

Antonia Herrero

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7694205/publications.pdf>

Version: 2024-02-01

127
papers

8,016
citations

36203

51
h-index

56606

83
g-index

129
all docs

129
docs citations

129
times ranked

3275
citing authors

#	ARTICLE	IF	CITATIONS
1	Coexistence of Communicating and Noncommunicating Cells in the Filamentous Cyanobacterium <i>Anabaena</i> . <i>MSphere</i> , 2021, 6, .	1.3	11
2	Robust, coherent, and synchronized circadian clock-controlled oscillations along <i>Anabaena</i> filaments. <i>ELife</i> , 2021, 10, .	2.8	14
3	Role of a cryptic tRNA gene operon in survival under translational stress. <i>Nucleic Acids Research</i> , 2021, 49, 8757-8776.	6.5	8
4	The developmental regulator <i>PatD</i> modulates assembly of the cell division protein <i>FtsZ</i> in the cyanobacterium <i>Anabaena</i> sp. <i>PCC</i> 7120. <i>Environmental Microbiology</i> , 2021, 23, 4823-4837.	1.8	8
5	A novel septal protein of multicellular heterocystous cyanobacteria is associated with the divisome. <i>Molecular Microbiology</i> , 2020, 113, 1140-1154.	1.2	22
6	Interactions of <i>PatA</i> with the Divisome during Heterocyst Differentiation in <i>Anabaena</i> . <i>MSphere</i> , 2020, 5, .	1.3	12
7	The Inorganic Nutrient Regime and the <i>mre</i> Genes Regulate Cell and Filament Size and Morphology in the Phototrophic Multicellular Bacterium <i>Anabaena</i> . <i>MSphere</i> , 2020, 5, .	1.3	8
8	Genetic responses to carbon and nitrogen availability in <i>Anabaena</i> . <i>Environmental Microbiology</i> , 2019, 21, 1-17.	1.8	75
9	Nitrogen Assimilation in Bacteria. , 2019, , .		6
10	<i>ZipN</i> is an essential <i>FtsZ</i> membrane tether and contributes to the septal localization of <i>Sepl</i> in the filamentous cyanobacterium <i>Anabaena</i> . <i>Scientific Reports</i> , 2019, 9, 2744.	1.6	20
11	Catabolic pathway of arginine in <i>Anabaena</i> involves a novel bifunctional enzyme that produces proline from arginine. <i>Molecular Microbiology</i> , 2019, 111, 883-897.	1.2	19
12	Transcriptional regulation of development in heterocyst-forming cyanobacteria. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 673-684.	0.9	75
13	<i>FtsZ</i> of Filamentous, Heterocyst-Forming Cyanobacteria Has a Conserved N-Terminal Peptide Required for Normal <i>FtsZ</i> Polymerization and Cell Division. <i>Frontiers in Microbiology</i> , 2018, 9, 2260.	1.5	24
14	Overexpression of <i>Sepl</i> alters septal morphology and heterocyst pattern regulated by diffusible signals in <i>Anabaena</i> . <i>Molecular Microbiology</i> , 2016, 101, 968-981.	1.2	27
15	The multicellular nature of filamentous heterocyst-forming cyanobacteria. <i>FEMS Microbiology Reviews</i> , 2016, 40, 831-854.	3.9	215
16	The heterocyst differentiation transcriptional regulator <i>HetR</i> of the filamentous cyanobacterium <i>Anabaena</i> forms tetramers and can be regulated by phosphorylation. <i>Molecular Microbiology</i> , 2016, 99, 808-819.	1.2	29
17	Septal Junctions in Filamentous Heterocyst-Forming Cyanobacteria. <i>Trends in Microbiology</i> , 2016, 24, 79-82.	3.5	48
18	Amino Acid Transporters and Release of Hydrophobic Amino Acids in the Heterocyst-Forming Cyanobacterium <i>Anabaena</i> sp. Strain <i>PCC</i> 7120. <i>Life</i> , 2015, 5, 1282-1300.	1.1	20

