

Jun Gong

List of Publications by Year in descending order

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papers

3,668
citations

159585

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h-index

149698

56
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all docs

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docs citations

99
times ranked

3325
citing authors

#	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.	3.3	271
2	Extremely High Copy Numbers and Polymorphisms of the rDNA Operon Estimated from Single Cell Analysis of Oligotrich and Peritrich Ciliates. <i>Protist</i> , 2013, 164, 369-379.	1.5	259
3	Anaerobic ammonium oxidation (anammox) bacterial diversity, abundance, and activity in marsh sediments of the Yangtze Estuary. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 1237-1246.	3.0	231
4	Biochar addition affected the dynamics of ammonia oxidizers and nitrification in microcosms of a coastal alkaline soil. <i>Biology and Fertility of Soils</i> , 2014, 50, 321-332.	4.3	158
5	Periphytic ciliate colonization: annual cycle and responses to environmental conditions. <i>Aquatic Microbial Ecology</i> , 2005, 39, 159-170.	1.8	119
6	“Candidatus <i>Sonnebornia yantaiensis</i> ”, a member of candidate division OD1, as intracellular bacteria of the ciliated protist <i>Paramecium bursaria</i> (Ciliophora, Oligohymenophorea). <i>Systematic and Applied Microbiology</i> , 2014, 37, 35-41.	2.8	112
7	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.	1.7	108
8	Membrane inlet mass spectrometry method (REOX/MIMS) to measure ¹⁵ N-nitrate in isotope-enrichment experiments. <i>Ecological Indicators</i> , 2021, 126, 107639.	6.3	107
9	Depth shapes α - and β -diversities of microbial eukaryotes in surficial sediments of coastal ecosystems. <i>Environmental Microbiology</i> , 2015, 17, 3722-3737.	3.8	98
10	A meta-analysis of the publicly available bacterial and archaeal sequence diversity in saline soils. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 2325-2334.	3.6	95
11	Effects of temperature on non-specific immune parameters in two scallop species: <i>Argopecten irradians</i> (Lamarck 1819) and <i>Chlamys farreri</i> (Jones & Preston 1904). <i>Aquaculture Research</i> , 2004, 35, 678-682.	1.8	93
12	Protist-Bacteria Associations: Gammaproteobacteria and Alphaproteobacteria Are Prevalent as Digestion-Resistant Bacteria in Ciliated Protozoa. <i>Frontiers in Microbiology</i> , 2016, 7, 498.	3.5	88
13	Seagrass (<i>Zostera marina</i>) Colonization Promotes the Accumulation of Diazotrophic Bacteria and Alters the Relative Abundances of Specific Bacterial Lineages Involved in Benthic Carbon and Sulfur Cycling. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6901-6914.	3.1	87
14	Taxonomic Redescriptions of Two Ciliates, <i>Protogastrostyla pulchra</i> n. g., n. comb. and <i>Hemigastrostyla enigmatica</i> (Ciliophora: Spirotrichea, Stichotrichia), with Phylogenetic Analyses Based on 18S and 28S rRNA Gene Sequences. <i>Journal of Eukaryotic Microbiology</i> , 2007, 54, 468-478.	1.7	78
15	Single Cell Analysis Linking Ribosomal (r)DNA and rRNA Copy Numbers to Cell Size and Growth Rate Provides Insights into Molecular Protistan Ecology. <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 885-896.	1.7	65
16	Potentiometric Aptasensing of <i>Listeria monocytogenes</i> Using Protamine as an Indicator. <i>Analytical Chemistry</i> , 2014, 86, 9412-9416.	6.5	63
17	Photography-based taxonomy is inadequate, unnecessary, and potentially harmful for biological sciences. <i>Zootaxa</i> , 2016, 4196, zootaxa.4196.3.9.	0.5	63
18	Planktonic protist communities in a semi-enclosed mariculture pond: structural variation and correlation with environmental conditions. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2008, 88, 1353-1362.	0.8	62

