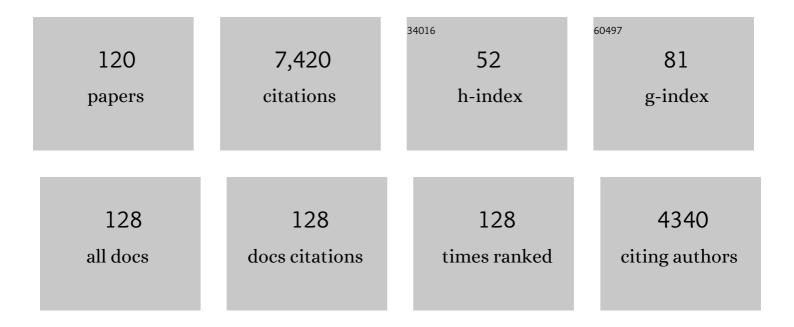
List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5773936/publications.pdf Version: 2024-02-01



Κλάξι Διμέκ

#	Article	IF	CITATIONS
1	Trophic flexibility of marine diplonemids - switching from osmotrophy to bacterivory. ISME Journal, 2022, 16, 1409-1419.	4.4	10
2	<scp>CARDâ€FISH</scp> and prey tracer techniques reveal the role of overlooked flagellate groups as major bacterivores in freshwater hypertrophic shallow lakes. Environmental Microbiology, 2022, 24, 4256-4273.	1.8	7
3	Recovery of freshwater microbial communities after extreme rain events is mediated by cyclic succession. Nature Microbiology, 2021, 6, 479-488.	5.9	42
4	Expanding ecological assessment by integrating microorganisms into routine freshwater biomonitoring. Water Research, 2021, 191, 116767.	5.3	104
5	CARD-FISH in the Sequencing Era: Opening a New Universe of Protistan Ecology. Frontiers in Microbiology, 2021, 12, 640066.	1.5	26
6	A freshwater radiation of diplonemids. Environmental Microbiology, 2020, 22, 4658-4668.	1.8	17
7	Bacterial and Eukaryotic Small-Subunit Amplicon Data Do Not Provide a Quantitative Picture of Microbial Communities, but They Are Reliable in the Context of Ecological Interpretations. MSphere, 2020, 5, .	1.3	65
8	Cascading effects in freshwater microbial food webs by predatory Cercozoa, Katablepharidacea and ciliates feeding on aplastidic bacterivorous cryptophytes. FEMS Microbiology Ecology, 2020, 96, .	1.3	14
9	Sediment methane dynamics along the Elbe River. Limnologica, 2019, 79, 125716.	0.7	5
10	Microbial food webs in hypertrophic fishponds: Omnivorous ciliate taxa are major protistan bacterivores. Limnology and Oceanography, 2019, 64, 2295-2309.	1.6	50
11	Methane dynamics in a large river: a case study of the Elbe River. Aquatic Sciences, 2019, 81, 1.	0.6	17
12	Seasonal strengths of the abiotic and biotic drivers of a zooplankton community. Freshwater Biology, 2019, 64, 1326-1341.	1.2	8
13	Fluorescently Labeled Bacteria as a Tracer to Reveal Novel Pathways of Organic Carbon Flow in Aquatic Ecosystems. Journal of Visualized Experiments, 2019, , .	0.2	4
14	Shifts in cell size and community composition of bacterioplankton due to grazing by heterotrophic flagellates: evidence from a marine system. Aquatic Microbial Ecology, 2019, 83, 295-308.	0.9	4
15	Bacterial prey food characteristics modulate community growth response of freshwater bacterivorous flagellates. Limnology and Oceanography, 2018, 63, 484-502.	1.6	40
16	Cryptophyta as major bacterivores in freshwater summer plankton. ISME Journal, 2018, 12, 1668-1681.	4.4	104
17	Aerobic Anoxygenic Photosynthesis Is Commonly Present within the Genus Limnohabitans. Applied and Environmental Microbiology, 2018, 84, .	1.4	64
18	Hunters or farmers? Microbiome characteristics help elucidate the diet composition in an aquatic carnivorous plant. Microbiome, 2018, 6, 225.	4.9	29

#	Article	IF	CITATIONS
19	Hidden in plain sight—highly abundant and diverse planktonic freshwater Chloroflexi. Microbiome, 2018, 6, 176.	4.9	130
20	Determining lineage-specific bacterial growth curves with a novel approach based on amplicon reads normalization using internal standard (ARNIS). ISME Journal, 2018, 12, 2640-2654.	4.4	36
21	Methane distribution and methane oxidation in the water column of the Elbe estuary, Germany. Aquatic Sciences, 2017, 79, 443-458.	0.6	27
22	Distribution and ecological preferences of the freshwater lineage <scp>L</scp> im <scp>A</scp> (genus <scp><i>L</i></scp> <i>innohabitans)</i> revealed by a new double hybridization approach. Environmental Microbiology, 2017, 19, 1296-1309.	1.8	54