#	ARTICLE	IF	CITATIONS
19	The <i>LysR</i> -type transcription factor <i>PacR</i> is a global regulator of photosynthetic carbon assimilation in <i>Anabaena</i> . <i>Environmental Microbiology</i> , 2015, 17, 3341-3351.	1.8	16
20	Division-dependent subcellular localization of cell-cell joining protein <i>Sej</i> in the filamentous cyanobacterium <i>Anabaena</i> . <i>Molecular Microbiology</i> , 2015, 96, 566-580.	1.2	43
21	Spatial Fluctuations in Expression of the Heterocyst Differentiation Regulatory Gene <i>hetR</i> in <i>Anabaena</i> Filaments. <i>PLoS Genetics</i> , 2015, 11, e1005031.	1.5	27
22	Intercellular Diffusion of a Fluorescent Sucrose Analog via the Septal Junctions in a Filamentous Cyanobacterium. <i>MBio</i> , 2015, 6, e02109.	1.8	90
23	Relationships between the ABC-Exporter <i>HetC</i> and Peptides that Regulate the Spatiotemporal Pattern of Heterocyst Distribution in <i>Anabaena</i> . <i>PLoS ONE</i> , 2014, 9, e104571.	1.1	28
24	Effects of <i>PipX</i> on <i>NtcA</i> -dependent promoters and characterization of the <i>cox3</i> promoter region in the heterocyst-forming cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>FEBS Letters</i> , 2014, 588, 1787-1794.	1.3	8
25	ChIP analysis unravels an exceptionally wide distribution of DNA binding sites for the <i>NtcA</i> transcription factor in a heterocyst-forming cyanobacterium. <i>BMC Genomics</i> , 2014, 15, 22.	1.2	69
26	Subcellular Localization and Clues for the Function of the <i>HetN</i> Factor Influencing Heterocyst Distribution in <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2014, 196, 3452-3460.	1.0	33
27	Compartmentalized cyanophycin metabolism in the diazotrophic filaments of a heterocyst-forming cyanobacterium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3823-3828.	3.3	87
28	The cyanobacteria: morphological diversity in a photoautotrophic lifestyle. <i>Perspectives in Phycology</i> , 2014, 1, 63-72.	1.9	16
29	Cluster of Genes That Encode Positive and Negative Elements Influencing Filament Length in a Heterocyst-Forming Cyanobacterium. <i>Journal of Bacteriology</i> , 2013, 195, 3957-3966.	1.0	17
30	Gene Expression during Heterocyst Differentiation. <i>Advances in Botanical Research</i> , 2013, , 281-329.	0.5	44
31	Functional dissection and evidence for intercellular transfer of the heterocyst differentiation <i>PatS</i> morphogen. <i>Molecular Microbiology</i> , 2013, 88, 1093-1105.	1.2	56
32	A Major Facilitator Superfamily Protein, <i>HepP</i> , Is Involved in Formation of the Heterocyst Envelope Polysaccharide in the Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2012, 194, 4677-4687.	1.0	18
33	Transcription Activation by <i>NtcA</i> in the Absence of Consensus <i>NtcA</i> -Binding Sites in an <i>Anabaena</i> Heterocyst Differentiation Gene Promoter. <i>Journal of Bacteriology</i> , 2012, 194, 2939-2948.	1.0	24
34	N and C control of ABC-type bicarbonate transporter <i>Cmp</i> and its <i>LysR</i> -type transcriptional regulator <i>CmpR</i> in a heterocyst-forming cyanobacterium, <i>Anabaena</i> sp.. <i>Environmental Microbiology</i> , 2012, 14, 1035-1048.	1.8	25
35	Functional dissection of the three-domain <i>Sej</i> protein joining the cells in cyanobacterial trichomes. <i>Molecular Microbiology</i> , 2011, 79, 1077-1088.	1.2	46
36	<i>FraC</i> / <i>FraD</i> -dependent intercellular molecular exchange in the filaments of a heterocyst-forming cyanobacterium, <i>Anabaena</i> sp.. <i>Molecular Microbiology</i> , 2011, 82, 87-98.	1.2	68

