

Birgitta Bergman

List of Publications by Year in descending order

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papers

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41323

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docs citations

137
times ranked

6423
citing authors

#	ARTICLE	IF	CITATIONS
1	The Baltic Sea Virome: Diversity and Transcriptional Activity of DNA and RNA Viruses. <i>MSystems</i> , 2017, 2, .	1.7	80
2	Physiological and gene expression responses to nitrogen regimes and temperatures in <i>Mastigocladus</i> sp. strain CHP1, a predominant thermotolerant cyanobacterium of hot springs. <i>Systematic and Applied Microbiology</i> , 2017, 40, 102-113.	1.2	22
3	High abundance and expression of transposases in bacteria from the Baltic Sea. <i>ISME Journal</i> , 2017, 11, 2611-2623.	4.4	66
4	Metaomic analyses of Baltic Sea cyanobacteria: diversity, community structure and salt acclimation. <i>Environmental Microbiology</i> , 2017, 19, 673-686.	1.8	65
5	Diversity and Expression of Bacterial Metacaspases in an Aquatic Ecosystem. <i>Frontiers in Microbiology</i> , 2016, 7, 1043.	1.5	37
6	Distribution and expression of microbial rhodopsins in the Baltic Sea and adjacent waters. <i>Environmental Microbiology</i> , 2016, 18, 4442-4455.	1.8	15
7	Metagenomic Analysis of the Indian Ocean Picocyanobacterial Community: Structure, Potential Function and Evolution. <i>PLoS ONE</i> , 2016, 11, e0155757.	1.1	54
8	Intercellular transfer along the trichomes of the invasive terminal heterocyst forming cyanobacterium <i>Cylindrospermopsis raciborskii</i> CS-505. <i>FEMS Microbiology Letters</i> , 2015, 362, .	0.7	16
9	The cyanobacterium <i>Mastigocladus</i> fulfills the nitrogen demand of a terrestrial hot spring microbial mat. <i>ISME Journal</i> , 2015, 9, 2290-2303.	4.4	52
10	Microbial metagenomics in the Baltic Sea: Recent advancements and prospects for environmental monitoring. <i>Ambio</i> , 2015, 44, 439-450.	2.8	33
11	Local hopping mobile DNA implicated in pseudogene formation and reductive evolution in an obligate cyanobacteria-plant symbiosis. <i>BMC Genomics</i> , 2015, 16, 193.	1.2	20
12	Functional Tradeoffs Underpin Salinity-Driven Divergence in Microbial Community Composition. <i>PLoS ONE</i> , 2014, 9, e89549.	1.1	184
13	<i>Trichodesmium</i> " a widespread marine cyanobacterium with unusual nitrogen fixation properties. <i>FEMS Microbiology Reviews</i> , 2013, 37, 286-302.	3.9	210
14	Cyanobacterial-Plant Symbioses. , 2013, , 359-400.		35
15	Epiphytic cyanobacteria of the seagrass <i>Cymodocea rotundata</i> : diversity, diel <i>nifH</i> expression and nitrogenase activity. <i>Environmental Microbiology Reports</i> , 2013, 5, 367-376.	1.0	25
16	Dinitrogen Fixation Is Restricted to the Terminal Heterocysts in the Invasive Cyanobacterium <i>Cylindrospermopsis raciborskii</i> CS-505. <i>PLoS ONE</i> , 2013, 8, e51682.	1.1	25
17	BMAA Inhibits Nitrogen Fixation in the Cyanobacterium <i>Nostoc</i> sp. PCC 7120. <i>Marine Drugs</i> , 2013, 11, 3091-3108.	2.2	50
18	Insights into the Physiology and Ecology of the Brackish-Water-Adapted Cyanobacterium <i>Nodularia spumigena</i> CCY9414 Based on a Genome-Transcriptome Analysis. <i>PLoS ONE</i> , 2013, 8, e60224.	1.1	95