23	The Limnohabitans Genus Harbors Generalistic and Opportunistic Subtypes: Evidence from Spatiotemporal Succession in a Canyon-Shaped Reservoir. Applied and Environmental Microbiology, 2017, 83, .	1.4	48
24	Strainâ€specific consumption and transformation of algaâ€derived dissolved organic matter by members of the <i>Limnohabitans</i> and <i>Polynucleobacter</i> â€8 clusters of <i>Betaproteobacteria</i> . Environmental Microbiology, 2017, 19, 4519-4535.	1.8	67
25	Ecological Traits of the Algaeâ€Bearing <i>Tetrahymena utriculariae</i> (Ciliophora) from Traps of the Aquatic Carnivorous Plant <i>Utricularia reflexa</i> . Journal of Eukaryotic Microbiology, 2017, 64, 336-348.	0.8	13
26	The Green <i>Tetrahymena utriculariae</i> n. sp. (Ciliophora, Oligohymenophorea) with Its Endosymbiotic Algae (<i>Micractinium</i> sp.), Living in Traps of a Carnivorous Aquatic Plant. Journal of Eukaryotic Microbiology, 2017, 64, 322-335.	0.8	21
27	Interspecific competition and protistan grazing affect the coexistence of freshwater betaproteobacterial strains. FEMS Microbiology Ecology, 2016, 92, fiv156.	1.3	6
28	Isolation and cultivation of planktonic freshwater microbes is essential for a comprehensive understanding of their ecology. Aquatic Microbial Ecology, 2016, 77, 183-196.	0.9	22
29	Marine bacterial community structure resilience to changes in protist predation under phytoplankton bloom conditions. ISME Journal, 2016, 10, 568-581.	4.4	65
30	Prey-Specific Growth Responses of Freshwater Flagellate Communities Induced by Morphologically Distinct Bacteria from the Genus Limnohabitans. Applied and Environmental Microbiology, 2015, 81, 4993-5002.	1.4	22
31	A population of giant tailed virus-like particles associated with heterotrophic flagellates in a lake-type reservoir. Aquatic Microbial Ecology, 2015, 76, 111-116.	0.9	4
32	A finely tuned symphony of factors modulates the microbial food web of a freshwater reservoir in spring. Limnology and Oceanography, 2014, 59, 1477-1492.	1.6	73
33	Differential freshwater flagellate community response to bacterial food quality with a focus on <i>Limnohabitans</i> bacteria. ISME Journal, 2013, 7, 1519-1530.	4.4	107
34	Unveiling Distribution Patterns of Freshwater Phytoplankton by a Next Generation Sequencing Based Approach. PLoS ONE, 2013, 8, e53516.	1.1	120
35	The Diversity of the Limnohabitans Genus, an Important Group of Freshwater Bacterioplankton, by Characterization of 35 Isolated Strains. PLoS ONE, 2013, 8, e58209.	1.1	165
36	Patterns of Limnohabitans Microdiversity across a Large Set of Freshwater Habitats as Revealed by Reverse Line Blot Hybridization. PLoS ONE, 2013, 8, e58527.	1.1	55

#	Article	IF	CITATIONS
37	Genome Sequences of Two Freshwater Betaproteobacterial Isolates, Limnohabitans Species Strains Rim28 and Rim47, Indicate Their Capabilities as Both Photoautotrophs and Ammonia Oxidizers. Journal of Bacteriology, 2012, 194, 6302-6303.	1.0	48
38	Contrasting trends in distribution of four major planktonic betaproteobacterial groups along a pH gradient of epilimnia of 72 freshwater habitats. FEMS Microbiology Ecology, 2012, 81, 467-479.	1.3	62
39	The Passive Yet Successful Way of Planktonic Life: Genomic and Experimental Analysis of the Ecology of a Free-Living Polynucleobacter Population. PLoS ONE, 2012, 7, e32772.	1.1	113
40	Synechococcus growth in the ocean may depend on the lysis of heterotrophic bacteria. Journal of Plankton Research, 2011, 33, 1465-1476.	0.8	66
41	The Effect of River Water Circulation on the Distribution and Functioning of Reservoir Microbial Communities as Determined by a Relative Distance Approach. Ecosystems, 2011, 14, 1-14.	1.6	21
