

Feng Gao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The All-Data-Based Evolutionary Hypothesis of Ciliated Protists with a Revised Classification of the Phylum Ciliophora (Eukaryota, Alveolata). <i>Scientific Reports</i> , 2016, 6, 24874.	1.6	271
2	Beyond the "Code": A Guide to the Description and Documentation of Biodiversity in Ciliated Protists (Alveolata, Ciliophora). <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 539-554.	0.8	108
3	Disentangling sources of variation in SSU rDNA sequences from single cell analyses of ciliates: impact of copy number variation and experimental error. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170425.	1.2	75
4	Further analyses of variation of ribosome DNA copy number and polymorphism in ciliates provide insights relevant to studies of both molecular ecology and phylogeny. <i>Science China Life Sciences</i> , 2019, 62, 203-214.	2.3	73
5	Genome analyses of the new model protist <i>Euplotes vannus</i> focusing on genome rearrangement and resistance to environmental stressors. <i>Molecular Ecology Resources</i> , 2019, 19, 1292-1308.	2.2	69
6	Insights into the phylogenetic and taxonomy of philasterid ciliates (Protozoa, Ciliophora). <i>Trends in Ecology and Evolution</i> , 2012, 64, 308-317.	1.2	68
7	Systematic studies on ciliates (Alveolata, Ciliophora) in China: Progress and achievements based on molecular information. <i>European Journal of Protistology</i> , 2017, 61, 409-423.	0.5	64
8	Multigene-based analyses on evolutionary phylogeny of two controversial ciliate orders: Pleuronematida and Loxocephalida (Protista, Ciliophora, Oligohymenophorea). <i>Molecular Phylogenetics and Evolution</i> , 2013, 68, 55-63.	1.2	63
9	Phylogenetic analyses of cyclidiids (Protista, Ciliophora, Scuticociliatia) based on multiple genes suggest their close relationship with thigmotrichids. <i>Molecular Phylogenetics and Evolution</i> , 2014, 75, 219-226.	1.2	60
10	Biodiversity-based development and evolution: the emerging research systems in model and non-model organisms. <i>Science China Life Sciences</i> , 2021, 64, 1236-1280.	2.3	60
11	Multigene-based phylogeny of the ciliate families Amphiseliellidae and Trachelostylidae (Protozoa:). <i>Trends in Ecology and Evolution</i> , 2011, 64, 431-434.	1.2	45
12	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
13	Phylogenomic analyses support the bifurcation of ciliates into two major clades that differ in properties of nuclear division. <i>Molecular Phylogenetics and Evolution</i> , 2014, 70, 240-243.	1.2	33
14	Further analyses on the phylogeny of the subclass Scuticociliatia (Protozoa, Ciliophora) based on both nuclear and mitochondrial data. <i>Molecular Phylogenetics and Evolution</i> , 2019, 139, 106565.	1.2	33
15	Ontogenesis and Molecular Phylogeny of a New Marine Urostyleid Ciliate, <i>Anteholosticha petzi</i> n. sp. (Ciliophora, Urostyleida). <i>Journal of Eukaryotic Microbiology</i> , 2011, 58, 254-265.	0.8	32
16	Time-course analysis of nuclear events during conjugation in the marine ciliate <i>Euplotes vannus</i> and comparison with other ciliates (Protozoa, Ciliophora). <i>Cell Cycle</i> , 2019, 18, 288-298.	1.3	31
17	Further consideration on the phylogeny of the Ciliophora: Analyses using both mitochondrial and nuclear data with focus on the extremely confused class Phyllopharyngea. <i>Molecular Phylogenetics and Evolution</i> , 2017, 112, 96-106.	1.2	28
18	Unusual features of non-dividing somatic macronuclei in the ciliate class Karyorelictea. <i>European Journal of Protistology</i> , 2017, 61, 399-408.	0.5	28

