# George B Mcmanus

List of Publications by Year
in descending order



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|---|---|---|---|
| 65 papers | 4,025 citations | 136950 32 h-index | 138484 58 g-index |
| 68 all docs | 68 docs citations | 68 times ranked | 4220 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Marine Microbial Eukaryote Transcriptome Sequencing Project (MMETSP): Illuminating the Functional Diversity of Eukaryotic Life in the Oceans through Transcriptome Sequencing. PLoS Biology, 2014, 12, e1001889. | 5.6 | 885 |
| 2 | Defining Planktonic Protist Functional Groups on Mechanisms for Energy and Nutrient Acquisition: Incorporation of Diverse Mixotrophic Strategies. Protist, 2016, 167, 106-120. | 1.5 | 290 |
| 3 | Trophic transfer of fatty acids, sterols, and a triterpenoid alcohol between bacteria, a ciliate, and the copepod Acartia tonsa. Limnology and Oceanography, 1995, 40, 860-867. | 3.1 | 196 |
| 4 | Planktonic community structure determines the fate of bacterial production in a temperate lake. Limnology and Oceanography, 1990, 35, 795-808. | 3.1 | 176 |
| 5 | Marine ciliates as a widespread source of tetrahymanol and hopan-3Î²-ol in sediments. Geochimica Et Cosmochimica Acta, 1991, 55, 3387-3390. | 3.9 | 167 |
| 6 | The nearshore zone during coastal upwelling: Daily variability and coupling between primary and secondary production off central Chile. Progress in Oceanography, 1988, 20, 1-40. | 3.2 | 134 |
| 7 | Molecular and morphological methods for identifying plankton: what makes a successful marriage?. Journal of Plankton Research, 2009, 31, 1119-1129. | 1.8 | 128 |
| 8 | Do Bacteria-Sized Marine Eukaryotes Consume Significant Bacterial Production?. Science, 1984, 224, 1257-1260. | 12.6 | 125 |
| 9 | The diversity and biogeography of abundant and rare intertidal marine microeukaryotes explained by environment and dispersal limitation. Environmental Microbiology, 2018, 20, 462-476. | 3.8 | 112 |
| 10 | Control of marine bacterioplankton populations: Measurement and significance of grazing. Hydrobiologia, 1988, 159, 51-62. | 2.0 | 96 |
| 11 | Bacterivory in seawater studied with the use of inert fluorescent particles1. Limnology and Oceanography, 1986, 31, 420-426. | 3.1 | 92 |
| 12 | Photosynthetic pigments in the ciliate Laboea strobila from Long Island Sound, USA. Journal of Plankton Research, 1986, 8, 317-327. | 1.8 | 83 |
| 13 | Perspectives from Ten Years of Protist Studies by HighâEThroughput Metabarcoding. Journal of Eukaryotic Microbiology, 2020, 67, 612-622. | 1.7 | 72 |
| 14 | Feeding by ciliates on two harmful algal bloom species, Prymnesium parvum and Prorocentrum minimum. Harmful Algae, 2003, 2, 109-126. | 4.8 | 70 |
| 15 | Oceanic protists with different forms of acquired phototrophy display contrasting biogeographies and abundance. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170664. | 2.6 | 63 |
| 16 | Patterns and processes in microbial biogeography: do molecules and morphologies give the same answers?. ISME Journal, 2016, 10, 1779-1790. | 9.8 | 62 |
| 17 | Pyrosequencing for assessing diversity of eukaryotic microbes: analysis of data on marine planktonic ciliates and comparison with traditional methods. Environmental Microbiology, 2014, 16, 2752-2763. | 3.8 | 61 |
| 18 | Utility of Genetic Markers and Morphology for Species Discrimination within the Order Tintinnida (Ciliophora, Spirotrichea). Protist, 2013, 164, 24-36. | 1.5 | 60 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Insights into the diversity of choreotrich and oligotrich ciliates (Class: Spirotrichea) based on genealogical analyses of multiple loci.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 1901-1913. | 1.7 | 59 |
