

Kenneth Dumack

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,246
citations

471509

17
h-index

414414

32
g-index

55
all docs

55
docs citations

55
times ranked

1195
citing authors

#	ARTICLE	IF	CITATIONS
1	The soil food web revisited: Diverse and widespread mycophagous soil protists. <i>Soil Biology and Biochemistry</i> , 2016, 94, 10-18.	8.8	175
2	Distribution patterns of soil microbial eukaryotes suggests widespread algivory by phagotrophic protists as an alternative pathway for nutrient cycling. <i>Soil Biology and Biochemistry</i> , 2017, 112, 68-76.	8.8	104
3	Cascading effects from plants to soil microorganisms explain how plant species richness and simulated climate change affect soil multifunctionality. <i>Global Change Biology</i> , 2018, 24, 5642-5654.	9.5	100
4	Functional Traits and Spatio-Temporal Structure of a Major Group of Soil Protists (Rhizaria): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	3.5	82
5	Multitrophic interactions in the rhizosphere microbiome of wheat: from bacteria and fungi to protists. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	77
6	Making sense of environmental sequencing data: Ecologically important functional traits of the protistan groups Cercozoa and Endomyxa (Rhizaria). <i>Molecular Ecology Resources</i> , 2020, 20, 398-403.	4.8	66
7	Expansion of the molecular and morphological diversity of Acanthamoebidae (Centramoebida,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 622 T	4.6	58
8	Assembly Patterns of the Rhizosphere Microbiome Along the Longitudinal Root Axis of Maize (<i>Zea mays</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	3.5	57
9	Rhogostomidae (Cercozoa) from soils, roots and plant leaves (<i>Arabidopsis thaliana</i>): Description of <i>Rhogostoma epiphylla</i> sp. nov. and <i>R. cylindrica</i> sp. nov.. <i>European Journal of Protistology</i> , 2017, 60, 76-86.	1.5	38
10	Protists modulate fungal community assembly in paddy soils across climatic zones at the continental scale. <i>Soil Biology and Biochemistry</i> , 2021, 160, 108358.	8.8	36
11	Organic matter composition and the protist and nematode communities around anecic earthworm burrows. <i>Biology and Fertility of Soils</i> , 2016, 52, 91-100.	4.3	35
12	Description of <i>Lecythium terrestris</i> sp. nov. (Chlamydrophyidae, Cercozoa), a Soil Dwelling Protist Feeding on Fungi and Algae. <i>Protist</i> , 2016, 167, 93-105.	1.5	31
13	A Bowl with Marbles: Revision of the Thecate Amoeba Genus <i>Lecythium</i> (Chlamydrophyidae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 622 T	1.5	22
14	Diversity of Cercomonad Species in the Phyllosphere and Rhizosphere of Different Plant Species with a Description of <i>Neocercomonas epiphylla</i> (Cercozoa, Rhizaria) a Leaf-Associated Protist. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 587-599.	1.7	22
15	What Drives the Diversity of the Most Abundant Terrestrial Cercozoan Family (Rhogostomidae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 622 T	3.6	22
16	Distinct communities of Cercozoa at different soil depths in a temperate agricultural field. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	21
17	A Novel Lineage of "Naked Filose Amoebae"; <i>Kraken carinae</i> gen. nov. sp. nov. (Cercozoa) with a Remarkable Locomotion by Disassembly of its Cell Body. <i>Protist</i> , 2016, 167, 268-278.	1.5	19
18	Shedding Light on the Polyphyletic Thecate Amoeba Genus <i>Plagiophrys</i> : Transition of Some of its Species to Rhizaspis (Tectofilosida, Thecofilosea, Cercozoa) and the Establishment of <i>Sacciforma</i> gen. nov. and <i>Rhogostomidae</i> fam. nov. (Cryomonadida, Thecofilosea, Cercozoa). <i>Protist</i> , 2017, 168, 92-108.	1.5	18

