

Antonio Quesada

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134
papers

4,111
citations

36
h-index

57
g-index

138
ext. papers

4,874
ext. citations

4.6
avg, IF

5.43
L-index

#	Paper	IF	Citations
134	Morphological, molecular, and biochemical study of cyanobacteria from a eutrophic Algerian reservoir (Cheffia).. <i>Environmental Science and Pollution Research</i> , 2022 , 29, 27624	5.1	
133	Marine Vertebrates Impact the Bacterial Community Composition and Food Webs of Antarctic Microbial Mats.. <i>Frontiers in Microbiology</i> , 2022 , 13, 841175	5.7	0
132	Functional Metabolic Diversity of Bacterioplankton in Maritime Antarctic Lakes. <i>Microorganisms</i> , 2021 , 9,	4.9	2
131	Overview of toxic cyanobacteria and cyanotoxins in Ibero-American freshwaters: Challenges for risk management and opportunities for removal by advanced technologies. <i>Science of the Total Environment</i> , 2021 , 761, 143197	10.2	8
130	The composition of endolithic communities in gypcrete is determined by the specific microhabitat architecture. <i>Biogeosciences</i> , 2021 , 18, 993-1007	4.6	1
129	Heterogeneity of Microbial Communities in Soils From the Antarctic Peninsula Region. <i>Frontiers in Microbiology</i> , 2021 , 12, 628792	5.7	4
128	Local meteorological conditions, shape and desiccation influence dispersal capabilities for airborne microorganisms. <i>Science of the Total Environment</i> , 2021 , 780, 146653	10.2	4
127	Characterization of the summer surface mesoscale dynamics at Dome F, Antarctica. <i>Atmospheric Research</i> , 2021 , 259, 105699	5.4	0
126	Microbial colonizers of microplastics in an Arctic freshwater lake. <i>Science of the Total Environment</i> , 2021 , 795, 148640	10.2	7
125	Catalytic Wet Peroxide Oxidation of Cyindrospermopsin over Magnetite in a Continuous Fixed-Bed Reactor. <i>Catalysts</i> , 2020 , 10, 1250	4	3
124	First detection of microplastics in the freshwater of an Antarctic Specially Protected Area. <i>Marine Pollution Bulletin</i> , 2020 , 161, 111811	6.7	27
123	Fibers spreading worldwide: Microplastics and other anthropogenic litter in an Arctic freshwater lake. <i>Science of the Total Environment</i> , 2020 , 722, 137904	10.2	74
122	Ecotoxicity assessment of microcystins from freshwater samples using a bioluminescent cyanobacterial bioassay. <i>Chemosphere</i> , 2020 , 240, 124966	8.4	7
121	Comparative vegetation survey with focus on cryptogamic covers in the high Arctic along two differing catenas. <i>Polar Biology</i> , 2019 , 42, 2131-2145	2	6
120	Bacterioplankton Community Composition Along Environmental Gradients in Lakes From Byers Peninsula (Maritime Antarctica) as Determined by Next-Generation Sequencing. <i>Frontiers in Microbiology</i> , 2019 , 10, 908	5.7	14
119	Degradation of widespread cyanotoxins with high impact in drinking water (microcystins, cyindrospermopsin, anatoxin-a and saxitoxin) by CWPO. <i>Water Research</i> , 2019 , 163, 114853	12.5	18
118	Carbon Pathways Through the Food Web of a Microbial Mat From Byers Peninsula, Antarctica. <i>Frontiers in Microbiology</i> , 2019 , 10, 628	5.7	5