| 20 | Phylogeny, classification and diversity of Choreotrichia and Oligotrichia (Ciliophora, Spirotrichea). Molecular Phylogenetics and Evolution, 2017, 112, 12-22. | 2.7 | 53 |
| 21 | Space station image captures a red tide ciliate bloom at high spectral and spatial resolution. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14783-14787. | 7.1 | 52 |
| 22 | Lipid Composition of the Marine Ciliates Pleuronema sp. and Fabrea salina: Shifts in Response to Changes in Diet. Journal of Eukaryotic Microbiology, 1997, 44, 189-193. | 1.7 | 51 |
| 23 | Genetic Identities of Cryptic Species in the Strombidium stylifer/apolatum/oculatum Cluster, Including a Description of Strombidium rassoulzadegani n. sp.. Journal of Eukaryotic Microbiology, 2010, 57, 369-378. | 1.7 | 51 |
| 24 | Microzooplankton Grazing and Nitrogen Excretion across a Surface Estuarine-Coastal Interface. Estuaries and Coasts, 1999, 22, 113. | 1.7 | 48 |
| 25 | Unexpected biodiversity of ciliates in marine samples from below the photic zone. Molecular Ecology, 2016, 25, 3987-4000. | 3.9 | 48 |
| 26 | On the use of surrogate food particles to measure protistan ingestion. Limnology and Oceanography, 1991, 36, 613-617. | 3.1 | 47 |
| 27 | Factors affecting the elimination of PCBs in the marine copepod Acartia tonsa. Estuarine, Coastal and Shelf Science, 1983, 17, 421-430. | 2.1 | 45 |
| 28 | Ciliate diversity and distribution across an environmental and depth gradient in Long Island Sound, USA. Environmental Microbiology, 2010, 12, 886-898. | 3.8 | 42 |
| 29 | Marine planktonic ciliates that prey on macroalgae and enslave their chloroplasts. Limnology and Oceanography, 2004, 49, 308-313. | 3.1 | 41 |
| 30 | Discrimination of Closely Related Species in Tintinnid Ciliates: New Insights on Crypticity and Polymorphism in the Genus Helicostomella. Protist, 2015, 166, 78-92. | 1.5 | 41 |
| 31 | Microzooplankton grazing of phytoplankton in a tropical upwelling region. Hydrobiologia, 2007, 575, 69-81. | 2.0 | 35 |
| 32 | Chloroplast symbiosis in a marine ciliate: ecophysiology and the risks and rewards of hosting foreign organelles. Frontiers in Microbiology, 2012, 3, 321. | 3.5 | 35 |
| 33 | Diversity of Oligotrichia and Choreotrichia Ciliates in Coastal Marine Sediments and in Overlying Plankton. Applied and Environmental Microbiology, 2010, 76, 3924-3935. | 3.1 | 34 |
| 34 | Diversity of diversity: conceptual and methodological differences in biodiversity estimates of eukaryotic microbes as compared to bacteria. Trends in Microbiology, 2014, 22, 432-437. | 7.7 | 34 |
| 35 | Strombidium rassoulzadegani: A Model Species for Chloroplast Retention in Oligotrich Ciliates. Frontiers in Marine Science, 2018, 5, . | 2.5 | 33 |
| 36 | Food type and concentration affect chlorophyll and carotenoid destruction during copepod feeding. Limnology and Oceanography, 1999, 44, 2005-2011. | 3.1 | 31 |

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|---|---|---|---|
| 37 | Global and local DNA (meta)barcoding reveal new biogeography patterns in tintinnid ciliates. Journal of Plankton Research, 2018, 40, 209-221. | 1.8 | 30 |
| 38 | De Novo Transcriptomes of a Mixotrophic and a Heterotrophic Ciliate from Marine Plankton. PLoS ONE, 2014, 9, e101418. | 2.5 | 29 |
| 39 | Growth, grazing, and inorganic C and N uptake in a mixotrophic and a heterotrophic ciliate. Journal of Plankton Research, 2017, 39, 379-391. | 1.8 | 28 |
| 40 | Insights into protist diversity and biogeography in intertidal sediments sampled across a range of spatial scales. Limnology and Oceanography, 2020, 65, 1103-1115. | 3.1 | 28 |
| 41 | Does adenine incorporation into nucleic acids measure total microbial production?1. Limnology and Oceanography, 1986, 31, 627-636. | 3.1 | 27 |
