Anna Maria Fiore-Donno

List of Publications by Year
in descending order

44 papers	2,677 citations	236833 25 h-index	254106 43 g-index
50 all docs	50 docs citations	50 times ranked	2848 citing authors

#	Article	IF	Citations
1	CBOL Protist Working Group: Barcoding Eukaryotic Richness beyond the Animal, Plant, and Fungal Kingdoms. PLoS Biology, 2012, 10, e1001419.	2.6	488
2	Land-use intensity alters networks between biodiversity, ecosystem functions, and services. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28140-28149.	3.3	164
3	Soil protistology rebooted: 30 fundamental questions to start with. Soil Biology and Biochemistry, 2017, 111, 94-103.	4.2	130
4	Deep Phylogeny and Evolution of Slime Moulds (Mycetozoa). Protist, 2010, 161, 55-70.	0.6	122
5	Multigene eukaryote phylogeny reveals the likely protozoan ancestors of opisthokonts (animals,) Tj ETQq1 1 0.784314 rgBT /Overloc	1.2	97
6	Evolution of dark-spored Myxomycetes (slime-molds): Molecules versus morphology. Molecular Phylogenetics and Evolution, 2008, 46, 878-889.	1.2	96
7	Populations of ectomycorrhizal Laccaria amethystina and Xerocomus spp. show contrasting colonization patterns in a mixed forest. New Phytologist, 2001, 152, 533-542.	3.5	85
8	Protists are an integral part of the Arabidopsis thaliana microbiome. Environmental Microbiology, 2018, 20, 30-43.	1.8	85
9	Higherâ€Order Phylogeny of Plasmodial Slime Molds (Myxogastria) Based on Elongation Factor 1â€A and Small Subunit rRNA Gene Sequences. Journal of Eukaryotic Microbiology, 2005, 52, 201-210.	0.8	84
10	Multigene phylogeny resolves deep branching of Amoebozoa. Molecular Phylogenetics and Evolution, 2015, 83, 293-304.	1.2	84
11	Metacommunity analysis of amoeboid protists in grassland soils. Scientific Reports, 2016, 6, 19068.	1.6	82
12	Functional Traits and Spatio-Temporal Structure of a Major Group of Soil Protists (Rhizaria:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	1.5	82
13	Contrasting responses of above- and belowground diversity to multiple components of land-use intensity. Nature Communications, 2021, 12, 3918.	5.8	81
14	Multitrophic interactions in the rhizosphere microbiome of wheat: from bacteria and fungi to protists. FEMS Microbiology Ecology, 2020, 96, .	1.3	77
15	18S rDNA Phylogeny of Lamproderma and Allied Genera (Stemonitales, Myxomycetes, Amoebozoa). PLoS ONE, 2012, 7, e35359.	1.1	75
16	Acanthamoeba everywhere: high diversity of Acanthamoeba in soils. Parasitology Research, 2014, 113, 3151-3158.	0.6	75
17	New barcoded primers for efficient retrieval of cercozoan sequences in highâ€throughput environmental diversity surveys, with emphasis on worldwide biological soil crusts. Molecular Ecology Resources, 2018, 18, 229-239.	2.2	71
18	Making sense of environmental sequencing data: Ecologically important functional traits of the protistan groups Cercozoa and Endomyxa (Rhizaria). Molecular Ecology Resources, 2020, 20, 398-403.	2.2	66