42	Alga-Derived Substrates Select for Distinct Betaproteobacterial Lineages and Contribute to Niche Separation in Limnohabitans Strains. Applied and Environmental Microbiology, 2011, 77, 7307-7315.	1.4	114
43	Aggregate formation in a freshwater bacterial strain induced by growth state and conspecific chemical cues. Environmental Microbiology, 2010, 12, 2486-2495.	1.8	31
44	Limnohabitans australis sp. nov., isolated from a freshwater pond, and emended description of the genus Limnohabitans. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2946-2950.	0.8	59
45	Limnohabitans planktonicus sp. nov. and Limnohabitans parvus sp. nov., planktonic betaproteobacteria isolated from a freshwater reservoir, and emended description of the genus Limnohabitans. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2710-2714.	0.8	80
46	Assessing Niche Separation among Coexisting <i>Limnohabitans</i> Strains through Interactions with a Competitor, Viruses, and a Bacterivore. Applied and Environmental Microbiology, 2010, 76, 1406-1416.	1.4	36
47	Broad Habitat Range of the Phylogenetically Narrow R-BT065 Cluster, Representing a Core Group of the Betaproteobacterial Genus <i>Limnohabitans</i> . Applied and Environmental Microbiology, 2010, 76, 631-639.	1.4	93
48	Limnohabitans curvus gen. nov., sp. nov., a planktonic bacterium isolated from a freshwater lake. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1358-1365.	0.8	92
49	Bacterial single-cell activities along the nutrient availability gradient in a canyon-shaped reservoir: a seasonal study. Aquatic Microbial Ecology, 2010, 60, 215-225.	0.9	9
50	Determining the availability of phosphate and glucose for bacteria in P-limited mesocosms of NW Mediterranean surface waters. Aquatic Microbial Ecology, 2009, 56, 81-91.	0.9	21
51	The effect of extreme rainfall on summer succession and vertical distribution of phytoplankton in a lacustrine part of a eutrophic reservoir. Aquatic Sciences, 2008, 70, 77-86.	0.6	42
52	Topâ€down and bottomâ€up induced shifts in bacterial abundance, production and community composition in an experimentally divided humic lake. Environmental Microbiology, 2008, 10, 635-652.	1.8	53
53	Spatio-temporal patterns of bacterioplankton production and community composition related to phytoplankton composition and protistan bacterivory in a dam reservoir. Aquatic Microbial Ecology, 2008, 51, 249-262.	0.9	84
54	Effects of a Microcystis aeruginosa bloom and bacterivory on bacterial abundance and activity in a eutrophic reservoir. Aquatic Microbial Ecology, 2008, 52, 107-117.	0.9	17

#	Article	IF	CITATIONS
55	Selective feeding behaviour of key free-living protists: avenues for continued study. Aquatic Microbial Ecology, 2008, 53, 83-98.	0.9	163
56	Synergistic and antagonistic effects of viral lysis and protistan grazing on bacterial biomass, production and diversity. Environmental Microbiology, 2007, 9, 777-788.	1.8	123
57	Grazer and virus-induced mortality of bacterioplankton accelerates development of Flectobacillus populations in a freshwater community. Environmental Microbiology, 2007, 9, 789-800.	1.8	57
58	Response of Alteromonadaceae and Rhodobacteriaceae to glucose and phosphorus manipulation in marine mesocosms. Environmental Microbiology, 2007, 9, 2417-2429.	1.8	143
59	Modulation of microbial predator–prey dynamics by phosphorus availability: Growth patterns and survival strategies of bacterial phylogenetic clades. FEMS Microbiology Ecology, 2007, 60, 40-50.	1.3	45
