

# Thierry J Heger

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

1,468  
citations

279487

23  
h-index

433756

31  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1497  
citing authors

#	ARTICLE	IF	CITATIONS
1	Living specimen tomography by digital holographic microscopy: morphometry of testate amoeba. <i>Optics Express</i> , 2006, 14, 7005.	1.7	255
2	Soil protistology rebooted: 30 fundamental questions to start with. <i>Soil Biology and Biochemistry</i> , 2017, 111, 94-103.	4.2	130
3	COI Barcoding of Nebelid Testate Amoebae (Amoebozoa: Arcellinida): Extensive Cryptic Diversity and Redefinition of the Hyalospheniidae Schultze. <i>Protist</i> , 2012, 163, 415-434.	0.6	93
4	Ribosomal RNA Genes Challenge the Monophyly of the Hyalospheniidae (Amoebozoa: Arcellinida). <i>Protist</i> , 2008, 159, 165-176.	0.6	75
5	Holarctic phylogeography of the testate amoeba <i>Hyalosphenia papilio</i> (Amoebozoa: Tj ETQq1 1 0.784314 rgBT /Ov limitation. <i>Molecular Ecology</i> , 2013, 22, 5172-5184.	2.0	67
6	Molecular phylogeny of euglyphid testate amoebae (Cercozoa: Euglyphida) suggests transitions between marine supralittoral and freshwater/terrestrial environments are infrequent. <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 113-122.	1.2	54
7	Using DNA-barcoding for sorting out protist species complexes: A case study of the <i>Nebela tinctoris</i> "collaris" "bohemia" group (Amoebozoa; Arcellinida, Hyalospheniidae). <i>European Journal of Protistology</i> , 2013, 49, 222-237.	0.5	51
8	Identifying protist consumers of photosynthetic picoeukaryotes in the surface ocean using stable isotope probing. <i>Environmental Microbiology</i> , 2018, 20, 815-827.	1.8	51
9	SSU rRNA Phylogeny of Arcellinida (Amoebozoa) Reveals that the Largest Arcellinid Genus, <i>Diffugia Leclerc</i> 1815, is not Monophyletic. <i>Protist</i> , 2012, 163, 389-399.	0.6	48
10	Impact of a synthetic fungicide (fosetyl-Al and propamocarb-hydrochloride) and a biopesticide ( <i>Clonostachys rosea</i> ) on soil bacterial, fungal, and protist communities. <i>Science of the Total Environment</i> , 2020, 738, 139635.	3.9	47
11	High-throughput environmental sequencing reveals high diversity of litter and moss associated protist communities along a gradient of drainage and tree productivity. <i>Environmental Microbiology</i> , 2018, 20, 1185-1203.	1.8	45
12	SSU rRNA Reveals a Sequential Increase in Shell Complexity Among the Euglyphid Testate Amoebae (Rhizaria: Euglyphida). <i>Protist</i> , 2007, 158, 229-237.	0.6	43
13	The curse of taxonomic uncertainty in biogeographical studies of free-living terrestrial protists: a case study of testate amoebae from Amsterdam Island. <i>Journal of Biogeography</i> , 2009, 36, 1551-1560.	1.4	42
14	Comparing Potential COI and SSU rDNA Barcodes for Assessing the Diversity and Phylogenetic Relationships of Cyphoderiid Testate Amoebae (Rhizaria: Euglyphida). <i>Protist</i> , 2011, 162, 131-141.	0.6	39
15	Contribution of soil algae to the global carbon cycle. <i>New Phytologist</i> , 2022, 234, 64-76.	3.5	39
16	One Alga to Rule them All: Unrelated Mixotrophic Testate Amoebae (Amoebozoa, Rhizaria and) Tj ETQq0 0 0 rgBT /Ov lock 10 Tf 50 14	0.6	38
17	Seasonal and ecohydrological regulation of active microbial populations involved in DOC, CO <sub>2</sub> , and CH <sub>4</sub> fluxes in temperate rainforest soil. <i>ISME Journal</i> , 2019, 13, 950-963.	4.4	37
18	Impact of farming practices on soil diatoms and testate amoebae: A pilot study in the DOK-trial at Therwil, Switzerland. <i>European Journal of Soil Biology</i> , 2012, 49, 31-36.	1.4	34

#	ARTICLE	IF	CITATIONS
19	Assessing the Diversity and Distribution of Apicomplexans in Host and Free-Living Environments Using High-Throughput Amplicon Data and a Phylogenetically Informed Reference Framework. <i>Frontiers in Microbiology</i> , 2019, 10, 2373.	1.5	33
20	COI gene and ecological data suggest size-dependent high dispersal and low intra-specific diversity in free-living terrestrial protists (Euglyphida: Assulina). <i>Journal of Biogeography</i> , 2011, 38, 640-650.	1.4	29
21	Higher spatial than seasonal variation in floodplain soil eukaryotic microbial communities. <i>Soil Biology and Biochemistry</i> , 2020, 147, 107842.	4.2	28
22	A Resurgence in Field Research is Essential to Better Understand the Diversity, Ecology, and Evolution of Microbial Eukaryotes. <i>Journal of Eukaryotic Microbiology</i> , 2014, 61, 214-223.	0.8	26
23	Arcellinida testate amoebae (Amoebozoa: Arcellinida): model of organisms for assessing microbial biogeography. , 2011, , 111-129.		25
24	Morphology, Biometry, and Taxonomy of Freshwater and Marine Interstitial Cyphoderia (Cercozoa: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	0.8	25
25	Microclimatic factors influencing refugium suitability for <i>Rhodnius prolixus</i> . <i>Physiological Entomology</i> , 2006, 31, 248-256.	0.6	23
26	What Drives the Diversity of the Most Abundant Terrestrial Cercozoan Family (Rhogostomidae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	1.6	22
27	Rediscovery of <i>Nebela ansata</i> (Amoebozoa: Arcellinida) in eastern North America: biogeographical implications. <i>Journal of Biogeography</i> , 2011, 38, 1897-1906.	1.4	17
28	Old Lineages in a New Ecosystem: Diversification of Arcellinid Amoebae (Amoebozoa) and Peatland Mosses. <i>PLoS ONE</i> , 2014, 9, e95238.	1.1	15
29	Testate Amoebae Like It Hot: Species Richness Decreases Along a Subalpine-Alpine Altitudinal Gradient in Both Natural <i>Calluna vulgaris</i> Litter and Transplanted <i>Minuartia sedoides</i> Cushions. <i>Microbial Ecology</i> , 2016, 71, 725-734.	1.4	14
30	Special issue on "Bioindication in soil ecosystems" Editorial note. <i>European Journal of Soil Biology</i> , 2012, 49, 1-4.	1.4	10
31	<i>Cyphoderia ampulla</i> (Cyphoderiidae: Rhizaria), a tale of freshwater sailors: The causes and consequences of ecological transitions through the salinity barrier in a family of benthic protists. <i>Molecular Ecology</i> , 2022, 31, 2644-2663.	2.0	7
32	Toward the use of protists as bioindicators of multiple stresses in agricultural soils: A case study in vineyard ecosystems. <i>Ecological Indicators</i> , 2022, 139, 108955.	2.6	6
33	A letter to Denis Lynn. <i>Aquatic Ecosystem Health and Management</i> , 2020, 23, 17-18.	0.3	0