#	ARTICLE	IF	CITATIONS
37	FraH Is Required for Reorganization of Intracellular Membranes during Heterocyst Differentiation in <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2011, 193, 6815-6823.	1.0	11
38	Specific Role of the Cyanobacterial PipX Factor in the Heterocysts of <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2011, 193, 1172-1182.	1.0	52
39	Fra proteins influencing filament integrity, diazotrophy and localization of septal protein SepJ in the heterocyst-forming cyanobacterium <i>Anabaena</i> sp.. <i>Molecular Microbiology</i> , 2010, 75, 1159-1170.	1.2	87
40	Compartmentalized function through cell differentiation in filamentous cyanobacteria. <i>Nature Reviews Microbiology</i> , 2010, 8, 39-50.	13.6	369
41	A TRAP Transporter for Pyruvate and Other Monocarboxylate 2-Oxoacids in the Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2010, 192, 6089-6092.	1.0	15
42	Catabolic Function of Compartmentalized Alanine Dehydrogenase in the Heterocyst-Forming Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2010, 192, 5165-5172.	1.0	41
43	Inactivation of a Heterocyst-Specific Invertase Indicates a Principal Role of Sucrose Catabolism in Heterocysts of <i>Anabaena</i> sp. <i>Journal of Bacteriology</i> , 2010, 192, 5526-5533.	1.0	60
44	Laboratory Assessment of <i>Nostoc</i> (Cyanobacteria) Effects on N ₂ Fixation and Chemical Fertility of Degraded African Soils. <i>Communications in Soil Science and Plant Analysis</i> , 2009, 40, 1295-1321.	0.6	4
45	NtcA-Regulated Heterocyst Differentiation Genes <i>hetC</i> and <i>devB</i> from <i>Anabaena</i> sp. Strain PCC 7120 Exhibit a Similar Tandem Promoter Arrangement. <i>Journal of Bacteriology</i> , 2009, 191, 5765-5774.	1.0	20
46	Expression and Mutational Analysis of the <i>glnB</i> Genomic Region in the Heterocyst-Forming Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2009, 191, 2353-2361.	1.0	16
47	The outer membrane of a heterocyst-forming cyanobacterium is a permeability barrier for uptake of metabolites that are exchanged between cells. <i>Molecular Microbiology</i> , 2009, 74, 58-70.	1.2	51
48	Mechanism of intercellular molecular exchange in heterocyst-forming cyanobacteria. <i>EMBO Journal</i> , 2008, 27, 1299-1308.	3.5	145
49	ABC-type amino acid uptake transporters Bgt and N ^{ac} H of <i>Anabaena</i> sp. strain PCC 7120 share an ATPase subunit and are expressed in vegetative cells and heterocysts. <i>Molecular Microbiology</i> , 2008, 67, 1067-1080.	1.2	58
50	Role of Two NtcA-Binding Sites in the Complex <i>ntcA</i> Gene Promoter of the Heterocyst-Forming Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2008, 190, 7584-7590.	1.0	15
51	Transcription Activation by NtcA and 2-Oxoglutarate of Three Genes Involved in Heterocyst Differentiation in the Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2008, 190, 6126-6133.	1.0	63
52	The <i>amt</i> Gene Cluster of the Heterocyst-Forming Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2008, 190, 6534-6539.	1.0	20
53	Septum-Localized Protein Required for Filament Integrity and Diazotrophy in the Heterocyst-Forming Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2007, 189, 3884-3890.	1.0	96
54	The NtcA-Regulated <i>amtB</i> Gene Is Necessary for Full Methylammonium Uptake Activity in the Cyanobacterium <i>Synechococcus elongatus</i> . <i>Journal of Bacteriology</i> , 2007, 189, 7791-7798.	1.0	19