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19	Multiple Modes of Cell Death Discovered in a Prokaryotic (Cyanobacterial) Endosymbiont. PLoS ONE, 2013, 8, e66147.	1.1	34
20	Diazotrophy in Alluvial Meadows of Subarctic River Systems. PLoS ONE, 2013, 8, e77342.	1.1	9
21	Diazocyte development in the marine diazotrophic cyanobacterium <i>Trichodesmium</i> . Microbiology (United Kingdom), 2012, 158, 345-352.	0.7	30
22	High cyanobacterial <i>nifH</i> gene diversity in Arctic seawater and sea ice brine. Environmental Microbiology Reports, 2012, 4, 360-366.	1.0	67
23	Prokaryotic Caspase Homologs: Phylogenetic Patterns and Functional Characteristics Reveal Considerable Diversity. PLoS ONE, 2012, 7, e49888.	1.1	71
24	Phylogenetic and molecular clock inferences of cyanobacterial strains within Rivulariaceae from distant environments. FEMS Microbiology Letters, 2011, 316, 90-99.	0.7	22
25	Characterization of <i>nifH</i> gene expression, modification and rearrangement in <i>Nodularia spumigena</i> strain AV1. FEMS Microbiology Ecology, 2011, 77, 449-459.	1.3	9
26	Genome fluctuations in cyanobacteria reflect evolutionary, developmental and adaptive traits. BMC Evolutionary Biology, 2011, 11, 187.	3.2	151
27	Comparative proteomic profiles of the marine cyanobacterium <i>Trichodesmium erythraeum</i> IMS101 under different nitrogen regimes. Proteomics, 2011, 11, 406-419.	1.3	34
28	Carbon and nitrogen fluxes associated with the cyanobacterium <i>Aphanizomenon</i> sp. in the Baltic Sea. ISME Journal, 2010, 4, 1215-1223.	4.4	106
29	Transfer of a cyanobacterial neurotoxin within a temperate aquatic ecosystem suggests pathways for human exposure. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9252-9257.	3.3	254
30	Analytical protocol for identification of BMAA and DAB in biological samples. Analyst, The, 2010, 135, 127-132.	1.7	91
31	Genome Erosion in a Nitrogen-Fixing Vertically Transmitted Endosymbiotic Multicellular Cyanobacterium. PLoS ONE, 2010, 5, e11486.	1.1	178
32	Two flavodoxin genes in <i>Trichodesmium</i> (Oscillatoriales, Cyanophyceae): Remarkable sequence divergence and possible functional diversification. Journal of Experimental Marine Biology and Ecology, 2009, 371, 93-101.	0.7	5
33	Improving derivatization efficiency of BMAA utilizing AccQ-Tag® in a complex cyanobacterial matrix. Amino Acids, 2009, 36, 43-48.	1.2	34
34	Temporal separation of cell division and diazotrophy in the marine diazotrophic cyanobacterium <i>Trichodesmium erythraeum</i> IMS101. FEMS Microbiology Letters, 2009, 295, 281-288.	0.7	31
35	Cellular responses in the cyanobacterial symbiont during its vertical transfer between plant generations in the <i>Azolla microphylla</i> symbiosis. New Phytologist, 2009, 181, 53-61.	3.5	69
36	Variability in benthic diazotrophy and cyanobacterial diversity in a tropical intertidal lagoon. FEMS Microbiology Ecology, 2008, 63, 205-221.	1.3	43