117	Weather Observations of Remote Polar Areas Using an AWS Onboard a Unique Zero-Emissions Polar Vehicle. <i>Bulletin of the American Meteorological Society</i> , 2019 , 100, 1891-1895	6.1	3
116	Unmasking the identity of toxigenic cyanobacteria driving a multi-toxin bloom by high-throughput sequencing of cyanotoxins genes and 16S rRNA metabarcoding. <i>Science of the Total Environment</i> , 2019 , 665, 367-378	10.2	21
115	Global patterns and drivers of ecosystem functioning in rivers and riparian zones. <i>Science Advances</i> , 2019 , 5, eaav0486	14.3	70
114	Spatial-temporal survey of <i>Microcystis</i> oligopeptide chemotypes in reservoirs with dissimilar waterbody features and their relation to genetic variation. <i>Harmful Algae</i> , 2019 , 81, 77-85	5.3	5
113	Seasonal dynamics of microcystin-degrading bacteria and toxic cyanobacterial blooms: Interaction and influence of abiotic factors. <i>Harmful Algae</i> , 2018 , 71, 19-28	5.3	17
112	Plankton assembly in an ultra-oligotrophic Antarctic lake over the summer transition from the ice-cover to ice-free period: A size spectra approach. <i>Polar Science</i> , 2017 , 11, 72-82	2.3	6
111	Basic Guide to Detection and Monitoring of Potentially Toxic Cyanobacteria 2017 , 46-69		6
110	Case Studies of Environmental Sampling, Detection, and Monitoring of Potentially Toxic Cyanobacteria 2017 , 70-83		1
109	Trophic interactions in microbial mats on Byers Peninsula, maritime Antarctica. <i>Polar Biology</i> , 2017 , 40, 1115-1126	2	10
108	Critical Assessment of Analytical Techniques in the Search for Biomarkers on Mars: A Mummified Microbial Mat from Antarctica as a Best-Case Scenario. <i>Astrobiology</i> , 2017 , 17, 984-996	3.7	12
107	Toxic cyanobacteria and cyanotoxins in European waters – recent progress achieved through the CYANOCOST Action and challenges for further research. <i>Advances in Oceanography and Limnology</i> , 2017 , 8,	1.3	39
106	Diversity and temporal shifts of the bacterial community associated with a toxic cyanobacterial bloom: An interplay between microcystin producers and degraders. <i>Water Research</i> , 2017 , 125, 52-61	12.5	53
105	Toxicity at the Edge of Life: A Review on Cyanobacterial Toxins from Extreme Environments. <i>Marine Drugs</i> , 2017 , 15,	6	44
104	Temperature Influences the Production and Transport of Saxitoxin and the Expression of sxt Genes in the Cyanobacterium <i>Aphanizomenon gracile</i> . <i>Toxins</i> , 2017 , 9,	4.9	11
103	Pole-to-Pole Connections: Similarities between Arctic and Antarctic Microbiomes and Their Vulnerability to Environmental Change. <i>Frontiers in Ecology and Evolution</i> , 2017 , 5,	3.7	27
102	Introduction to the special issue on the Life in Antarctica: Boundaries and Gradients in a Changing Environment (XIth SCAR Biology Symposium). <i>Polar Biology</i> , 2016 , 39, 1-10	2	18
101	Carbon dynamics modelization and biological community sensitivity to temperature in an oligotrophic freshwater Antarctic lake. <i>Ecological Modelling</i> , 2016 , 319, 21-30	3	9
100	Presence or Absence of mlr Genes and Nutrient Concentrations Co-Determine the Microcystin Biodegradation Efficiency of a Natural Bacterial Community. <i>Toxins</i> , 2016 , 8,	4.9	29

99	Aerobiology Over Antarctica - A New Initiative for Atmospheric Ecology. <i>Frontiers in Microbiology</i> , 2016 , 7, 16	5-7	35
98	Ecosystem function decays by fungal outbreaks in Antarctic microbial mats. <i>Scientific Reports</i> , 2016 , 6, 22954	4-9	11
97	Selectivity and detrimental effects of epiphytic <i>Pseudanabaena</i> on <i>Microcystis</i> colonies. <i>Hydrobiologia</i> , 2016 , 777, 139-148	2-4	12
96	Metagenomic analysis of lacustrine viral diversity along a latitudinal transect of the Antarctic Peninsula. <i>FEMS Microbiology Ecology</i> , 2016 , 92, fiw074	4-3	17
95	Global expansion of toxic and non-toxic cyanobacteria: effect on ecosystem functioning. <i>Biodiversity and Conservation</i> , 2015 , 24, 889-908	3-4	94
94	Microstructure and cyanobacterial composition of microbial mats from the High Arctic. <i>Biodiversity and Conservation</i> , 2015 , 24, 841-863	3-4	23
93	Ecology and biogeochemistry of cyanobacteria in soils, permafrost, aquatic and cryptic polar habitats. <i>Biodiversity and Conservation</i> , 2015 , 24, 819-840	3-4	46
92	Total mercury and methyl-mercury contents and accumulation in polar microbial mats. <i>Science of the Total Environment</i> , 2015 , 509-510, 145-53	10.2	12
91	CYANOCHIP: an antibody microarray for high-taxonomical-resolution cyanobacterial monitoring. <i>Environmental Science & Technology</i> , 2015 , 49, 1611-20	10.3	16
90	The spatial structure of Antarctic biodiversity. <i>Ecological Monographs</i> , 2014 , 84, 203-244	9	203
89	Estimation of cyanobacteria biovolume in water reservoirs by MERIS sensor. <i>Water Research</i> , 2014 , 63, 10-20	12.5	11
88	Phylogeography of cylindrospermopsin and paralytic shellfish toxin-producing nostocales cyanobacteria from mediterranean europe (Spain). <i>Applied and Environmental Microbiology</i> , 2014 , 80, 1359-70	4.8	58
87	Characterization of saxitoxin production and release and phylogeny of sxt genes in paralytic shellfish poisoning toxin-producing <i>Aphanizomenon gracile</i> . <i>Harmful Algae</i> , 2014 , 37, 28-37	5-3	47
86	Seasonal dynamics and sedimentation patterns of <i>Microcystis</i> oligopeptide-based chemotypes reveal subpopulations with different ecological traits. <i>Limnology and Oceanography</i> , 2014 , 59, 861-871	4.8	18
85	Diversity of toxin and non-toxin containing cyanobacterial mats of meltwater ponds on the Antarctic Peninsula: a pyrosequencing approach. <i>Antarctic Science</i> , 2014 , 26, 521-532	1.7	52
84	Oligopeptides as biomarkers of cyanobacterial subpopulations. Toward an understanding of their biological role. <i>Toxins</i> , 2014 , 6, 1929-50	4-9	34
83	Temperature-dependent dispersal strategies of <i>Aphanizomenon ovalisporum</i> (Nostocales, Cyanobacteria): implications for the annual life cycle. <i>Microbial Ecology</i> , 2013 , 65, 12-21	4-4	18
82	Plant communities as a key factor in biogeochemical processes involving micronutrients (Fe, Mn, Co, and Cu) in Antarctic soils (Byers Peninsula, maritime Antarctica). <i>Geoderma</i> , 2013 , 195-196, 145-154	6.7	23

