

# Niels O G JÃ,rgensen

## List of Publications by Year in descending order

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93  
papers

3,390  
citations

117625

34  
h-index

155660

55  
g-index

93  
all docs

93  
docs citations

93  
times ranked

3125  
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid scintillation counting can underestimate <sup>14</sup> C-activity of <sup>14</sup> CO <sub>2</sub> trapped in NaOH. <i>Soil Biology and Biochemistry</i> , 2022, 166, 108576.	8.8	3
2	Volatiles produced by <i>Streptomyces</i> spp. delay rot in apples caused by <i>Colletotrichum acutatum</i> . <i>Current Research in Microbial Sciences</i> , 2022, 3, 100121.	2.3	1
3	Monitoring of saxitoxin production in lakes in Denmark by molecular, chromatographic and microscopic approaches. <i>Harmful Algae</i> , 2021, 101, 101966.	4.8	11
4	Influence of Environmental Factors on Occurrence of Cyanobacteria and Abundance of Saxitoxin-Producing Cyanobacteria in a Subtropical Drinking Water Reservoir in Brazil. <i>Water (Switzerland)</i> , 2021, 13, 1716.	2.7	10
5	Geosmin fluctuations and potential hotspots for elevated levels in recirculated aquaculture system (RAS): A case study from pikeperch ( <i>Stizostedion lucioperca</i> ) production in Denmark. <i>Aquaculture</i> , 2020, 514, 734501.	3.5	7
6	Effects of reduced organic matter loading through membrane filtration on the microbial community dynamics in recirculating aquaculture systems (RAS) with Atlantic salmon parr ( <i>Salmo salar</i> ). <i>Aquaculture</i> , 2020, 524, 735268.	3.5	29
7	Occurrence of <i>Cyanobacteria</i> and microcystins in hydroelectric reservoirs used for fish farming. <i>Journal of Water and Health</i> , 2020, 18, 983-994.	2.6	6
8	Ballast water treatment and bacteria: Analysis of bacterial activity and diversity after treatment of simulated ballast water by electrochlorination and UV exposure. <i>Science of the Total Environment</i> , 2019, 648, 408-421.	8.0	32
9	Microbial Production of the Off-Flavor Geosmin in Tilapia Production in Brazilian Water Reservoirs: Importance of Bacteria in the Intestine and Other Fish-Associated Environments. <i>Frontiers in Microbiology</i> , 2019, 10, 2447.	3.5	23
10	Grey water treatment in stacked multi-layer reactors with passive aeration and particle trapping. <i>Water Research</i> , 2019, 161, 181-190.	11.3	13
11	Evaluating the microbial effects of stocking freshwater snails ( <i>Physa gyrina</i> ) in water reuse systems culturing rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Journal of Applied Aquaculture</i> , 2019, 31, 97-120.	1.4	1
12	Testing the yield of a pilot-scale bubble column photobioreactor for cultivation of the microalga <i>Rhodomonas salina</i> as feed for intensive calanoid copepod cultures. <i>Aquaculture Research</i> , 2019, 50, 63-71.	1.8	13
13	Dynamics of geosmin-producing bacteria in a full-scale saltwater recirculated aquaculture system. <i>Aquaculture</i> , 2019, 500, 170-177.	3.5	11
14	Conidia-based fluorescence quantification of <i>Streptomyces</i> . <i>Journal of Microbiological Methods</i> , 2018, 153, 104-107.	1.6	0
15	A Screening Method for the Isolation of Bacteria Capable of Degrading Toxic Steroidal Glycoalkaloids Present in Potato. <i>Frontiers in Microbiology</i> , 2018, 9, 2648.	3.5	21
16	Characterization of phytoplankton by pigment analysis and the detection of toxic cyanobacteria in reservoirs with aquaculture production. <i>Aquaculture Environment Interactions</i> , 2018, 10, 35-48.	1.8	8
17	Potential Contribution of Fish Feed and Phytoplankton to the Content of Volatile Terpenes in Cultured <i>Pangasius pangasius</i> and <i>Tilapia nilotica</i> . <i>Journal of Applied Aquaculture</i> , 2017, 29, 107-115.	1.0	10
18	Changes in free amino acid content during naupliar development of the Calanoid copepod <i>Acartia tonsa</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2017, 210, 1-6.	1.8	3