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37	Why Does Gunnera Do It and Other Angiosperms Don't? An Evolutionary Perspective on the Gunnera-Nostoc Symbiosis. <i>Microbiology Monographs</i> , 2008, , 207-224.	0.3	8
38	Proteomic analysis of the cyanobacterium of the Azolla symbiosis: identity, adaptation, and NifH modification. <i>Journal of Experimental Botany</i> , 2008, 59, 1023-1034.	2.4	54
39	Structural Characteristics of the Cyanobacterium-Azolla Symbioses. <i>Microbiology Monographs</i> , 2008, , 235-263.	0.3	6
40	Marine diazotrophic cyanobacteria: Out of the blue. <i>Plant Biotechnology</i> , 2008, 25, 221-225.	0.5	10
41	A novel cyanobacterial toxin (BMAA) with potential neurodegenerative effects. <i>Plant Biotechnology</i> , 2008, 25, 227-232.	0.5	15
42	On the origin of plants and relations to contemporary cyanobacterial-plant symbioses. <i>Plant Biotechnology</i> , 2008, 25, 213-220.	0.5	10
43	Exploring Cyanobacterial Mutualisms. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2007, 38, 255-273.	3.8	85
44	FtsZ may have dual roles in the filamentous cyanobacterium <i>Nostoc/Anabaena</i> sp. strain PCC 7120. <i>Journal of Plant Physiology</i> , 2007, 164, 11-18.	1.6	31
45	Proteomic analyses of the photoauto- and diazotrophically grown cyanobacterium <i>Nostoc</i> sp. PCC 73102. <i>Microbiology (United Kingdom)</i> , 2007, 153, 608-618.	0.7	30
46	Epilithic Cyanobacterial Communities of a Marine Tropical Beach Rock (Heron Island, Great Barrier Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.4	62
47	Plant Symbioses with Frankia and Cyanobacteria. , 2007, , 165-178.		5
48	CHARACTERIZATION AND COMPARISON OF PROKARYOTIC EPIPHYTES ASSOCIATED WITH THREE EAST AFRICAN SEAGRASSES¹. <i>Journal of Phycology</i> , 2007, 43, 768-779.	1.0	79
49	Cyanobacterial-Plant Symbioses. , 2006, , 331-363.		13
50	Protein Expression Profiles in an Endosymbiotic Cyanobacterium Revealed by a Proteomic Approach. <i>Molecular Plant-Microbe Interactions</i> , 2006, 19, 1251-1261.	1.4	37
51	UNICELLULAR CYANOBIONTS IN OPEN OCEAN DINOFLAGELLATES, RADIOLARIANS, AND TINTINNIDS: ULTRASTRUCTURAL CHARACTERIZATION AND IMMUNO-LOCALIZATION OF PHYCOERYTHRIN AND NITROGENASE1. <i>Journal of Phycology</i> , 2006, 42, 453-463.	1.0	80
52	Cyanobacterial chemotaxis to extracts of host and nonhost plants. <i>FEMS Microbiology Ecology</i> , 2006, 55, 382-390.	1.3	66
53	Phosphorus-limited growth dynamics in two Baltic Sea cyanobacteria, <i>Nodularia</i> sp. and <i>Aphanizomenon</i> sp.. <i>FEMS Microbiology Ecology</i> , 2006, 58, 323-332.	1.3	64
54	Competition among symbiotic cyanobacterial <i>Nostoc</i> strains forming artificial associations with rice (<i>Oryza sativa</i>). <i>FEMS Microbiology Letters</i> , 2005, 245, 139-144.	0.7	44