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19	Small Subunit rRNA Phylogenies Show that the Class Nassophorea is Not Monophyletic (Phylum) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.7	57
20	Further insights into the phylogeny of two ciliate classes Nassophorea and Prostomatea (Protista,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.7	56
21	An updated phylogeny of oligotrich and choreotrich ciliates (Protozoa, Ciliophora, Spirotrichea) with representative taxa collected from Chinese coastal waters. Systematics and Biodiversity, 2009, 7, 235-242.	1.2	55
22	Differential effects of abiotic factors and host plant traits on diversity and community composition of root-colonizing arbuscular mycorrhizal fungi in a salt-stressed ecosystem. Mycorrhiza, 2014, 24, 79-94.	2.8	54
23	Shifts in diversity and community structure of endophytic bacteria and archaea across root, stem and leaf tissues in the common reed, Phragmites australis, along a salinity gradient in a marine tidal wetland of northern China. Antonie Van Leeuwenhoek, 2013, 104, 759-768.	1.7	51
24	Intertidal zonation affects diversity and functional potentials of bacteria in surface sediments: A case study of the Golden Bay mangrove, China. Applied Soil Ecology, 2018, 130, 159-168.	4.3	51
25	Macroalgal blooms favor heterotrophic diazotrophic bacteria in nitrogen-rich and phosphorus-limited coastal surface waters in the Yellow Sea. Estuarine, Coastal and Shelf Science, 2015, 163, 75-81.	2.1	50
26	Updating Biodiversity Studies in Loricata Protists: The Case of the Tintinnids (Alveolata, Ciliophora,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	39
27	Antibacterial activity of lyase-depolymerized products of alginate. Journal of Applied Phycology, 2005, 17, 57-60.	2.8	38
28	Morphology, morphogenesis, and molecular phylogeny of a new marine urostylid ciliate (Ciliophora,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.3	34
29	midventral pattern within the Spirotrichea. Zoological Journal of the Linnean Society, 2010, 158, 697-710.		
29	Phylogeny of six oligohymenophoreans (Protozoa, Ciliophora) inferred from small subunit rRNA gene sequences. Zoologica Scripta, 2009, 38, 323-331.	1.7	32
30	Phylogenetic analyses suggest that Psammomitra (Ciliophora, Urostylida) should represent an urostylid family, based on small subunit rRNA and alpha-tubulin gene sequence information. Zoological Journal of the Linnean Society, 2009, 157, 227-236.	2.3	31
31	Parabirojimia multinucleata spec. nov. and Anteholosticha scutellum (Cohn, 1866) Berger, 2003, marine ciliates (Ciliophora, Hypotrichida) from tropical waters in southern China, with notes on their small-subunit rRNA gene sequences. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 234-243.	1.7	31
32	Incorporation of Microbial Functional Traits in Biogeochemistry Models Provides Better Estimations of Benthic Denitrification and Anammox Rates in Coastal Oceans. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 3331-3352.	3.0	31
33	Redescription of <i>Favella ehrenbergii</i> (Claparède and Lachmann, 1858) Jørgensen, 1924 (Ciliophora: Choreotrichia), with Phylogenetic Analyses Based on Small Subunit rRNA Gene Sequences. Journal of Eukaryotic Microbiology, 2010, 57, 460-467.	1.7	30
34	<i>Novistrombidium sinicum</i> n. sp. and <i>Novistrombidium orientale</i> n. sp. (Protozoa:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	29
34	Eukaryotic Microbiology, 2009, 56, 459-465.		
35	Distinct seasonality of chytrid-dominated benthic fungal communities in the neritic oceans (Bohai Sea) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.6	28
36	Morphology and infraciliature of two new marine ciliates, Paracyrtophoron tropicum nov. gen., nov. spec. and Aegyria rostellum nov. spec. (Ciliophora, Cyrtophorida), isolated from tropical waters in southern China. European Journal of Protistology, 2012, 48, 63-72.	1.5	27