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19	Relations between abundance of potential geosmin- and 2-MIB-producing organisms and concentrations of these compounds in water from three Australian reservoirs. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2016, 65, 504-513.	1.4	13
20	Predation and selection for antibiotic resistance in natural environments. <i>Evolutionary Applications</i> , 2016, 9, 427-434.	3.1	23
21	Effect of probiotic and sand filtration treatments on water quality and growth of tilapia ( <i>Oreochromis niloticus</i> ) and pangas ( <i>Pangasianodon hypophthalmus</i> ) in earthen ponds of southern Bangladesh. <i>Journal of Applied Aquaculture</i> , 2016, 28, 199-212.	1.4	12
22	Plankton composition and biomass development: a seasonal study of a semi-intensive outdoor system for rearing of turbot. <i>Aquaculture Nutrition</i> , 2016, 22, 1239-1250.	2.7	6
23	Biochemical composition of the promising live feed tropical calanoid copepod <i>Pseudodiaptomus annandalei</i> (Sewell 1919) cultured in Taiwanese outdoor aquaculture ponds. <i>Aquaculture</i> , 2015, 441, 25-34.	3.5	43
24	Methane fluxes and the functional groups of methanotrophs and methanogens in a young Arctic landscape on Disko Island, West Greenland. <i>Biogeochemistry</i> , 2015, 122, 15-33.	3.5	48
25	The biosurfactant viscosin transiently stimulates n-hexadecane mineralization by a bacterial consortium. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 1475-1483.	3.6	32
26	Species-specific content of As, Pb, and other elements in pangas ( <i>Pangasianodon hypophthalmus</i> ) and tilapia ( <i>Oreochromis niloticus</i> ) from aquaculture ponds in southern Bangladesh. <i>Aquaculture</i> , 2014, 426-427, 85-87.	3.5	4
27	Geosmin off-flavour in pond-raised fish in southern Bangladesh and occurrence of potential off-flavour producing organisms. <i>Aquaculture Environment Interactions</i> , 2014, 5, 107-116.	1.8	18
28	Dissecting the role of viruses in marine nutrient cycling: bacterial uptake of D- and L-amino acids released by viral lysis. <i>Aquatic Microbial Ecology</i> , 2014, 73, 235-243.	1.8	11
29	Distribution and ecological impact of artemisinin derived from <i>Artemisia annua</i> L. in an agricultural ecosystem. <i>Soil Biology and Biochemistry</i> , 2013, 57, 164-172.	8.8	20
30	Detection of aquatic streptomycetes by quantitative PCR for prediction of taste-and-odour episodes in water reservoirs. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2012, 61, 272-282.	1.4	14
31	Evaluation of geosmin and 2-methylisoborneol off-flavour in smoked rainbow trout fillets using instrumental and sensory analyses. <i>Aquaculture Research</i> , 2012, 43, 149-153.	1.8	19
32	Proteinase production in <i>Pseudomonas fluorescens</i> ON2 is affected by carbon sources and allows surface-attached but not planktonic cells to utilize protein for growth in lake water. <i>FEMS Microbiology Ecology</i> , 2012, 80, 168-178.	2.7	7
33	Effects of traditional rainbow trout ( <i>Oncorhynchus mykiss</i> ) breeding on dissolved organic nitrogen pools and microbial activity in the water. <i>Aquaculture Research</i> , 2012, 44, 125-139.	1.8	0
34	Chemical and Sensory Quantification of Geosmin and 2-Methylisoborneol in Rainbow Trout ( <i>Oncorhynchus mykiss</i> ) from Recirculated Aquacultures in Relation to Concentrations in Basin Water. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 12561-12568.	5.2	51
35	Copper bioavailability and impact on bacterial growth in flow-through rainbow trout aquaculture systems. <i>Aquaculture</i> , 2011, 322-323, 259-262.	3.5	3
36	<i>Vogesella mureinivorans</i> sp. nov., a peptidoglycan-degrading bacterium from lake water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2467-2472.	1.7	32