60	Biomass reallocation within freshwater bacterioplankton induced by manipulating phosphorus availability and grazing. Aquatic Microbial Ecology, 2007, 49, 223-232.	0.9	13
61	Prey selectivity of bacterivorous protists in different size fractions of reservoir water amended with nutrients. Environmental Microbiology, 2006, 8, 1330-1339.	1.8	99
62	Maximum growth rates and possible life strategies of different bacterioplankton groups in relation to phosphorus availability in a freshwater reservoir. Environmental Microbiology, 2006, 8, 1613-1624.	1.8	203
63	Extracellular phosphatases in a Mediterranean reservoir: seasonal, spatial and kinetic heterogeneity. Freshwater Biology, 2006, 51, 1264-1276.	1.2	39
64	Seasonal dynamics, composition and feeding patterns of ciliate assemblages in oligotrophic lakes covering a wide pH range. Archiv Für Hydrobiologie, 2006, 166, 261-287.	1.1	32
65	Effects of resource availability and bacterivory on leucine incorporation in different groups of freshwater bacterioplankton, assessed using microautoradiography. Aquatic Microbial Ecology, 2006, 45, 277-289.	0.9	37
66	Effects of decreased resource availability, protozoan grazing and viral impact on a structure of bacterioplankton assemblage in a canyon-shaped reservoir. FEMS Microbiology Ecology, 2005, 52, 315-327.	1.3	33
67	Food selection by bacterivorous protists: insight from the analysis of the food vacuole content by means of fluorescence in situ hybridization. FEMS Microbiology Ecology, 2005, 52, 351-363.	1.3	134
68	Influence of Top-Down and Bottom-Up Manipulations on the R-BT065 Subcluster of β-Proteobacteria, an Abundant Group in Bacterioplankton of a Freshwater Reservoir. Applied and Environmental Microbiology, 2005, 71, 2381-2390.	1.4	107
69	Extracellular phosphatase activity of freshwater phytoplankton exposed to different in situ phosphorus concentrations. Marine and Freshwater Research, 2005, 56, 417.	0.7	31
70	Are Bacteria the Major Producers of Extracellular Glycolytic Enzymes in Aquatic Environments?. International Review of Hydrobiology, 2004, 89, 102-117.	0.5	39
71	Role of diatom-attached choanoflagellates of the genus Salpingoeca as pelagic bacterivores. Aquatic Microbial Ecology, 2004, 36, 257-269.	0.9	21
72	Longitudinal changes in protistan bacterivory and bacterial production in two canyon-shaped reservoirs of different trophic status. Hydrobiologia, 2003, 504, 115-130.	1.0	25

#	Article	IF	CITATIONS
73	Carbon flow dynamics in the pelagic community of the Sau Reservoir (Catalonia, NE Spain). Hydrobiologia, 2003, 504, 87-98.	1.0	15
74	Changes in bacterial community composition and microbial activities along the longitudinal axis of two canyon-shaped reservoirs with different inflow loading. Hydrobiologia, 2003, 504, 99-113.	1.0	51
75	Massive occurrence of heterotrophic filaments in acidified lakes: seasonal dynamics and composition. FEMS Microbiology Ecology, 2003, 46, 281-294.	1.3	24
76	Extracellular phosphatase activity of natural plankton studied with ELF97 phosphate: fluorescence quantification and labelling kinetics. Environmental Microbiology, 2003, 5, 462-472.	1.8	82
77	Comparing the effects of resource enrichment and grazing on a bacterioplankton community of a meso-eutrophic reservoir. Aquatic Microbial Ecology, 2003, 31, 123-135.	0.9	75
78	Comparing the effects of resource enrichment and grazing on viral production in a meso-eutrophic reservoir. Aquatic Microbial Ecology, 2003, 31, 137-144.	0.9	78
79	A transplant experiment to identify the factors controlling bacterial abundance, activity, production, and community composition in a eutrophic canyonâ€shaped reservoir. Limnology and Oceanography, 2002, 47, 62-77.	1.6	104