| 42 | Phytoplankton abundance and pigment changes during simulated in situ dilution experiments in estuarine waters: possible artifacts caused by algal light adaptation. Journal of Plankton Research, 1995, 17, 1705-1716. | 1.8 | 26 |
| 43 | Trophic Links in the Plankton in the Low Salinity Zone of a Large Temperate Estuary: Top-down Effects of Introduced Copepods. Estuaries and Coasts, 2014, 37, 576-588. | 2.2 | 24 |
| 44 | Microzooplankton Grazing in Green Waterâ€"Results from Two Contrasting Estuaries. Estuaries and Coasts, 2011, 34, 373-385. | 2.2 | 20 |
| 45 | Use of species-specific primers and PCR to measure the distributions of planktonic ciliates in coastal waters. Limnology and Oceanography: Methods, 2007, 5, 163-173. | 2.0 | 18 |
| 46 | Biology and Ecology of Long Island Sound. Springer Series on Environmental Management, 2014, , 285-479. | 0.3 | 17 |
| 47 | Patchiness of Ciliate Communities Sampled at Varying Spatial Scales along the New England Shelf. PLoS ONE, 2016, 11, e0167659. | 2.5 | 17 |
| 48 | Integrating dimensions of biodiversity in choreotrichs and oligotrichs of marine plankton. European Journal of Protistology, 2017, 61, 323-330. | 1.5 | 17 |
| 49 | Dartintinnus alderae n. g., n. sp., a Brackish Water Tintinnid (Ciliophora, Spirotrichea) with Dualâ€ended Lorica Collapsibility. Journal of Eukaryotic Microbiology, 2018, 65, 400-411. | 1.7 | 15 |
| 50 | Distribution of Abundant and Active Planktonic Ciliates in Coastal and Slope Waters Off New England. Frontiers in Microbiology, 2017, 8, 2178. | 3.5 | 14 |
| 51 | Phylogeny of the Order Tintinnida (Ciliophora, Spirotrichea) Inferred from Smallâ€and Largeâ€subunit <scp>rRNA</scp> Genes. Journal of Eukaryotic Microbiology, 2012, 59, 423-426. | 1.7 | 13 |
| 52 | Incubation and grazing effects on spirotrich ciliate diversity inferred from molecular analyses of microcosm experiments. PLoS ONE, 2019, 14, e0215872. | 2.5 | 9 |
| 53 | Adenine and total microbial production: A reply. Limnology and Oceanography, 1986, 31, 1395-1400. | 3.1 | 8 |
| 54 | Combined Genome and Transcriptome Analyses of the Ciliate Schmidingerella arcuata (Spirotrichea) Reveal Patterns of DNA Elimination, Scrambling, and Inversion. Genome Biology and Evolution, 2020, 12, 1616-1622. | 2.5 | 7 |

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|---|---|---|---|
| 55 | Distribution Patterns of Ciliate Diversity in the South China Sea. Frontiers in Microbiology, 2021, 12, 689688. | 3.5 | 5 |
| 56 | Microfluidic passive samplers for in situ collection of live aquatic protists. Analytical Methods, 2014, 6, 8350-8357. | 2.7 | 4 |
| 57 | Genome architecture used to supplement species delineation in two cryptic marine ciliates. Molecular Ecology Resources, 2022, 22, 2880-2896. | 4.8 | 3 |
| 58 | Advances in Microbial Ecology. K. C. Marshall. Quarterly Review of Biology, 1983, 58, 565-565. | 0.1 | 0 |
| 59 | Nature Through Tropical Windows.Alexander F. Skutch. Quarterly Review of Biology, 1984, 59, 306-307. | 0.1 | 0 |
| 60 | Spiders of the World. Rod Preston-Mafham , Ken Preston-Mafham. Quarterly Review of Biology, 1985, 60, 227-228. | 0.1 | 0 |
| 61 | Toxicology of Aquatic Pollution: Physiological, Cellular and Molecular Approaches.E. W. Taylor. Quarterly Review of Biology, 1997, 72, 484-485. | 0.1 | 0 |
| 62 | Changes in the Land: Indians, Colonists, and the Ecology of New England. William Cronon. Quarterly Review of Biology, 1985, 60, 245-246. | 0.1 | 0 |
| 63 | Coastal Waders and Wildfowl in Winter.P. R. Evans , J. D. Goss-Custard , W. G. Hale. Quarterly Review of Biology, 1985, 60, 366-366. | 0.1 | 0 |
| 64 | Mountain Time.Paul Schullery. Quarterly Review of Biology, 1985, 60, 379-380. | 0.1 | 0 |
| 65 | A Guided Tour of the Living Cell.Christian de Duve. Quarterly Review of Biology, 1986, 61, 165-166. | 0.1 | 0 |