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37	Delftia lacustris sp. nov., a peptidoglycan-degrading bacterium from fresh water, and emended description of Delftia tsuruhatensis as a peptidoglycan-degrading bacterium. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 2195-2199.	1.7	97
38	Biomass of pelagic fungi in Baltic rivers. Hydrobiologia, 2009, 623, 105-112.	2.0	13
39	Effect of Availability of Nitrogen Compounds on Community Structure of Aquatic Bacteria in Model Systems. Microbial Ecology, 2009, 57, 104-116.	2.8	5
40	Organic Nitrogen. , 2009, , 832-851.		11
41	Strain-specific vital rates in four Acartia tonsa cultures II: Life history traits and biochemical contents of eggs and adults. Aquaculture, 2008, 279, 47-54.	3.5	54
42	Contribution of Bacterial Cell Wall Components to DOM in Alkaline, Hypersaline Mono Lake, California. Geomicrobiology Journal, 2008, 25, 38-55.	2.0	6
43	Links between bacterial production, amino-acid utilization and community composition in productive lakes. ISME Journal, 2007, 1, 532-544.	9.8	51
44	Purine and pyrimidine metabolism by estuarine bacteria. Aquatic Microbial Ecology, 2006, 42, 215-226.	1.8	36
45	Viral lysis of bacteria: an important source of dissolved amino acids and cell wall compounds. Journal of the Marine Biological Association of the United Kingdom, 2006, 86, 605-612.	0.8	148
46	Detection of activity among uncultured Actinobacteria in a drinking water reservoir. FEMS Microbiology Ecology, 2006, 55, 432-438.	2.7	36
47	Biochemical and technical observations supporting the use of copepods as live feed organisms in marine larviculture. Aquaculture Research, 2006, 37, 756-772.	1.8	131
48	Occurrence and Bacterial Cycling of d Amino Acid Isomers in an Estuarine Environment. Biogeochemistry, 2006, 81, 77-94.	3.5	18
49	Uptake of urea by estuarine bacteria. Aquatic Microbial Ecology, 2006, 42, 227-242.	1.8	40
50	Abundance of actinobacteria and production of geosmin and 2-methylisoborneol in Danish streams and fish ponds. FEMS Microbiology Ecology, 2005, 52, 265-278.	2.7	75
51	Tenacibaculum skagerrakense sp. nov., a marine bacterium isolated from the pelagic zone in Skagerrak, Denmark. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 519-524.	1.7	64
52	Microbial community-level toxicity testing of linear alkylbenzene sulfonates in aquatic microcosms. FEMS Microbiology Ecology, 2004, 49, 229-241.	2.7	30
53	Functional characteristics of culturable bacterioplankton from marine and estuarine environments. International Microbiology, 2004, 7, 219-27.	2.4	16
54	Occurrence and degradation of peptidoglycan in aquatic environments. FEMS Microbiology Ecology, 2003, 46, 269-280.	2.7	64

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55	Degradation of microcystin in sediments at oxic and anoxic, denitrifying conditions. <i>Water Research</i> , 2003, 37, 4748-4760.	11.3	137
56	SUMMER INPUTS OF RIVERINE NUTRIENTS TO THE BALTIC SEA: BIOAVAILABILITY AND EUTROPHICATION RELEVANCE. <i>Ecological Monographs</i> , 2002, 72, 579-597.	5.4	168
57	Utilization of marine sedimentary dissolved organic nitrogen by native anaerobic bacteria. <i>Limnology and Oceanography</i> , 2002, 47, 1712-1722.	3.1	29
58	Summer Inputs of Riverine Nutrients to the Baltic Sea: Bioavailability and Eutrophication Relevance. <i>Ecological Monographs</i> , 2002, 72, 579.	5.4	7
59	Bacterial influence on amino acid enantiomerization in a coastal marine sediment. <i>Limnology and Oceanography</i> , 2001, 46, 1358-1369.	3.1	59
60	Variability in Inorganic and Organic Nitrogen Uptake Associated with Riverine Nutrient Input in the Gulf of Riga, Baltic Sea. <i>Estuaries and Coasts</i> , 2001, 24, 204.	1.7	51
61	High DON bioavailability in boreal streams during a spring flood. <i>Limnology and Oceanography</i> , 2000, 45, 1298-1307.	3.1	131
62	Relations between bacterial nitrogen metabolism and growth efficiency in an estuarine and an open-water ecosystem. <i>Aquatic Microbial Ecology</i> , 1999, 18, 247-261.	1.8	52
63	Occurrence and bacterial cycling of dissolved nitrogen in the Gulf of Riga, the Baltic Sea. <i>Marine Ecology - Progress Series</i> , 1999, 191, 1-18.	1.9	78
64	Effects of sunlight on occurrence and bacterial turnover of specific carbon and nitrogen compounds in lake water. <i>FEMS Microbiology Ecology</i> , 1998, 25, 217-227.	2.7	39
65	Effects of sunlight on occurrence and bacterial turnover of specific carbon and nitrogen compounds in lake water. <i>FEMS Microbiology Ecology</i> , 1998, 25, 217-227.	2.7	36
66	Influence of sediment on pelagic carbon and nitrogen turnover in a shallow Danish estuary. <i>Aquatic Microbial Ecology</i> , 1998, 14, 81-90.	1.8	30
67	Release of <i>Alcaligenes eutrophus</i> JMP134 and/or nutrients into seawater mesocosms: Fate of the introduced cells and effects on the ecosystem. <i>Water Research</i> , 1997, 31, 2820-2826.	11.3	0
68	Determination of dissolved combined amino acids using microwave-assisted hydrolysis and HPLC precolumn derivatization for labeling of primary and secondary amines. <i>Marine Chemistry</i> , 1997, 57, 287-297.	2.3	29
69	Bacterial uptake and utilization of dissolved DNA. <i>Aquatic Microbial Ecology</i> , 1996, 11, 263-270.	1.8	52
70	Comparison of microbial trophic interactions in aquatic microcosms designed for the testing of introduced microorganisms. <i>Environmental Toxicology and Chemistry</i> , 1994, 13, 247-257.	4.3	8
71	Microbial fluxes of free monosaccharides and total carbohydrates in freshwater determined by PAD-HPLC. <i>FEMS Microbiology Ecology</i> , 1994, 14, 79-93.	2.7	28
72	Microbial fluxes of free monosaccharides and total carbohydrates in freshwater determined by PAD-HPLC. <i>FEMS Microbiology Ecology</i> , 1994, 14, 79-93.	2.7	33