#	ARTICLE	IF	CITATIONS
55	Heterocyst Development and Diazotrophic Metabolism in Terminal Respiratory Oxidase Mutants of the Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2007, 189, 4425-4430.	1.0	69
56	Continuous periplasm in a filamentous, heterocyst-forming cyanobacterium. <i>Molecular Microbiology</i> , 2007, 65, 1139-1145.	1.2	90
57	Is the periplasm continuous in filamentous multicellular cyanobacteria?. <i>Trends in Microbiology</i> , 2006, 14, 439-443.	3.5	106
58	Localized Induction of the <i>ntcA</i> Regulatory Gene in Developing Heterocysts of <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2006, 188, 6694-6699.	1.0	80
59	Nitrogen assimilation and nitrogen control in cyanobacteria. <i>Biochemical Society Transactions</i> , 2005, 33, 164-167.	1.6	261
60	ABC-type neutral amino acid permease N-I is required for optimal diazotrophic growth and is repressed in the heterocysts of <i>Anabaena</i> sp. strain PCC 7120. <i>Molecular Microbiology</i> , 2005, 57, 1582-1592.	1.2	49
61	Photosynthetic nitrate assimilation in cyanobacteria. <i>Photosynthesis Research</i> , 2005, 83, 117-133.	1.6	203
62	HetR-Dependent and -Independent Expression of Heterocyst-Related Genes in an <i>Anabaena</i> Strain Overproducing the NtcA Transcription Factor. <i>Journal of Bacteriology</i> , 2005, 187, 1985-1991.	1.0	42
63	The NtcA-Dependent P1 Promoter Is Utilized for <i>glnA</i> Expression in N ₂ -Fixing Heterocysts of <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2004, 186, 7337-7343.	1.0	50
64	Nitrogen-regulated Genes for the Metabolism of Cyanophycin, a Bacterial Nitrogen Reserve Polymer. <i>Journal of Biological Chemistry</i> , 2004, 279, 11582-11592.	1.6	65
65	New targets of the PII signal transduction protein identified in cyanobacteria. <i>Molecular Microbiology</i> , 2004, 52, 1225-1228.	1.2	12
66	In vivo activity of the nitrogen control transcription factor NtcA is subjected to metabolic regulation in <i>Synechococcus</i> sp. strain PCC 7942. <i>FEMS Microbiology Letters</i> , 2004, 236, 47-52.	0.7	29
67	Cellular differentiation and the NtcA transcription factor in filamentous cyanobacteria. <i>FEMS Microbiology Reviews</i> , 2004, 28, 469-487.	3.9	186
68	Complex formation between ferredoxin and <i>Synechococcus</i> ferredoxin:nitrate oxidoreductase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2004, 1608, 155-162.	0.5	23
69	Tuning a Nitrate Reductase for Function. <i>Journal of Biological Chemistry</i> , 2004, 279, 32212-32218.	1.6	73
70	In vivo activity of the nitrogen control transcription factor NtcA is subjected to metabolic regulation in <i>Synechococcus</i> sp. strain PCC 7942. <i>FEMS Microbiology Letters</i> , 2004, 236, 47-52.	0.7	14
71	Carbon supply and 2-oxoglutarate effects on expression of nitrate reductase and nitrogen-regulated genes in <i>Synechococcus</i> sp. strain PCC 7942. <i>FEMS Microbiology Letters</i> , 2003, 221, 155-159.	0.7	41
72	Cytochrome c oxidase genes required for nitrogenase activity and diazotrophic growth in <i>Anabaena</i> sp. PCC 7120. <i>Molecular Microbiology</i> , 2003, 47, 1239-1249.	1.2	100