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19	Food Choice Experiments Indicate Selective Fungivorous Predation in <i>Fisculla terrestris</i> (Thecofilosea, Cercozoa). <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 525-527.	1.7	17
20	Taxonomic and Functional Diversity of Heterotrophic Protists (Cercozoa and Endomyxa) from Biological Soil Crusts. <i>Microorganisms</i> , 2021, 9, 205.	3.6	17
21	Phylogeny and Redescription of the Testate Amoeba <i>Diaphoropodon archeri</i> (Chlamydrophyidae, Tj ETQq1 1 0.784314 rgBT / O Agglutinated Tests in the Cercozoa. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 308-314.	1.7	15
22	The Protists in Soil – A Token of Untold Eukaryotic Diversity. , 2019, , 125-140.		15
23	Microeukaryotic gut parasites in wastewater treatment plants: diversity, activity, and removal. <i>Microbiome</i> , 2022, 10, 27.	11.1	15
24	Polyphyly in the Thecate Amoeba Genus <i>Lecythium</i> (Chlamydrophyidae, Tectofilosida, Cercozoa), Redescription of its Type Species <i>L. hyalinum</i> , Description of <i>L. jennyae</i> sp. nov. and the Establishment of <i>Fisculla</i> gen. nov. and <i>Fiscullidae</i> fam. nov.. <i>Protist</i> , 2017, 168, 294-310.	1.5	13
25	Rediscovery of the Testate Amoeba Genus <i>Penardeugenia</i> (Thaumatomonadida, Imbricatea). <i>Protist</i> , 2018, 169, 29-42.	1.5	12
26	Reinvestigation of <i>Phryganella paradoxa</i> (Arcellinida, Amoebozoa) Penard 1902. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 232-243.	1.7	12
27	The wastewater protist <i>Rhogostoma minus</i> (Thecofilosea, Rhizaria) is abundant, widespread, and hosts Legionellales. <i>Water Research</i> , 2021, 203, 117566.	11.3	11
28	Broad sampling of monothalamids (Rhizaria, Foraminifera) gives further insight into diversity of non-marine Foraminifera. <i>European Journal of Protistology</i> , 2021, 77, 125744.	1.5	10
29	Novel Endosymbionts in Rhizarian Amoebae Imply Universal Infection of Unrelated Free-Living Amoebae by Legionellales. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 642216.	3.9	9
30	On the phenology of protists: recurrent patterns reveal seasonal variation of protistan (Rhizaria:) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 3	2.7	9
31	Molecular investigation of <i>Phryganella acropodia</i> Hertwig et Lesser, 1874 (Arcellinida, Amoebozoa). <i>European Journal of Protistology</i> , 2020, 75, 125707.	1.5	9
32	Evolutionary Relationship of the Scale-Bearing Kraken (incertae sedis, Monadofilosa, Cercozoa,) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 22	1.3	8
33	Eukaryotic rather than prokaryotic microbiomes change over seasons in rewetted fen peatlands. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	2.7	8
34	From Forest Soil to the Canopy: Increased Habitat Diversity Does Not Increase Species Richness of Cercozoa and Oomycota in Tree Canopies. <i>Frontiers in Microbiology</i> , 2020, 11, 592189.	3.5	7
35	A Call for Research: A Resource of Core Microbial Symbionts of the <i>Arabidopsis thaliana</i> Microbiome Ready and Awaiting Experimental Exploration. <i>Phytobiomes Journal</i> , 2021, 5, 362-366.	2.7	7
36	Shell Colour in Cercozoa; a Simple Trait to Distinguish Thecofilosea from Imbricatea?. <i>Protist</i> , 2020, 171, 125718.	1.5	6

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37	Two new species and one new record for the genus <i>Copris</i> (Coleoptera: Scarabaeidae: Scarabaeinae) from Vietnam with a key to Vietnamese species. <i>European Journal of Entomology</i> , 0, 115, 167-191.	1.2	6
38	Estimated abundance and diversity of heterotrophic protists in South African biocrusts. <i>South African Journal of Science</i> , 2016, 112, 5.	0.7	5
39	Two known species of <i>Aporcelinus</i> Andr�ssy, 2009 (Dorylaimida: Aporcelaimidae) from Vietnam, with the first molecular study of the genus. <i>Nematology</i> , 2017, 19, 853-868.	0.6	5
40	Combined selective gamma irradiation and pulverized soil inoculation for ecologically relevant soil microfauna studies. <i>Applied Soil Ecology</i> , 2022, 169, 104223.	4.3	5
41	The Dancing Star: Reinvestigation of <i>Artodiscus saltans</i> (Variosea, Amoebozoa) Penard 1890. <i>Protist</i> , 2019, 170, 349-357.	1.5	4
42	SSU rDNA Phylogeny Indicates the Scale-lacking Trivalvulariida ord. nov. as a Sister Group to the Euglyphida (Cercozoa, Rhizaria). <i>Protist</i> , 2020, 171, 125701.	1.5	4
43	Stramenopiles and Cercozoa dominate the heterotrophic protist community of biological soil crusts irrespective of edaphic factors. <i>Pedobiologia</i> , 2020, 83, 150673.	1.2	4
44	Protists in the Plant Microbiome: An Untapped Field of Research. <i>Methods in Molecular Biology</i> , 2021, 2232, 77-84.	0.9	3
45	Description of <i>Phaeobola aeris</i> gen. nov., sp. nov (Rhizaria, Cercozoa, Euglyphida) Sheds Light on Euglyphida's Dark Matter. <i>Journal of Eukaryotic Microbiology</i> , 2021, 68, e12835.	1.7	2
46	Contrasting protist communities (Cercozoa: Rhizaria) in pristine and earthworm-invaded North American deciduous forests. <i>Biological Invasions</i> , 2022, 24, 1345-1357.	2.4	2
47	Transfer of the Thecate Amoeba <i>Lecythium mutabilis</i> to a Novel Genus <i>Omnivora</i> (Fiscullidae.) <i>Tj ETQq1 1 0.784314</i> <i>ggBT /Overlock 10 T</i>	1.7	1
48	Transfer of the thecate amoebae <i>Lecythium spinosum</i> and <i>Pamphagus armatus</i> to <i>Rhizaspis</i> (Thecofilosea, Cercozoa, Rhizaria). <i>European Journal of Protistology</i> , 2021, , 125843.	1.5	0
49	Phylogenetic analysis confirms the taxonomic placement of the marine flagellate <i>Hermesinum adriaticum</i> (Thecofilosea, Cercozoa, Rhizaria). <i>Journal of Eukaryotic Microbiology</i> , 2022, , e12905.	1.7	0