

Feng Gao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

1,214
citations

20
h-index

33
g-index

48
ext. papers

1,493
ext. citations

4.2
avg, IF

4.67
L-index

#	Paper	IF	Citations
48	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,	6.3	1
47	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	8.5	13
46	Large-scale phylogenomic analysis provides new insights into the phylogeny of the class Oligohymenophorea (Protista, Ciliophora) with establishment of a new subclass Urocentria nov. subcl. <i>Molecular Phylogenetics and Evolution</i> , 2021 , 159, 107112	4.1	3
45	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,	4.5	3
44	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,	4.9	20
43	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	3.6	10
42	Conjugation in (Protista, Ciliophora): New Insights into Nuclear Events and Macronuclear Development from Micronucleate and Amicronucleate Cells. <i>Microorganisms</i> , 2020 , 8,	4.9	12
41	Morpholino-Mediated Knockdown of Ciliary Genes in , a Novel Marine Ciliated Model Organism. <i>Frontiers in Microbiology</i> , 2020 , 11, 549781	5.7	1
40	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	8.5	64
39	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	8.4	37
38	Further analyses on the evolutionary key-protist Halteria (Protista, Ciliophora) based on transcriptomic data. <i>Zoologica Scripta</i> , 2019 , 48, 813-825	2.5	7
37	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	4.1	23
36	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	4.7	21
35	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	3.6	3
34	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	3.9	18
33	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	2.4	10
32	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	8.5	19

31	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	3.6	68
30	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	3.6	50
29	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	4.1	20
28	Unusual features of non-dividing somatic macronuclei in the ciliate class Karyorelictea. <i>European Journal of Protistology</i> , 2017 , 61, 399-408	3.6	24
27	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,	4.4	51
26	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	4.1	20
25	Morphology and small subunit rRNA gene sequence of Uronemita parabinucleata n. sp. (Ciliophora, Uronematidae), with an improved generic diagnosis. <i>European Journal of Protistology</i> , 2016 , 54, 1-10	3.6	11
24	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	3.6	13
23	Morphology and molecular phylogeny of two colepid species from China, Coleps amphacanthus Ehrenberg, 1833 and Levicoleps biwae jejuensis Chen et al., 2016 (Ciliophora, Prostomatida). <i>Zoological Research</i> , 2016 , 37, 176-85		2
22	Tetrahymena australis (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	3.6	13
21	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	4.9	199
20	Multigene-based phylogeny of the ciliate families Amphieliidae and Trachelostylidae (Protozoa: Ciliophora: Hypotrichia). <i>Molecular Phylogenetics and Evolution</i> , 2016 , 101, 101-110	4.1	42
19	Taxonomic studies on seven species of Dysteria (Ciliophora, Cyrtophoria), including a description of Dysteria paraprocera sp. n. <i>European Journal of Protistology</i> , 2015 , 51, 241-58	3.6	17
18	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,	7.8	17
17	Morphology and phylogeny of three trachelocercid ciliates, with description of a new species, Trachelocerca orientalis spec. nov. (Ciliophora, Karyorelictea). <i>Journal of Eukaryotic Microbiology</i> , 2015 , 62, 157-66	3.6	13
16	Redefinition of the hypotrichous ciliate Uncinata, with descriptions of the morphology and phylogeny of three urostylids (Protista, Ciliophora). <i>Systematics and Biodiversity</i> , 2015 , 13, 455-471	1.7	21
15	A case study to estimate the applicability of secondary structures of SSU-rRNA gene in taxonomy and phylogenetic analyses of ciliates. <i>Zoologica Scripta</i> , 2015 , 44, 574-585	2.5	17
14	How discordant morphological and molecular evolution among microorganisms can revise our notions of biodiversity on Earth. <i>BioEssays</i> , 2014 , 36, 950-9	4.1	31

13	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, 524-37	3.6	18
12	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, 2287-95	3.8	18
11	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, 219-26	4.1	52
10	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, 240-3	4.1	27
9	Morphological reports on two species of <i>Dexiotricha</i> (Ciliophora, Scuticociliatia), with a note on the phylogenetic position of the genus. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 680-688	2.2	8
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	4.1	56
7	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	3.6	10
6	Insights into the phylogenetic and taxonomy of philasterid ciliates (Protozoa, Ciliophora, Scuticociliatia) based on analyses of multiple molecular markers. <i>Molecular Phylogenetics and Evolution</i> , 2012 , 64, 308-17	4.1	53
5	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	2.2	21
4	Ontogenesis and molecular phylogeny of a new marine urostylid ciliate, <i>Anteholosticha petzi</i> n. sp. (Ciliophora, Urostylida). <i>Journal of Eukaryotic Microbiology</i> , 2011 , 58, 254-65	3.6	31
3	Phylogenetic consideration of two scuticociliate genera, <i>Philasterides</i> and <i>Boveria</i> (Protozoa, Ciliophora) based on 18 S rRNA gene sequences. <i>Parasitology International</i> , 2010 , 59, 549-55	2.1	23
2	Genome analysis of the unicellular eukaryote <i>Euplotes vannus</i> reveals molecular basis for sex determination and tolerance to environmental stresses		2
1	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> , 1	4.5	1