#	ARTICLE	IF	CITATIONS
73	Transcriptional effects of the signal transduction protein PII(glnB gene product) on NtcA-dependent genes in <i>Synechococcus</i> sp. PCC 7942. <i>FEBS Letters</i> , 2003, 543, 42-46.	1.3	52
74	Open Reading Frame all0601 from <i>Anabaena</i> sp. Strain PCC 7120 Represents a Novel Gene, <i>cnaT</i> , Required for Expression of the Nitrate Assimilation <i>nir</i> Operon. <i>Journal of Bacteriology</i> , 2003, 185, 5037-5044.	1.0	19
75	2-Oxoglutarate increases the binding affinity of the NtcA (nitrogen control) transcription factor for the <i>Synechococcus</i> <i>glnA</i> promoter. <i>FEBS Letters</i> , 2002, 512, 71-74.	1.3	167
76	Analysis of binding sites for the nitrogen-control transcription factor NtcA in the promoters of <i>Synechococcus</i> nitrogen-regulated genes. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002, 1578, 95-98.	2.4	24
77	An ABC-type, high-affinity urea permease identified in cyanobacteria. <i>Molecular Microbiology</i> , 2002, 43, 703-715.	1.2	141
78	Mutual dependence of the expression of the cell differentiation regulatory protein HetR and the global nitrogen regulator NtcA during heterocyst development. <i>Molecular Microbiology</i> , 2002, 44, 1377-1385.	1.2	140
79	Expression of the glutamyl-tRNA synthetase gene from the cyanobacterium <i>Synechococcus</i> sp. PCC 7942 depends on nitrogen availability and the global regulator NtcA. <i>Molecular Microbiology</i> , 2002, 46, 1157-1167.	1.2	16
80	Enzyme-catalysed nitrate reduction—themes and variations as revealed by protein film voltammetry. <i>Bioelectrochemistry</i> , 2002, 56, 17-18.	2.4	10
81	Purification, cofactor analysis, and site-directed mutagenesis of <i>Synechococcus</i> ferredoxin-nitrate reductase. <i>Photosynthesis Research</i> , 2002, 72, 13-26.	1.6	31
82	The NtcA-activated <i>amt1</i> gene encodes a permease required for uptake of low concentrations of ammonium in the cyanobacterium <i>Synechococcus</i> sp. PCC 7942 The GenBank accession number for the nucleotide sequence of the <i>amt1</i> gene described in this paper is AJ311900.. <i>Microbiology (United Kingdom)</i> 147:38-44 (2001)	0.7	38
83	Identification of Genes Encoding Amino Acid Permeases by Inactivation of Selected ORFs from the <i>Synechocystis</i> Genomic Sequence. <i>Genome Research</i> , 2001, 11, 2034-2040.	2.4	61
84	Nitrogen-Regulated Group 2 Sigma Factor from <i>Synechocystis</i> sp. Strain PCC 6803 Involved in Survival under Nitrogen Stress. <i>Journal of Bacteriology</i> , 2001, 183, 1090-1095.	1.0	88
85	Nitrogen Control in Cyanobacteria. <i>Journal of Bacteriology</i> , 2001, 183, 411-425.	1.0	616
86	The <i>coxBAC</i> Operon Encodes a Cytochrome c Oxidase Required for Heterotrophic Growth in the Cyanobacterium <i>Anabaena variabilis</i> Strain ATCC 29413. <i>Journal of Bacteriology</i> , 2001, 183, 6429-6434.	1.0	32
87	Activation of the <i>Anabaena nir</i> operon promoter requires both NtcA (CAP family) and NtcB (LysR) <i>Journal of Bacteriology</i> 183:1074-1081 (2001)	1.2	58
88	Phosphorylation of the signal transducer PII protein and an additional effector are required for the PII-mediated regulation of nitrate and nitrite uptake in the cyanobacterium <i>Synechococcus</i> sp. PCC 7942. <i>FEBS Journal</i> , 2000, 267, 591-600.	0.2	70
89	Uptake of 2-Oxoglutarate in <i>Synechococcus</i> Strains Transformed with the <i>Escherichia coli</i> <i>kgtP</i> Gene. <i>Journal of Bacteriology</i> , 2000, 182, 211-215.	1.0	41
90	Arginine Catabolism in the Cyanobacterium <i>Synechocystis</i> sp. Strain PCC 6803 Involves the Urea Cycle and Arginase Pathway. <i>Journal of Bacteriology</i> , 2000, 182, 1008-1015.	1.0	73