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37	Genetic Diversity of Benthic Microbial Eukaryotes in Response to Spatial Heterogeneity of Sediment Geochemistry in a Mangrove Ecosystem. <i>Estuaries and Coasts</i> , 2018, 41, 751-764.	2.2	27
38	Redescriptions of two marine cyrtophorid ciliates, <i>Dysteria cristata</i> (Gourret and Roeser, 1888) Kahl, 1931 and <i>Dysteria monostyla</i> (Ehrenberg, 1838) Kahl, 1931 (Protozoa, Ciliophora, Cyrtophorida), from China. <i>European Journal of Protistology</i> , 2002, 38, 213-222.	1.5	26
39	Morphology and Phylogeny of the Soil Ciliate <i>Metopus yantaiensis</i> n. sp. (Ciliophora, Metopida), with Identification of the Intracellular Bacteria. <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 792-805.	1.7	25
40	The differentiation of iron-reducing bacterial community and iron-reduction activity between riverine and marine sediments in the Yellow River estuary. <i>Marine Life Science and Technology</i> , 2020, 2, 87-96.	4.6	24
41	Microscopical observations on four marine <i>Dysteria</i> species (Ciliophora, Cyrtophorida). <i>European Journal of Protistology</i> , 2007, 43, 147-161.	1.5	22
42	Morphogenesis of the marine spirotrichous ciliate, <i>Trachelostyla pediculiformis</i> (Cohn, 1866) (Ciliophora, Stichotrichia), with consideration of its phylogenetic position. <i>European Journal of Protistology</i> , 2007, 43, 255-264.	1.5	22
43	Taxonomy of five species of cyrtophorids (Protozoa: Ciliophora) including consideration of the phylogeny of two new genera. <i>Zoological Journal of the Linnean Society</i> , 2012, 164, 1-17.	2.3	22
44	Marine fungal communities in water and surface sediment of a sea cucumber farming system: habitat-differentiated distribution and nutrients driving succession. <i>Fungal Ecology</i> , 2015, 14, 87-98.	1.6	22
45	Reconstructed metagenomes reveal changes of microbial functional profiling during PAHs degradation along a rice (<i>Oryza sativa</i>) rhizosphere gradient. <i>Journal of Applied Microbiology</i> , 2015, 118, 890-900.	3.1	22
46	Description of a new marine cyrtophorid ciliate, <i>Dysteria derouxi</i> nov. spec., with an updated key to 12 well-investigated <i>Dysteria</i> species (Ciliophora, Cyrtophorida). <i>European Journal of Protistology</i> , 2004, 40, 13-19.	1.5	21
47	Morphological Descriptions of New and Little-Known Benthic Ciliates from Ganghwa Tidal Flat, Korea. <i>Journal of Eukaryotic Microbiology</i> , 2007, 54, 306-316.	1.7	21
48	Relative Abundance of Ammonia Oxidizers, Denitrifiers, and Anammox Bacteria in Sediments of Hypernitrified Estuarine Tidal Flats and in Relation to Environmental Conditions. <i>Clean - Soil, Air, Water</i> , 2014, 42, 815-823.	1.1	21
49	Community Structure and Abundance of Archaea in a <i>Zostera marina</i> Meadow: A Comparison between Seagrass-Colonized and Bare Sediment Sites. <i>Archaea</i> , 2019, 2019, 1-11.	2.3	20
50	<i>Trichopodiella faurei</i> n. sp. (Ciliophora, Phyllopharyngea, Cyrtophoria): Morphological Description and Phylogenetic Analyses Based on SSU rRNA and Group I Intron Sequences. <i>Journal of Eukaryotic Microbiology</i> , 2008, 55, 492-500.	1.7	19
51	Three rDNA Loci-Based Phylogenies of Tintinnid Ciliates (Ciliophora, Spirotrichea, Choreotrichida). <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 226-241.	1.7	19
52	New Intranuclear Symbiotic Bacteria from Macronucleus of <i>Paramecium putrinum</i> "Candidatus Gortzia Yakutica" Diversity, 2020, 12, 198.	1.7	19
53	Phylogenetic investigation on five genera of tintinnid ciliates (Ciliophora, Choreotrichia), based on the small subunit ribosomal RNA gene sequences. <i>Progress in Natural Science: Materials International</i> , 2009, 19, 1097-1101.	4.4	18
54	Morphological redescriptions of four marine ciliates (Ciliophora: Cyrtophorida: Dysteriidae) from Qingdao, China. <i>European Journal of Protistology</i> , 2011, 47, 197-207.	1.5	18