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73	Utilization of Dissolved Nitrogen by Heterotrophic Bacterioplankton: a Comparison of Three Ecosystems. <i>Applied and Environmental Microbiology</i> , 1994, 60, 4116-4123.	3.1	70
74	Utilization of Dissolved Nitrogen by Heterotrophic Bacterioplankton: Effect of Substrate C/N Ratio. <i>Applied and Environmental Microbiology</i> , 1994, 60, 4124-4133.	3.1	46
75	Dissolved free amino acids, combined amino acids, and DNA as sources of carbon and nitrogen to marine bacteria. <i>Marine Ecology - Progress Series</i> , 1993, 98, 135-148.	1.9	130
76	Taxonomic Status of <i>Kitasatosporia</i> , and Proposed Unification with <i>Streptomyces</i> on the Basis of Phenotypic and 16S rRNA Analysis and Emendation of <i>Streptomyces Waksman</i> and <i>Henrici</i> 1943, 339AL. <i>International Journal of Systematic Bacteriology</i> , 1992, 42, 156-160.	2.8	110
77	Incorporation of thymidine, adenine and leucine into natural bacterial assemblages. <i>Marine Ecology - Progress Series</i> , 1990, 65, 87-94.	1.9	49
78	Pelagic food web processes in an oligotrophic lake. <i>Hydrobiologia</i> , 1988, 164, 271-286.	2.0	29
79	Free amino acids in lakes: Concentrations and assimilation rates in relation to phytoplankton and bacterial production. <i>Limnology and Oceanography</i> , 1987, 32, 97-111.	3.1	101
80	Fluxes of free amino acids in three Danish lakes. <i>Freshwater Biology</i> , 1986, 16, 255-268.	2.4	23
81	Zooplankton induced changes in dissolved free amino acids and in production rates of freshwater bacteria. <i>Microbial Ecology</i> , 1986, 12, 247-258.	2.8	49
82	Extracellular Organic Carbon (EOC) Released by Phytoplankton and Bacterial Production. <i>Oikos</i> , 1985, 45, 323.	2.7	76
83	Specific activity. Significance in estimating release rates of extracellular dissolved organic carbon (EOC) by algae. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 1985, 22, 2893-2897.	0.1	2
84	Occurrence and heterotrophic turnover of dissolved free amino acids in the thermally stratified Lake Almind. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 1984, 22, 785-789.	0.1	2
85	Are dissolved free amino acids free?. <i>Microbial Ecology</i> , 1984, 10, 301-316.	2.8	37
86	Diel variation in concentration, assimilation and respiration of dissolved free amino acids in relation to planktonic primary and secondary production in two eutrophic lakes. <i>Hydrobiologia</i> , 1983, 107, 107-122.	2.0	48
87	Heterotrophic Assimilation and Occurrence of Dissolved Free Amino Acids in a Shallow Estuary. <i>Marine Ecology - Progress Series</i> , 1982, 8, 145-159.	1.9	61
88	The Importance of <i>Posidonia oceanica</i> and <i>Cymodocea nodosa</i> as Contributors of Free Amino Acids in Water and Sediment of Seagrass Beds. <i>Marine Ecology</i> , 1981, 2, 97-112.	1.1	31
89	Uptake of glycine and release of primary amines by the polychaete <i>Nereis virens</i> (Sars) and the mud snail <i>Hydrobia neglecta</i> muus. <i>Journal of Experimental Marine Biology and Ecology</i> , 1980, 47, 281-297.	1.5	17
90	Uptake of Amino Acids by Three Species of <i>Nereis</i> (Annelida: Polychaeta). I. Transport Kinetics and Net Uptake from Natural Concentrations. <i>Marine Ecology - Progress Series</i> , 1980, 3, 329-340.	1.9	15

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91	Uptake of Amino Acids by Three Species of Nereis (Annelida: Polychaeta). II. Effects of Anaerobiosis. <i>Marine Ecology - Progress Series</i> , 1980, 3, 341-346.	1.9	10
92	Uptake of L-valine and other amino acids by the polychaete <i>Nereis virens</i> . <i>Marine Biology</i> , 1979, 52, 45-52.	1.5	16
93	Annual variation of dissolved free primary amines in estuarine water and sediment. <i>Oecologia</i> , 1979, 40, 207-217.	2.0	21