80	Altering the balance between bacterial production and protistan bacterivory triggers shifts in freshwater bacterial community composition. Antonie Van Leeuwenhoek, 2002, 81, 453-463.	0.7	32
81	Changes in the Epilimnetic Bacterial Community Composition, Production, and Protist-Induced Mortality along the Longitudinal Axis of a Highly Eutrophic Reservoir. Microbial Ecology, 2001, 42, 359-371.	1.4	55
82	Size Selective Feeding in Cyclidium glaucoma (Ciliophora, Scuticociliatida) and Its Effects on Bacterial Community Structure: A Study from a Continuous Cultivation System. Microbial Ecology, 2001, 42, 217-227.	1.4	50
83	Planktonic Food Web Structure along the Sau Reservoir (Spain) in Summer 1997. International Review of Hydrobiology, 2001, 86, 195-209.	0.5	18
84	Conspicuous Peak of Oligotrichous Ciliates Following Winter Stratification in a Bog Lake. Journal of Plankton Research, 2001, 23, 353-363.	0.8	17
85	Predator-Specific Enrichment of Actinobacteria from a Cosmopolitan Freshwater Clade in Mixed Continuous Culture. Applied and Environmental Microbiology, 2001, 67, 2145-2155.	1.4	125
86	Changes in Bacterial Community Composition and Dynamics and Viral Mortality Rates Associated with Enhanced Flagellate Grazing in a Mesoeutrophic Reservoir. Applied and Environmental Microbiology, 2001, 67, 2723-2733.	1.4	340
87	Ecological role and bacterial grazing of Halteria spp.: small freshwater oligotrichs as dominant pelagic ciliate bacterivores. Aquatic Microbial Ecology, 2000, 22, 43-56.	0.9	78
88	Functional response and particle size selection of Halteria cf. grandinella, a common freshwater oligotrichous ciliate. Aquatic Microbial Ecology, 2000, 22, 57-68.	0.9	51
89	Investigations on pelagic food webs in mountain lakes - aims and methods. Journal of Limnology, 1999, 58, 77.	0.3	96
90	Diel periodicity in Synechococcus populations and grazing by heterotrophic nanoflagellates: Analysis of food vacuole contents. Limnology and Oceanography, 1999, 44, 1565-1570.	1.6	76

#	Article	IF	CITATIONS
91	Shifts in bacterial community composition associated with different microzooplankton size fractions in a eutrophic reservoir. Limnology and Oceanography, 1999, 44, 1634-1644.	1.6	119
92	Predator-induced changes of bacterial size-structure and productivity studied on an experimental microbial community. Aquatic Microbial Ecology, 1999, 18, 235-246.	0.9	110
93	Effect of biomanipulation on the structuring of the planktonic food web and water treatability by coagulation. Water Science and Technology, 1998, 37, 105.	1.2	3
94	Microbial Food Webs in an Artificially Divided Acidic Bog Lake. International Review of Hydrobiology, 1998, 83, 3-18.	0.5	42
95	Ingestion and digestion of an autotrophic picoplankter, Synechococcus, by a heterotrophic nanoflagellate, Bode saLtans. Limnology and Oceanography, 1998, 43, 1740-1746.	1.6	41
96	Processing of ingested matter in Strombidium sulcatum, a marine ciliate (Oligotrichida). Limnology and Oceanography, 1997, 42, 393-397.	1.6	45
97	Extracellular, low-affinity β-N-acetylglucosaminidases linked to the dynamics of diatoms and crustaceans in freshwater systems of different trophic degree. International Review of Hydrobiology, 1997, 82, 277-286.	0.6	17
98	Morphological and compositional shifts in an experimental bacterial community influenced by protists with contrasting feeding modes. Applied and Environmental Microbiology, 1997, 63, 587-595.	1.4	184
99	Contrasting bacterial strategies to coexist with a flagellate predator in an experimental microbial assemblage. Applied and Environmental Microbiology, 1997, 63, 596-601.	1.4	151