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55	Root-based N ₂ -fixing symbioses: Legumes, actinorhizal plants, Parasponia sp. and cycads. Plant and Soil, 2005, 266, 205-230.	1.8	65
56	Root-based N ₂ -fixing Symbioses: Legumes, Actinorhizal Plants, Parasponia sp. and Cycads. Plant and Soil, 2005, 274, 51-78.	1.8	85
57	Unveiling of Novel Radiations within Trichodesmium Cluster by hetR Gene Sequence Analysis. Applied and Environmental Microbiology, 2005, 71, 190-196.	1.4	37
58	Diverse taxa of cyanobacteria produce \hat{A} -N-methylamino-L-alanine, a neurotoxic amino acid. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5074-5078.	3.3	610
59	Root-based N ₂ -fixing symbioses: Legumes, actinorhizal plants, Parasponia sp. and cycads. Plant Ecophysiology, 2005, , 51-78.	1.5	24
60	N ₂ Fixation by Unicellular Bacterioplankton from the Atlantic and Pacific Oceans: Phylogeny and In Situ Rates. Applied and Environmental Microbiology, 2004, 70, 765-770.	1.4	163
61	ULTRASTRUCTURE OF UNICELLULAR N ₂ FIXING CYANOBACTERIA FROM THE TROPICAL NORTH ATLANTIC AND SUBTROPICAL NORTH PACIFIC OCEANS. Journal of Phycology, 2004, 40, 1074-1078.	1.0	16
62	Mutagenesis of the cysteine residues in the transcription factor NtcA from Anabaena PCC 7120 and its effects on DNA binding in vitro. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2004, 1679, 156-163.	2.4	6
63	Expression of Cyanobacterial Genes Involved in Heterocyst Differentiation and Dinitrogen Fixation Along a Plant Symbiosis Development Profile. Molecular Plant-Microbe Interactions, 2004, 17, 436-443.	1.4	35
64	Cloning and expression of a putative cyclodextrin glucosyltransferase from the symbiotically competent cyanobacterium Nostoc sp. PCC 9229. FEMS Microbiology Letters, 2003, 219, 181-185.	0.7	9
65	REEVALUATION OF THE NITROGEN FIXATION BEHAVIOR IN THE MARINE NON- \hat{A} HETEROCYSTOUS CYANOBACTERIUM <i>LYNGBYA MAJUSCULA</i> . Journal of Phycology, 2003, 39, 310-314.	1.0	28
66	BASIC: Baltic Sea cyanobacteria. An investigation of the structure and dynamics of water blooms of cyanobacteria in the Baltic Sea—responses to a changing environment. Continental Shelf Research, 2003, 23, 1695-1714.	0.9	259
67	Evidence for production of the phytohormone indole-3-acetic acid by cyanobacteria. Planta, 2002, 215, 229-238.	1.6	203
68	Arabinogalactan proteins are expressed at the symbiotic interface in root nodules of Alnus spp.. New Phytologist, 2002, 155, 469-479.	3.5	28
69	High cyanobacterial diversity in coralloid roots of cycads revealed by PCR fingerprinting. FEMS Microbiology Ecology, 2002, 40, 215-222.	1.3	57
70	Trichodesmium in coastal waters of Tanzania: diversity, seasonality, nitrogen and carbon fixation. Hydrobiologia, 2002, 477, 1-13.	1.0	60
71	The Nostoc-Gunnera Symbiosis. , 2002, , 207-232.		4
72	Segregation of Nitrogen Fixation and Oxygenic Photosynthesis in the Marine Cyanobacterium Trichodesmium. Science, 2001, 294, 1534-1537.	6.0	348

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73	KATAGNYMENE: CHARACTERIZATION OF A NOVEL MARINE DIAZOTROPH. <i>Journal of Phycology</i> , 2001, 37, 1052-1062.	1.0	44
74	Cyanobacterial diversity in geographically related and distant host plants of the genus <i>Gunnera</i> . <i>Archives of Microbiology</i> , 2000, 173, 97-102.	1.0	60
75	Examination of the transcription factor NtcA-binding motif by in vitro selection of DNA sequences from a random library 1 Edited by K. Nayai. <i>Journal of Molecular Biology</i> , 2000, 301, 783-793.	2.0	39
76	Genetic analysis of natural populations of the marine diazotrophic cyanobacterium <i>Trichodesmium</i> . <i>FEMS Microbiology Ecology</i> , 1999, 30, 57-65.	1.3	54
77	Expression and Purification of the Transcription Factor NtcA from the Cyanobacterium <i>Anabaena</i> PCC 7120. <i>Protein Expression and Purification</i> , 1999, 17, 351-357.	0.6	11
78	Genetic analysis of natural populations of the marine diazotrophic cyanobacterium <i>Trichodesmium</i> . <i>FEMS Microbiology Ecology</i> , 1999, 30, 57-65.	1.3	2
79	Aerobic nitrogen fixation is confined to a subset of cells in the non-heterocystous cyanobacterium <i>Symploca</i> PCC 8002. <i>New Phytologist</i> , 1998, 140, 531-538.	3.5	8
80	The presence and expression of hetR in the non-heterocystous cyanobacterium <i>Symploca</i> PCC 8002. <i>FEMS Microbiology Letters</i> , 1998, 168, 173-179.	0.7	34
81	Aerobic nitrogen fixation is confined to a subset of cells in the non-heterocystous cyanobacterium <i>Symploca</i> PCC 8002. <i>New Phytologist</i> , 1998, 140, 531-538.	3.5	18
82	Whole-Cell Immunolocalization of Nitrogenase in Marine Diazotrophic Cyanobacteria, <i>Trichodesmium</i> spp. <i>Applied and Environmental Microbiology</i> , 1998, 64, 3052-3058.	1.4	94
83	The presence and expression of hetR in the non-heterocystous cyanobacterium <i>Symploca</i> PCC 8002. <i>FEMS Microbiology Letters</i> , 1998, 168, 173-179.	0.7	2
84	Evidence for redox regulation of the transcription factor NtcA, acting both as an activator and a repressor, in the cyanobacterium <i>Anabaena</i> PCC 7120. <i>Biochemical Journal</i> , 1997, 327, 513-517.	1.7	55
85	<i>Trichodesmium</i> , a Globally Significant Marine Cyanobacterium. <i>Science</i> , 1997, 276, 1221-1229.	6.0	1,195
86	Chemical signalling in cyanobacterial-plant symbioses. <i>Trends in Plant Science</i> , 1996, 1, 191-197.	4.3	103
87	A molecular characterization of the <i>Gunnera</i> - <i>Nostoc</i> symbiosis: comparison with <i>Rhizobium</i> - and <i>Agrobacterium</i> - plant interactions. <i>New Phytologist</i> , 1996, 133, 391-398.	3.5	45
88	Isolation of nifH and part of nifD by modified capture polymerase chain reaction from a natural population of the marine cyanobacterium <i>Trichodesmium</i> sp.. <i>FEMS Microbiology Letters</i> , 1996, 136, 137-145.	0.7	15
89	CYTOMORPHOLOGICAL CHARACTERIZATION OF THE PLANKTONIC DIAZOTROPHIC CYANOBACTERIA TRICHODESMIUM SPP. FROM THE INDIAN OCEAN AND CARIBBEAN AND SARGASSO SEAS1. <i>Journal of Phycology</i> , 1995, 31, 463-477.	1.0	56
90	Cloning, Sequencing, and Regulation of the Glutathione Reductase Gene from the Cyanobacterium <i>Anabaena</i> PCC 7120. <i>Journal of Biological Chemistry</i> , 1995, 270, 22882-22889.	1.6	47