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55	Revealing the Diversity and Quantity of Peritrich Ciliates in Environmental Samples Using Specific Primer-based PCR and Quantitative PCR. <i>Microbes and Environments</i> , 2012, 27, 497-503.	1.6	18
56	Acrylate protects a marine bacterium from grazing by a ciliate predator. <i>Nature Microbiology</i> , 2021, 6, 1351-1356.	13.3	18
57	Taxonomic studies on three marine pleurostomatid ciliates, <i>Litonotus bergeri</i> nov. spec., <i>L. blattereri</i> nov. spec. and <i>L. petzi</i> nov. spec. (Ciliophora, Pleurostomatida) from North China Sea. <i>European Journal of Protistology</i> , 2008, 44, 91-102.	1.5	17
58	Ciliates "Protists with complex morphologies and ambiguous early fossil record. <i>Marine Micropaleontology</i> , 2015, 119, 1-6.	1.2	17
59	A new investigation of the marine ciliate, <i>Trachelostyla pediculiformis</i> (Cohn, 1866) Borror, 1972 (Ciliophora, Hypotrichida), with establishment of a new genus, <i>Spirotrachelostyla</i> nov. gen.. <i>European Journal of Protistology</i> , 2006, 42, 63-73.	1.5	16
60	The morphology and morphogenesis of a marine ciliate, <i>Epiclintes auricularis rarisetus</i> nov. sspec. (Ciliophora, Epiclintidae), from the Yellow Sea. <i>European Journal of Protistology</i> , 2009, 45, 281-291.	1.5	16
61	Contrasting spatiotemporal patterns and environmental drivers of diversity and community structure of ammonia oxidizers, denitrifiers, and anammox bacteria in sediments of estuarine tidal flats. <i>Annals of Microbiology</i> , 2015, 65, 879-890.	2.6	16
62	Molecular phylogeny of oligotrich genera <i>Omegastrombidium</i> and <i>Novistrombidium</i> (Protozoa, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46 Oceanology and Limnology, 2010, 28, 769-777.	0.7	15
63	Morphology and infraciliature of two marine benthic ciliates, <i>Dysteria procera</i> Kahl, 1931 and <i>Dysteria magna</i> nov. spec. (Protozoa, Ciliophora, Cyrtophorida), from China. <i>European Journal of Protistology</i> , 2003, 39, 301-309.	1.5	14
64	Description of a new marine cyrtophorid ciliate, <i>Brooklynella sinensis</i> n. sp. from the China Sea with a new definition of the genus <i>Brooklynella</i> (Protozoa, Ciliophora, Cyrtophorida). <i>Zootaxa</i> , 2006, 1113, 41.	0.5	14
65	Taxonomic Diversity of Pico-/Nanoeukaryotes Is Related to Dissolved Oxygen and Productivity, but Functional Composition Is Shaped by Limiting Nutrients in Eutrophic Coastal Oceans. <i>Frontiers in Microbiology</i> , 2020, 11, 601037.	3.5	14
66	<i>Frontonia lynni</i> n. sp., a new marine ciliate (Protozoa, Ciliophora, Hymenostomatida) from Qingdao, China. <i>Zootaxa</i> , 2005, 1003, 57-64.	0.5	13
67	Morphology and morphogenesis of a new marine cyrtophorid ciliate, <i>Hartmannula sinica</i> nov. spec. (Protozoa, Ciliophora, Cyrtophorida) from China. <i>European Journal of Protistology</i> , 2008, 44, 1-12.	1.5	13
68	Development and evaluation of specific PCR primers targeting the ribosomal DNA-internal transcribed spacer (ITS) region of peritrich ciliates in environmental samples. <i>Journal of Oceanology and Limnology</i> , 2018, 36, 818-826.	1.3	13
69	Title is missing!. <i>Hydrobiologia</i> , 2001, 464, 63-69.	2.0	12
70	Comparative Transcriptomics Reveals Distinct Gene Expressions of a Model Ciliated Protozoan Feeding on Bacteria-Free Medium, Digestible, and Digestion-Resistant Bacteria. <i>Microorganisms</i> , 2020, 8, 559.	3.6	12
71	Seagrass (<i>Zostera marina</i>) promotes nitrification potential and selects specific ammonia oxidizers in coastal sediments. <i>Journal of Soils and Sediments</i> , 2021, 21, 3259-3273.	3.0	12
72	Morphogenesis of the Marine Ciliate, <i>Pseudoamphisiella alveolata</i> (Kahl, 1932) (Ciliophora,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td	1.7	11

