea, Vannellidae) and distinction of the genera in the vannellid amoebae. <i>European Journal of Protistology</i> , 2014, 50, 258-269.	0.5	16
116	The Weng'an biota and the Ediacaran radiation of multicellular eukaryotes. <i>National Science Review</i> , 2014, 1, 498-520.	4.6	117
117	The SILVA and "All-species Living Tree Project (LTP)" taxonomic frameworks. <i>Nucleic Acids Research</i> , 2014, 42, D643-D648.	6.5	2,667
118	Cryptic Sex in <i>Symbiodinium</i> (Alveolata, Dinoflagellata) is Supported by an Inventory of Meiotic Genes. <i>Journal of Eukaryotic Microbiology</i> , 2014, 61, 322-327.	0.8	72
119	Phylogeny, Ultrastructure, and Flagellar Apparatus of a New Marimonad Flagellate <i>Abollifer globosa</i> sp. nov. (Imbricatea, Cercozoa). <i>Protist</i> , 2014, 165, 808-824.	0.6	9
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122	The Diatom Attachment Scar <i>Ophthalmichnus lyolithon</i> gen. et isp. n.. <i>Ichnos</i> , 2014, 21, 111-118.	0.8	10
123	Placing Environmental Next-Generation Sequencing Amplicons from Microbial Eukaryotes into a Phylogenetic Context. <i>Molecular Biology and Evolution</i> , 2014, 31, 993-1009.	3.5	97
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125	How discordant morphological and molecular evolution among microorganisms can revise our notions of biodiversity on Earth. <i>BioEssays</i> , 2014, 36, 950-959.	1.2	36
126	Green Algae and the Origins of Multicellularity in the Plant Kingdom. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016170-a016170.	2.3	111
127	Response of the protozooplankton assemblage during the European Iron Fertilization Experiment (EIFEX) in the Antarctic circumpolar current. <i>Journal of Plankton Research</i> , 2014, 36, 1175-1189.	0.8	9
128	Missing Pieces of an Ancient Puzzle: Evolution of the Eukaryotic Membrane-Trafficking System. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016048-a016048.	2.3	60
130	Horizontal Gene Transfer in Eukaryotic Plant Pathogens. <i>Annual Review of Phytopathology</i> , 2014, 52, 583-614.	3.5	126
131	What is the importance of zoonotic trichomonads for human health?. <i>Trends in Parasitology</i> , 2014, 30, 333-341.	1.5	92
132	Nucleotide substitution analyses of the glaucophyte <i>Cyanophora</i> suggest an ancestrally lower mutation rate in plastid vs mitochondrial DNA for the Archaeplastida. <i>Molecular Phylogenetics and Evolution</i> , 2014, 79, 380-384.	1.2	14
133	Trends in research of antitypanosomal agents among synthetic heterocycles. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 51-64.	2.6	40

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134	Gregarine site-heterogeneous 18S rDNA trees, revision of gregarine higher classification, and the evolutionary diversification of Sporozoa. <i>European Journal of Protistology</i> , 2014, 50, 472-495.	0.5	103
135	The effect of inter-annual Atlantic water inflow variability on the planktonic protist community structure in the West Spitsbergen waters during the summer. <i>Journal of Plankton Research</i> , 2014, 36, 1190-1203.	0.8	41
136	The reduced kinome of <i>Ostreococcus tauri</i> : core eukaryotic signalling components in a tractable model species. <i>BMC Genomics</i> , 2014, 15, 640.	1.2	18
137	Six Subgroups and Extensive Recent Duplications Characterize the Evolution of the Eukaryotic Tubulin Protein Family. <i>Genome Biology and Evolution</i> , 2014, 6, 2274-2288.	1.1	110
138	Applications of next-generation sequencing to unravelling the evolutionary history of algae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 333-345.	0.8	48
139	Exploring the uncultured microeukaryote majority in the oceans: reevaluation of ribogroups within stramenopiles. <i>ISME Journal</i> , 2014, 8, 854-866.	4.4	157
140	The Cell Biology of the Endocytic System from an Evolutionary Perspective. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016998-a016998.	2.3	34
141	The Eukaryotic Tree of Life from a Global Phylogenomic Perspective. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016147-a016147.	2.3	272
142	Molecular diversity reveals previously undetected air-dispersed protist colonists in a Mediterranean area. <i>Science of the Total Environment</i> , 2014, 478, 70-79.	3.9	21
143	Detailed Process of Shell Construction in the Photosynthetic Testate Amoeba <i>Paulinella chromatophora</i> (Euglyphid, Rhizaria). <i>Journal of Eukaryotic Microbiology</i> , 2014, 61, 317-321.	0.8	16
144	A multilocus timescale for oomycete evolution estimated under three distinct molecular clock models. <i>BMC Evolutionary Biology</i> , 2014, 14, 101.	3.2	53
145	Analysis of EST data of the marine protist <i>Oxyrrhis marina</i> , an emerging model for alveolate biology and evolution. <i>BMC Genomics</i> , 2014, 15, 122.	1.2	26
146	eIF4F-like complexes formed by cap-binding homolog TbEIF4E5 with TbEIF4G1 or TbEIF4G2 are implicated in post-transcriptional regulation in <i>Trypanosoma brucei</i> . <i>Rna</i> , 2014, 20, 1272-1286.	1.6	48
147	Mitochondrial Genome Sequences and Comparative Genomics of <i>Achlya hypogyna</i> and <i>Thraustotheca clavata</i> . <i>Journal of Eukaryotic Microbiology</i> , 2014, 61, 146-154.	0.8	12
148	Co-occurrence of free-living protozoa and foodborne pathogens on dishcloths: Implications for food safety. <i>International Journal of Food Microbiology</i> , 2014, 191, 89-96.	2.1	24
149	Multigene eukaryote phylogeny reveals the likely protozoan ancestors of opisthokonts (animals, Tj ETQq1 1 0.784314 rgBT 1.2 Overlock 97	1.2	97
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