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91	Immunolabelling of phycoerythrin, ribulose 1,5-bisphosphate carboxylase/oxygenase and nitrogenase in the unicellular cyanobionts of <i>Ornithocercus</i> spp. (Dinophyceae). <i>Phycologia</i> , 1995, 34, 171-176.	0.6	15
92	Compartmentalisation of nitrogenase in a non-heterocystous cyanobacterium: <i>Trichodesmium contortum</i> . <i>FEMS Microbiology Letters</i> , 1994, 118, 9-14.	0.7	51
93	Correlation between immuno-gold labels and activities of the cytochrome-c oxidase (aa3-type) in membranes of salt stressed cyanobacteria. <i>FEMS Microbiology Letters</i> , 1994, 124, 431-437.	0.7	49
94	Reconstitution of the symbiosis of <i>Gunnera manicata</i> Linden: cyanobacterial specificity. <i>New Phytologist</i> , 1994, 126, 643-652.	3.5	76
95	BUIYANCY REGULATION IN THE COLONIAL DIAZOTROPHIC CYANOBACTERIUM <i>TRICHODESMIUM TENUE</i> : ULTRASTRUCTURE AND STORAGE OF CARBOHYDRATE, POLYPHOSPHATE, AND NITROGEN1. <i>Journal of Phycology</i> , 1994, 30, 935-942.	1.0	69
96	Fine structure and immunolocalisation of proteins in <i>Aphanizomenon</i> sp. from the Baltic Sea. <i>European Journal of Phycology</i> , 1994, 29, 203-211.	0.9	30
97	Correlation between immuno-gold labels and activities of the cytochrome-c oxidase (aa3-type) in membranes of salt stressed cyanobacteria. <i>FEMS Microbiology Letters</i> , 1994, 124, 431-437.	0.7	7
98	A novel genome rearrangement involved in heterocyst differentiation of the cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>FEMS Microbiology Letters</i> , 1994, 116, 201-207.	0.7	3
99	Compartmentalisation of nitrogenase in a non-heterocystous cyanobacterium: <i>Trichodesmium contortum</i> . <i>FEMS Microbiology Letters</i> , 1994, 118, 9-14.	0.7	2
100	The <i>Nostoc-Gunnera</i> symbiosis: carbon fixation and translocation. <i>Physiologia Plantarum</i> , 1993, 89, 125-132.	2.6	38
101	The marine lichen <i>Lichina confinis</i> (O. F. MÅ¼4ll.) C. Ag.: ultrastructure and localization of nitrogenase, glutamine synthetase, phycoerythrin and ribulose 1, 5â€bisphosphate carboxylase/oxygenase in the cyanobiont. <i>New Phytologist</i> , 1993, 124, 149-160.	3.5	23
102	The <i>Nostoc-Gunnera</i> symbiosis: carbon fixation and translocation. <i>Physiologia Plantarum</i> , 1993, 89, 125-132.	2.6	3
103	<i>Trichodesmium</i> : Ultrastructure and Protein Localization. , 1992, , 9-28.		19
104	Early events during the establishment of the <i>Gunnera/Nostoc</i> symbiosis. <i>Planta</i> , 1992, 188, 403-13.	1.6	68
105	The <i>Nostoc-Gunnera magellanica</i> symbiosis: Phycobiliproteins, carboxysomes and Rubisco in the cyanobiont. <i>Physiologia Plantarum</i> , 1992, 84, 425-432.	2.6	23
106	Ultrastructural and chemical assessment of poly-ÅŽÂ²-hydroxybutyric acid in the marine cyanobacterium <i>Trichodesmium thiebautii</i> . <i>FEMS Microbiology Letters</i> , 1992, 94, 143-148.	0.7	4
107	ULTRASTRUCTURE AND IMMUNOLocalIZATION OF PHYCOBILIPROTEINS AND RIBULOSE 1,5-BISPHOSPHATE CARBOXYLASE/OXYGENASE IN THE MARINE CYANOBACTERIUM <i>TRICHODESMIUM THIEBAUTII</i> 1. <i>Journal of Phycology</i> , 1992, 28, 320-327.	1.0	30
108	NITROGENASE CONFINED TO RANDOMLY DISTRIBUTED TRICHOMES IN THE MARINE CYANOBACTERIUM <i>TRICHODESMIUM THIEBAUTII</i> 1. <i>Journal of Phycology</i> , 1991, 27, 158-165.	1.0	89