#	ARTICLE	IF	CITATIONS
91	Constitutive and nitrogen-regulated promoters of the <i>petH</i> gene encoding ferredoxin:NADP+ reductase in the heterocyst-forming cyanobacterium <i>Anabaena</i> sp. <i>FEBS Letters</i> , 1999, 449, 159-164.	1.3	56
92	Molybdopterin guanine dinucleotide cofactor in <i>Synechococcus</i> sp. nitrate reductase: identification of <i>mobA</i> and isolation of a putative <i>moeB</i> gene. <i>FEBS Letters</i> , 1999, 462, 358-362.	1.3	21
93	Cyanobacterial Nitrogen Assimilation Genes and NtcA-Dependent Control of Gene Expression. , 1999, , 463-477.		19
94	The <i>hetC</i> Gene Is a Direct Target of the NtcA Transcriptional Regulator in Cyanobacterial Heterocyst Development. <i>Journal of Bacteriology</i> , 1999, 181, 6664-6669.	1.0	94
95	A role for the signal transduction protein Pll in the control of nitrate/nitrite uptake in a cyanobacterium. <i>FEBS Letters</i> , 1998, 427, 291-295.	1.3	89
96	Ammonium/Methylammonium Permeases of a Cyanobacterium. <i>Journal of Biological Chemistry</i> , 1998, 273, 31463-31470.	1.6	117
97	The <i>narA</i> Locus of <i>Synechococcus</i> sp. Strain PCC 7942 Consists of a Cluster of Molybdopterin Biosynthesis Genes. <i>Journal of Bacteriology</i> , 1998, 180, 1200-1206.	1.0	19
98	The <i>nuiA</i> Gene from <i>Anabaena</i> sp. encoding an inhibitor of the NucA sugar-non-specific nuclease. <i>Journal of Molecular Biology</i> , 1997, 268, 589-598.	2.0	19
99	Nitrate assimilation gene cluster from the heterocyst-forming cyanobacterium <i>Anabaena</i> sp. strain PCC 7120. <i>Journal of Bacteriology</i> , 1997, 179, 477-486.	1.0	109
100	Amino acid transport in taxonomically diverse cyanobacteria and identification of two genes encoding elements of a neutral amino acid permease putatively involved in recapture of leaked hydrophobic amino acids. <i>Journal of Bacteriology</i> , 1997, 179, 853-862.	1.0	71
101	A cyanobacterial <i>narB</i> gene encodes a ferredoxin-dependent nitrate reductase. <i>Plant Molecular Biology</i> , 1996, 30, 845-850.	2.0	55
102	Amino acid transport systems required for diazotrophic growth in the cyanobacterium <i>Anabaena</i> sp. strain PCC 7120. <i>Journal of Bacteriology</i> , 1995, 177, 3150-3157.	1.0	64
103	Transfer of a genetic marker from a megaplasmid of <i>Anabaena</i> sp. strain PCC 7120 to a megaplasmid of a different <i>Anabaena</i> strain. <i>Journal of Bacteriology</i> , 1994, 176, 1093-1098.	1.0	34
104	Requirement of the regulatory protein NtcA for the expression of nitrogen assimilation and heterocyst development genes in the cyanobacterium <i>Anabaena</i> sp. PCC7120. <i>Molecular Microbiology</i> , 1994, 14, 823-832.	1.2	215
105	Nitrate and nitrite transport in the cyanobacterium <i>Synechococcus</i> sp. PCC 7942 are mediated by the same permease. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1994, 1184, 296-298.	0.5	61
106	Assimilatory Nitrogen Metabolism and Its Regulation. , 1994, , 487-517.		3
107	Assimilatory Nitrogen Metabolism and Its Regulation. , 1994, , 487-517.		191
108	Nitrite reductase gene from <i>Synechococcus</i> sp. PCC 7942: homology between cyanobacterial and higher-plant nitrite reductases. <i>Plant Molecular Biology</i> , 1993, 21, 1201-1205.	2.0	83