100	Community structure, picoplankton grazing and zooplankton control of heterotrophic nanoflagellates in a eutrophic reservoir during the summer phytoplankton maximum. Aquatic Microbial Ecology, 1997, 12, 49-63.	0.9	101
101	Growth rates of dominant planktonic ciliates in two freshwater bodies of different trophic degree. Journal of Plankton Research, 1996, 18, 463-481.	0.8	48
102	Short-term changes of protozoan control on autotrophic picoplankton in an oligo-mesotrophic lake. Journal of Plankton Research, 1996, 18, 443-462.	0.8	65
103	Can freshwater planktonic ciliates survive on a diet of picoplankton?. Journal of Plankton Research, 1996, 18, 597-613.	0.8	75
104	Top-down effects on the size-biomass distribution of a freshwater bacterioplankton community. Aquatic Microbial Ecology, 1996, 10, 255-263.	0.9	107
105	Ciliategrazing on picoplankton in a eutrophic reservoir during the summer phytoplankton maximum: A study at the species and community level. Limnology and Oceanography, 1995, 40, 1077-1090.	1.6	189
106	Ingestion of suspended bacteria by fish: a modified approach. Journal of Fish Biology, 1995, 47, 334-336.	0.7	10
107	<i>N</i> â€acetylglucosamine dynamics in freshwater environments: Concentration of amino sugars, extracellular enzyme activities, and microbial uptake. Limnology and Oceanography, 1994, 39, 1088-1100.	1.6	36
108	Size-selective feeding by Cyclidium sp. on bacterioplankton and various sizes of cultured bacteria. FEMS Microbiology Ecology, 1994, 14, 157-167.	1.3	19

#	Article	IF	CITATIONS
109	Estimates of bacterial growth rate constants from thymidine incorporation and variable conversion factors. Microbial Ecology, 1993, 25, 121-130.	1.4	12
110	Bacterial growth and losses due to bacterivory in a mesotrophic lake. Journal of Plankton Research, 1993, 15, 771-785.	0.8	26
111	Microbial loop in lakes and reservoirs related to trophy and metazooplankton development. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 1993, 25, 1183-1186.	0.1	5
112	4-Methylumbelliferyl-β- <i>N</i> -Acetylglucosaminide Hydrolysis by a High-Affinity Enzyme, a Putative Marker of Protozoan Bacterivory. Applied and Environmental Microbiology, 1993, 59, 3091-3101.	1.4	42
113	Bacterioplankton production and protozoan bacterivory in a mesotrophic reservoir. Journal of Plankton Research, 1992, 14, 773-787.	0.8	85
114	Microbial decomposition of polymer organic matter related to plankton development in a reservoir: activity of α-, β-glucosidase, and β-N-acetylglucosaminidase and uptake of N-acetylglucosamine. Archiv Für Hydrobiologie, 1992, 126, 193-211.	1.1	28
115	Direct and Indirect Evidence of Size-Selective Grazing on Pelagic Bacteria by Freshwater Nanoflagellates. Applied and Environmental Microbiology, 1992, 58, 3715-3720.	1.4	188
116	Preyâ€ s ize selection by freshwater flagellated protozoa. Limnology and Oceanography, 1990, 35, 1429-1436.	1.6	177
117	Possible food chain relationships between bacterioplankton, protozoans, and cladocerans in a reservoir. International Review of Hydrobiology, 1990, 75, 583-596.	0.6	56
118	Use of nitrocellulose Synpor filters for counting soil bacteria by epifluorescence microscopy. Folia Microbiologica, 1987, 32, 349-353.	1.1	7
119	Bacterial Activity in a Reservoir Determined by Autoradiography and its Relationships to Phyto- and Zooplankton. International Review of Hydrobiology, 1986, 71, 593-612.	0.6	18
120	Repeated flood disturbance enhances rotifer dominance and diversity in a zooplankton community of a small dammed mountain pond. Journal of Limnology, 0, , .	0.3	4