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109	Localization of a multifunctional chaperonin (GroEL protein) in nitrogen-fixing <i>Anabaena</i> PCC 7120. <i>Planta</i> , 1991, 183, 120-125.	1.6	31
110	The <i>Nostoc-Gunnera</i> Magellanica Symbiosis: Developmental Patterns Related to Nitrogen Fixation. , 1991, , 569-570.		0
111	Glycolate metabolism in cyanobacteria. IV. Uptake, growth and metabolic pathways. <i>Physiologia Plantarum</i> , 1990, 78, 285-292.	2.6	7
112	Correlation between nitrogenase and glutamine synthetase expression in the cyanobacterium <i>Anabaena cylindrica</i> . <i>Physiologia Plantarum</i> , 1990, 80, 12-19.	2.6	15
113	Nitrogenase in <i>Frankia</i> from root nodules of <i>Alnus incana</i> (L.) Moench: immunolocalization of the Fe- and Mo-Fe-proteins during vesicle differentiation. <i>New Phytologist</i> , 1990, 116, 443-455.	3.5	61
114	Developmental patterns related to nitrogen fixation in the <i>Nostoc-Gunnera</i> magellanica Lam. symbiosis. <i>Planta</i> , 1990, 182, 355-362.	1.6	39
115	The <i>Gunnera</i> symbiosis: DNA restriction fragment length polymorphism and protein comparisons of <i>Nostoc</i> symbionts. <i>Microbial Ecology</i> , 1990, 19, 291-302.	1.4	26
116	Immunological characterization of nitrogenase in the filamentous non-heterocystous cyanobacterium <i>Oscillatoria limosa</i> . <i>Planta</i> , 1990, 182, 287-91.	1.6	45
117	Correlation between nitrogenase and glutamine synthetase expression in the cyanobacterium <i>Anabaena cylindrica</i> . <i>Physiologia Plantarum</i> , 1990, 80, 12-19.	2.6	14
118	Occurrence and Localization of Phycoerythrin in Symbiotic <i>Nostoc</i> of <i>Cycas revoluta</i> and in the Free-Living Isolated <i>Nostoc</i> 7422. <i>Plant Physiology</i> , 1989, 89, 783-785.	2.3	15
119	Comparison of DNA restriction fragment length polymorphisms of <i>Nostoc</i> strains in and from cycads. <i>Archives of Microbiology</i> , 1989, 152, 20-24.	1.0	48
120	Calmodulin in heterocystous cyanobacteria: biochemical and immunological evidence. <i>FEMS Microbiology Letters</i> , 1989, 60, 95-100.	0.7	22
121	The <i>Nostoc-Nephroma</i> symbiosis: localization, distribution pattern and levels of key proteins involved in nitrogen and carbon metabolism of the cyanobiont. <i>Physiologia Plantarum</i> , 1989, 77, 216-224.	2.6	34
122	Effects of aluminium on ATP pools and utilization in the cyanobacterium <i>Anabaena cylindrica</i> : a model for the in vivo toxicity. <i>Physiologia Plantarum</i> , 1989, 76, 527-534.	2.6	25
123	Glycolate metabolism in cyanobacteria. I. Glycolate excretion and phosphoglycolate phosphatase activity. <i>Physiologia Plantarum</i> , 1989, 75, 137-143.	2.6	30
124	Glycolate metabolism in cyanobacteria. II. Evidence for a mediated transport of glycolate in <i>Anabaena</i> 7120. <i>Physiologia Plantarum</i> , 1989, 75, 144-150.	2.6	8
125	Dinitrogenase reductase (Fe-protein) of nitrogenase in the cyanobacterial symbionts of three <i>Azolla</i> species: Localization and sequence of appearance during heterocyst differentiation. <i>Planta</i> , 1988, 176, 319-322.	1.6	59
126	Aluminum Effects on Uptake and Metabolism of Phosphorus by the Cyanobacterium <i>Anabaena cylindrica</i> . <i>Plant Physiology</i> , 1988, 86, 112-116.	2.3	57