#	ARTICLE	IF	CITATIONS
109	General distribution of the nitrogen control gene ntcA in cyanobacteria. <i>Journal of Bacteriology</i> , 1993, 175, 5710-5713.	1.0	98
110	Biphasic Kinetic Behavior of Nitrate Reductase from Heterocystous, Nitrogen-Fixing Cyanobacteria. <i>Plant Physiology</i> , 1992, 100, 157-163.	2.3	20
111	Clustering of genes involved in nitrate assimilation in the cyanobacterium <i>Synechococcus</i> . <i>Molecular Genetics and Genomics</i> , 1992, 232, 7-11.	2.4	58
112	Isolation of arginine auxotrophs, cloning by mutant complementation, and sequence analysis of the argC gene from the cyanobacterium <i>Anabaena</i> species PCC 7120. <i>Molecular Microbiology</i> , 1992, 6, 2085-2094.	1.2	22
113	Identification, genetic analysis and characterization of a sugar-non-specific nuclease from the cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>Molecular Microbiology</i> , 1992, 6, 3021-3030.	1.2	68
114	NtcA, a global nitrogen regulator from the cyanobacterium <i>Synechococcus</i> that belongs to the Crp family of bacterial regulators. <i>Molecular Microbiology</i> , 1992, 6, 1853-1859.	1.2	185
115	Control of Nitrogenase mRNA Levels by Products of Nitrate Assimilation in the Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Plant Physiology</i> , 1991, 97, 825-828.	2.3	27
116	Identification and cloning of a regulatory gene for nitrogen assimilation in the cyanobacterium <i>Synechococcus</i> sp. strain PCC 7942. <i>Journal of Bacteriology</i> , 1990, 172, 643-647.	1.0	102
117	Mutants of <i>Anabaena variabilis</i> requiring high levels of molybdate for nitrate reductase and nitrogenase activities. <i>FEMS Microbiology Letters</i> , 1990, 67, 1-4.	0.7	6
118	Regulation of nitrate and nitrite reductases in dinitrogen-fixing cyanobacteria and Nif ⁻ mutants. <i>Archives of Microbiology</i> , 1989, 151, 475-478.	1.0	25
119	A cytoplasmic-membrane protein repressible by ammonium in <i>Synechococcus</i> R2: altered expression in nitrate-assimilation mutants. <i>FEBS Letters</i> , 1988, 239, 289-291.	1.3	36
120	Nitrite uptake and its regulation in the cyanobacterium <i>Anacystis nidulans</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 896, 103-108.	1.4	46
121	Regulation of nitrate reductase cellular levels in the cyanobacteria <i>Anabaena variabilis</i> and <i>Synechocystis</i> sp.. <i>FEMS Microbiology Letters</i> , 1985, 26, 21-25.	0.7	60
122	Regulation of the nitrate reductase level in <i>Anacystis nidulans</i> : Activity decay under nitrogen stress. <i>Archives of Biochemistry and Biophysics</i> , 1984, 234, 454-459.	1.4	32
123	Production of ammonium dependent on basic L-amino acids by <i>Anacystis nidulans</i> . <i>Archives of Microbiology</i> , 1982, 131, 91-94.	1.0	8
124	Characterization and Catalytic Properties of Nitrite Reductase from <i>Anabaena</i> sp. 7119. <i>Zeitschrift für Pflanzenphysiologie</i> , 1981, 103, 305-315.	1.4	13
125	Regulation of nitrate reductase levels in the cyanobacteria <i>Anacystis nidulans</i> , <i>Anabaena</i> sp. strain 7119, and <i>Nostoc</i> sp. strain 6719. <i>Journal of Bacteriology</i> , 1981, 145, 175-180.	1.0	199
126	Catalytic properties of <i>Ankistrodesmus braunii</i> nitrate reductase. <i>Plant Science Letters</i> , 1980, 17, 409-415.	1.9	11

#	ARTICLE	IF	CITATIONS
127	Regulation of nitrate reductase cellular levels in the cyanobacteria <i>Anabaena variabilis</i> and <i>Synechocystis</i> sp., O, .		2