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73	Coupling between Ribotypic and Phenotypic Traits of Protists across Life Cycle Stages and Temperatures. <i>Microbiology Spectrum</i> , 2021, 9, e0173821.	3.0	11
74	Re-establishment of the cyrtophorid genus <i>Coeloperix</i> Deroux, nov. gen., with a description of <i>Coeloperix sleighi</i> nov. spec. (Protozoa, Ciliophora, Cyrtophorida). <i>European Journal of Protistology</i> , 2004, 40, 175-181.	1.5	10
75	SSU rDNA Sequence Diversity and Seasonally Differentiated Distribution of Nanoplanktonic Ciliates in Neritic Bohai and Yellow Seas as Revealed by T-RFLP. <i>PLoS ONE</i> , 2014, 9, e102640.	2.5	10
76	Spatial shifts in size structure, phylogenetic diversity, community composition and abundance of small eukaryotic plankton in a coastal upwelling area of the northern South China Sea. <i>Journal of Plankton Research</i> , 2020, . .	1.8	10
77	Studies on an endoparasitic ciliate <i>Boveria labialis</i> (Protozoa: Ciliophora) from the sea cucumber, <i>Apostichopus japonicus</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2006, 86, 823-828.	0.8	9
78	Molecular phylogeny and species separation of five morphologically similar <i>Holosticha</i> -complex ciliates (Protozoa, Ciliophora) using ARDRA riboprinting and multigene sequence data. <i>Chinese Journal of Oceanology and Limnology</i> , 2010, 28, 542-548.	0.7	9
79	Dynamics and Distribution of Marine <i>Synechococcus</i> Abundance and Genotypes during Seasonal Hypoxia in a Coastal Marine Ranch. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 549.	2.6	9
80	Redescription of the marine scuticociliate <i>Glaucanema trihymene</i> Thompson, 1966 (Protozoa: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46)	0.5	7
81	Morphological Redescription and Neotypification of the Marine Ciliate, <i>Amphisiella marioni</i> Gouret & Roeser, 1888 (Ciliophora: Hypotrichida), a Poorly Known Form Misidentified for a Long Time. <i>Journal of Eukaryotic Microbiology</i> , 2007, 54, 364-370.	1.7	7
82	Environmental Factors and Pollution Stresses Select Bacterial Populations in Association With Protists. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	7
83	Three marine haptorid ciliates from northern China: <i>Paraspathidium apofuscum</i> n. sp., <i>Trachelotractus entzi</i> (Kahl, 1927) Foissner, 1997 and <i>Apotrachelotractus variabilis</i> Long, Song and Warren, 2009 (Protozoa, Ciliophora). <i>Journal of Natural History</i> , 2009, 43, 1749-1761.	0.5	6
84	Molecular Detection of Eukaryotic Diets and Gut Mycobiomes in Two Marine Sediment-Dwelling Worms, <i>Sipunculus nudus</i> and <i>Urechis unicinctus</i> . <i>Microbes and Environments</i> , 2018, 33, 290-300.	1.6	6
85	Morphology and infraciliature of a new marine ciliate, <i>Cinetochilum ovale</i> n. sp. (Ciliophora: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 46)	0.5	5
86	Morphological studies and molecular data on a new marine ciliate, <i>Apokeronopsis sinica</i> n. sp. (Ciliophora: Urostylida), from the South China Sea. <i>Zootaxa</i> , 2009, 2005, 57-66.	0.5	5
87	Morphology and infraciliature of two marine species of <i>Hartmannula</i> (Protozoa, Ciliophora,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 46	0.5	4
88	Diversity and distribution of bacterioplankton in the coastal upwelling waters off Hainan Island, China. <i>Acta Oceanologica Sinica</i> , 2022, 41, 76-85.	1.0	4
89	Morphological studies on a new species of <i>Orthodonella</i> , with redescription of <i>O. gutta</i> (Cohn, 1866) Kahl, 1931 (Protozoa: Ciliophora: Synhymeniida) from coastal water off Qingdao, China. <i>Journal of Natural History</i> , 2004, 38, 2001-2011.	0.5	3
90	A new marine ciliate, <i>Tachysoma multinucleata</i> sp. nov. (Ciliophora: Oxytrichidae). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 1081-1084.	0.8	3

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91	Resdescription of two synhymeniid ciliates, <i>Chilodontopsis simplex</i> Ozaki & Yagi, 1941 and <i>Zosterodasys transverses</i> (Kahl, 1928) Foissner et al., 1994 (Alveolata, Ciliophora, Phyllopharyngea). <i>Zootaxa</i> , 2012, 3167, 45.	0.5	3
92	Historical Review of Studies on Cyrtophorian Ciliates (Ciliophora, Cyrtophoria) from China. <i>Microorganisms</i> , 2022, 10, 1325.	3.6	3
93	Morphology and infraciliature of two marine species of <i>Hartmannula</i> (Protozoa, Ciliophora,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T History, 2004, 38, 1327-1337.	0.5	2
94	Developmentally Utilizing Molecular Biological Techniques into Aquaculture. <i>Reviews in Fisheries Science</i> , 2009, 18, 125-130.	2.1	2
95	Variations and evolution of polyubiquitin genes from ciliates. <i>European Journal of Protistology</i> , 2013, 49, 40-49.	1.5	1
96	Molecular diversity and biogeography of benthic ciliates in the Bohai Sea and Yellow Sea. <i>Acta Oceanologica Sinica</i> , 2019, 38, 78-86.	1.0	1