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127	Nitrogenase in free-living and symbiotic cyanobacteria: Immunoelectron microscopic localization. FEMS Microbiology Letters, 1986, 35, 75-78.	0.7	49
128	Modification of NO ₃ metabolism in heterocysts of the N ₂ -fixing cyanobacterium <i>Anabaena</i> 7120 (ATCC27893). FEMS Microbiology Letters, 1986, 36, 133-137.	0.7	1
129	Physiological and structural responses of the cyanobacterium <i>Anabaena cylindrica</i> to aluminium. <i>Physiologia Plantarum</i> , 1985, 63, 153-158.	2.6	55
130	Effects of inorganic nitrogen on C ₂ H ₂ reduction and CO ₂ exchange in the <i>Peltigera praetextata</i> - <i>Nostoc</i> and <i>Peltigera aphthosa</i> - <i>Coccomyxa</i> - <i>Nostoc</i> symbioses. <i>Planta</i> , 1983, 157, 441-445.	1.6	19
131	Ultrastructure of <i>Stigonema</i> in the <i>Cephalodia</i> of <i>Stereocaulon Paschale</i> . <i>Lichenologist</i> , 1983, 15, 181-190.	0.5	5
132	<i>Nostoc</i> of <i>Peltigera canina</i> when lichenized and isolated. <i>Canadian Journal of Botany</i> , 1982, 60, 2092-2098.	1.2	30
133	ULTRASTRUCTURAL CHANGES OF <i>NOSTOC</i> OF <i>PELTIGERA CANINA</i> IN PRESENCE OF SO ₂ . <i>New Phytologist</i> , 1982, 92, 573-579.	3.5	17
134	Glyoxylate decreases the oxygen sensitivity of nitrogenase activity and photosynthesis in the cyanobacterium <i>Anabaena cylindrica</i> . <i>Planta</i> , 1981, 152, 302-306.	1.6	20
135	The ultrastructure of <i>Anabaena azollae</i> in <i>Azolla pinnata</i> . <i>Physiologia Plantarum</i> , 1981, 51, 69-76.	2.6	22
136	Influence of certain herbicides and a forest fertilizer on the nitrogen fixation by the lichen <i>Peltigera praetextata</i> . <i>Oecologia</i> , 1979, 40, 19-27.	0.9	21
137	Dissection of Microbial Community Functions during a Cyanobacterial Bloom in the Baltic Sea via Metatranscriptomics. <i>Frontiers in Marine Science</i> , 0, 5, .	1.2	57