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19	Comparative Studies on the Polymorphism and Copy Number Variation of mtSSU rDNA in Ciliates (Protista, Ciliophora): Implications for Phylogenetic, Environmental, and Ecological Research. <i>Microorganisms</i> , 2020, 8, 316.	1.6	28
20	Phylogenetic analysis and taxonomic distinction of six genera of pathogenic scuticociliates (Protozoa, Ciliophora) inferred from small-subunit rRNA gene sequences. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 246-256.	0.8	27
21	Insights into an Extensively Fragmented Eukaryotic Genome: De Novo Genome Sequencing of the Multinuclear Ciliate <i>Uroleptopsis citrina</i> . <i>Genome Biology and Evolution</i> , 2018, 10, 883-894.	1.1	27
22	Redefinition of the hypotrichous ciliate <i>Uncinata</i> , with descriptions of the morphology and phylogeny of three urostylids (Protista, Ciliophora). <i>Systematics and Biodiversity</i> , 2015, 13, 455-471.	0.5	26
23	Conjugation in <i>Euplotes raikovi</i> (Protista, Ciliophora): New Insights into Nuclear Events and Macronuclear Development from Micronucleate and Amicronucleate Cells. <i>Microorganisms</i> , 2020, 8, 162.	1.6	26
24	Phylogenetic consideration of two scuticociliate genera, <i>Philasterides</i> and <i>Boveria</i> (Protozoa, Ciliophora). <i>Journal of Eukaryotic Microbiology</i> , 2015, 10, 50-54.	0.6	25
25	GENOME STRUCTURE DRIVES PATTERNS OF GENE FAMILY EVOLUTION IN CILIATES, A CASE STUDY USING <i>CHILODONELLA UNCINATA</i> (PROTISTA, CILIOPHORA, PHYLLOPHARYNGEA). <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, n/a-n/a.	1.1	25
26	A paradox: rapid evolution rates of germline-limited sequences are associated with conserved patterns of rearrangements in cryptic species of <i>Chilodonella uncinata</i> (Protista, Ciliophora). <i>Science China Life Sciences</i> , 2018, 61, 1071-1078.	2.3	24
27	Large-scale phylogenomic analysis provides new insights into the phylogeny of the class Oligohymenophorea (Protista, Ciliophora) with establishment of a new subclass <i>Urocentria</i> nov. subcl. <i>Molecular Phylogenetics and Evolution</i> , 2021, 159, 107112.	1.2	23
28	Analyses of Alternatively Processed Genes in Ciliates Provide Insights into the Origins of Scrambled Genomes and May Provide a Mechanism for Speciation. <i>MBio</i> , 2015, 6, .	1.8	22
29	Multi-gene-based phylogenetic analysis of oligotrich ciliates with emphasis on two dominant groups: Cyrtostrombidiids and strombidiids (Protozoa, Ciliophora). <i>Molecular Phylogenetics and Evolution</i> , 2016, 105, 241-250.	1.2	22
30	A case study to estimate the applicability of secondary structures of <i>SSU</i> rRNA gene in taxonomy and phylogenetic analyses of ciliates. <i>Zoologica Scripta</i> , 2015, 44, 574-585.	0.7	21
31	Morphology, morphogenesis and molecular phylogeny of a new marine ciliate, <i>Trichototaxis marina</i> n. sp. (Ciliophora, Urostylida). <i>European Journal of Protistology</i> , 2014, 50, 524-537.	0.5	20
32	Taxonomic studies on seven species of <i>Dysteria</i> (Ciliophora, Cyrtophoria), including a description of <i>Dysteria paraprocera</i> sp. n.. <i>European Journal of Protistology</i> , 2015, 51, 241-258.	0.5	19
33	Integrative studies on the taxonomy and molecular phylogeny of four new <i>Pleuronema</i> species (Protozoa, Ciliophora, Scuticociliatia). <i>Marine Life Science and Technology</i> , 2022, 4, 179-200.	1.8	19
34	<i>Tetrahymena australis</i> (Protozoa, Ciliophora): A Well-known But "Non-existing" Taxon – Consideration of Its Identification, Definition and Systematic Position. <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 760-770.	0.8	17
35	Morphology and systematics of two freshwater urostylid ciliates, with description of a new species (Protista, Ciliophora, Hypotrichia). <i>European Journal of Protistology</i> , 2016, 52, 73-84.	0.5	16
36	Morphogenetic characters of the model ciliate <i>Euplotes vannus</i> (Ciliophora, Spirotrichea): Notes on cortical pattern formation during conjugational and postconjugational reorganization. <i>European Journal of Protistology</i> , 2020, 73, 125675.	0.5	16

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37	Morphology and SSU rRNA gene sequences of three <i>Frontonia</i> species, including a description of <i>F. subtropica</i> spec. nov. (Ciliophora, Peniculida). <i>European Journal of Protistology</i> , 2013, 49, 67-77.	0.5	15
38	Morphology and Phylogeny of Three Trachelocercid Ciliates, with Description of a New Species, <i>Trachelocerca orientalis</i> spec. nov. (Ciliophora, Karyorelictea). <i>Journal of Eukaryotic Microbiology</i> , 2015, 62, 157-166.	0.8	15
39	Reconsideration of the systematics of Peniculida (Protista, Ciliophora) based on SSU rRNA gene sequences and new morphological features of <i>Marituja</i> and <i>Disematostoma</i> . <i>Hydrobiologia</i> , 2018, 806, 313-331.	1.0	15
40	Characterization and Comparative Analyses of Mitochondrial Genomes in Single-Celled Eukaryotes to Shed Light on the Diversity and Evolution of Linear Molecular Architecture. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2546.	1.8	12
41	Morphology and small subunit rRNA gene sequence of <i>Uronemita parabinucleata</i> n. sp. (Ciliophora, Tj ETQq1 1 0.784314 rgBT /Overl	0.5	11
42	Morphogenesis of the Ciliature During Sexual Process of Conjugation in the Ciliated Protist <i>Euplotes raikovi</i> . <i>Frontiers in Marine Science</i> , 2021, 7, .	1.2	10
43	Morphological reports on two species of <i>Dexiotricha</i> (Ciliophora, Scuticociliata), with a note on the phylogenetic position of the genus. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 680-688.	0.8	9
44	Further analyses on the evolutionary key protist <i>Halteria</i> (Protista, Ciliophora) based on transcriptomic data. <i>Zoologica Scripta</i> , 2019, 48, 813-825.	0.7	8
45	Morphology and systematics of two freshwater <i>Frontonia</i> species (Ciliophora, Peniculida) from northeastern China, with comparisons among the freshwater <i>Frontonia</i> spp.. <i>European Journal of Protistology</i> , 2018, 63, 105-116.	0.5	7
46	Morpholino-Mediated Knockdown of Ciliary Genes in <i>Euplotes vannus</i> , a Novel Marine Ciliated Model Organism. <i>Frontiers in Microbiology</i> , 2020, 11, 549781.	1.5	6
47	Morphology and molecular phylogeny of two colepid species from China, <i>Coleps amphacanthus</i> Ehrenberg, 1833 and <i>Levicoleps biwae jejuensis</i> Chen et al., 2016 (Ciliophora, Prostomatida). <i>Zoological Research</i> , 2016, 37, 176-85.	0.6	2