#	Article	IF	Citations
19	Two-Gene Phylogeny of Bright-Spored Myxomycetes (Slime Moulds, Superorder Lucisporidia). PLoS ONE, 2013, 8, e62586.	1.1	58
20	Expansion of the molecular and morphological diversity of Acanthamoebidae (Centramoebida,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.9	58
21	Using environmental niche models to test the â€˜everything is everywhereâ€™ hypothesis for Badhamia. ISME Journal, 2014, 8, 737-745.	4.4	55
22	Myxomycetes in soil. Soil Biology and Biochemistry, 2011, 43, 2237-2242.	4.2	52
23	Genetic Structure of Two Protist Species (Myxogastria, Amoebozoa) Suggests Asexual Reproduction in Sexual Amoebae. PLoS ONE, 2011, 6, e22872.	1.1	47
24	Exploring slime mould diversity in high-altitude forests and grasslands by environmental RNA analysis. FEMS Microbiology Ecology, 2013, 84, 98-109.	1.3	34
25	Contrasting Responses of Protistan Plant Parasites and Phagotrophs to Ecosystems, Land Management and Soil Properties. Frontiers in Microbiology, 2020, 11, 1823.	1.5	27
26	Invalidation of Hyperamoeba by Transferring its Species to Other Genera of Myxogastria. Journal of Eukaryotic Microbiology, 2010, 57, 189-196.	0.8	25
27	Phylogenetic position of the enigmatic myxomycete genus Kelleromyxa revealed by SSU rDNA sequences. Mycological Progress, 2013, 12, 599-608.	0.5	24
28	First insight into dead wood protistan diversity: a molecular sampling of bright-spored Myxomycetes (Amoebozoa, slime-moulds) in decaying beech logs. FEMS Microbiology Ecology, 2015, 91, .	1.3	23
29	Metatranscriptomics reveals unsuspected protistan diversity in leaf litter across temperate beech forests, with Amoebozoa the dominating lineage. FEMS Microbiology Ecology, 2019, 95, .	1.3	23
30	Distinct communities of Cercozoa at different soil depths in a temperate agricultural field. FEMS Microbiology Ecology, 2019, 95, .	1.3	21
31	Different community compositions between obligate and facultative oomycete plant parasites in a landscape-scale metabarcoding survey. Biology and Fertility of Soils, 2021, 57, 245-256.	2.3	21
32	Semimorula liquescens is a modified echinostelid myxomycete (Mycetozoa). Mycologia, 2009, 101, 773-776.	0.8	20
33	Phylogeny of the Highly Divergent Echinosteliales (Amoebozoa). Journal of Eukaryotic Microbiology, 2016, 63, 453-459.	0.8	19
34	A Nonâ€Flagellated Member of the Myxogastria and Expansion of the Echinosteliida. Journal of Eukaryotic Microbiology, 2019, 66, 538-544.	0.8	19
35	Soil compartments (bulk soil, litter, root and rhizosphere) as main drivers of soil protistan communities distribution in forests with different nitrogen deposition. Soil Biology and Biochemistry, 2022, 168, 108628.	4.2	19
36	Ecology of sandstone ravine myxomycetes from Saxonian Switzerland (Germany). Nova Hedwigia, 2010, 90, 277-302.	0.2	15

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37	The Protists in Soilâ€"A Token of Untold Eukaryotic Diversity. , 2019, , 125-140.		15
38	Inferring interactions in complex microbial communities from nucleotide sequence data and environmental parameters. PLoS ONE, 2017, 12, e0173765.	1.1	15
39	Phylogeny of Physarida (Amoebozoa, Myxogastria) Based on the Smallâ€Subunit Ribosomal RNA Gene, Redefinition of Physarum pusillum s. str. and Reinstatement of P.Âgravidum Morgan. Journal of Eukaryotic Microbiology, 2020, 67, 327-336.	0.8	10
40	On the phenology of protists: recurrent patterns reveal seasonal variation of protistan (Rhizaria:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.3	9
41	From Forest Soil to the Canopy: Increased Habitat Diversity Does Not Increase Species Richness of Cercozoa and Oomycota in Tree Canopies. Frontiers in Microbiology, 2020, 11, 592189.	1.5	7
42	New insights into the phylogeny of the dark-spored Myxomycetes (Amoebozoa: Conosa: Myxogastria:) Tj ETQq0 0 0 rgBT /Overlock 10 T 228-236.	0.5	7
43	Ecological clusters of soil taxa within bipartite networks are highly sensitive to climatic conditions in global drylands. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, .	1.8	4
44	A Parasiteâ€™s Paradise: Biotrophic Species Prevail Oomycete Community Composition in Tree Canopies. Frontiers in Forests and Global Change, 2021, 4, .	1.0	2