81	Community structure and photosynthetic activity of benthic biofilms from a waterfall in the maritime Antarctica. <i>Polar Biology</i> , 2013 , 36, 1709-1722	2	8
80	Overwintering populations of <i>Anabaena</i> , <i>Aphanizomenon</i> and <i>Microcystis</i> as potential inocula for summer blooms. <i>Journal of Plankton Research</i> , 2013 , 35, 1254-1266	2.2	42
79	Effects of harmful cyanobacteria on the freshwater pathogenic free-living amoeba <i>Acanthamoeba castellanii</i> . <i>Aquatic Toxicology</i> , 2013 , 130-131, 9-17	5.1	24
78	Minimum population size estimates demonstrate an increase in southern elephant seals (<i>Mirounga leonina</i>) on Livingston Island, maritime Antarctica. <i>Polar Biology</i> , 2013 , 36, 607-610	2	12
77	A review of scientific research trends within ASPA No. 126 Byers Peninsula, South Shetland Islands, Antarctica. <i>Antarctic Science</i> , 2013 , 25, 128-145	1.7	16
76	Rapid denudation processes in cryptogamic communities from Maritime Antarctica subjected to human trampling. <i>Antarctic Science</i> , 2013 , 25, 318-328	1.7	21
75	Ecological relationships and stoichiometry within a Maritime Antarctic watershed. <i>Antarctic Science</i> , 2013 , 25, 191-197	1.7	10
74	Stability and endemism of benthic diatom assemblages from different substrates in a maritime stream on Byers Peninsula, Livingston Island, Antarctica: the role of climate variability. <i>Antarctic Science</i> , 2013 , 25, 254-269	1.7	12
73	Phylogeographic analysis of filterable bacteria with special reference to Rhizobiales strains that occur in cryospheric habitats. <i>Antarctic Science</i> , 2013 , 25, 219-228	1.7	18
72	Interannual active layer variability at the Limnopolar Lake CALM site on Byers Peninsula, Livingston Island, Antarctica. <i>Antarctic Science</i> , 2013 , 25, 167-180	1.7	30
71	Distribution and reproductive capacity of <i>Deschampsia antarctica</i> and <i>Colobanthus quitensis</i> on Byers Peninsula, Livingston Island, South Shetland Islands, Antarctica. <i>Antarctic Science</i> , 2013 , 25, 292-302	1.7	13
70	Sedimentation patterns of toxin-producing <i>Microcystis</i> morphospecies in freshwater reservoirs. <i>Toxins</i> , 2013 , 5, 939-57	4.9	18
69	Distribution and ecology of chironomids (Diptera, Chironomidae) on Byers Peninsula, Maritime Antarctica. <i>Antarctic Science</i> , 2013 , 25, 288-291	1.7	10
68	Regional weather survey on Byers Peninsula, Livingston Island, South Shetland Islands, Antarctica. <i>Antarctic Science</i> , 2013 , 25, 146-156	1.7	60
67	Limited stability of microcystins in oligopeptide compositions of <i>Microcystis aeruginosa</i> (Cyanobacteria): implications in the definition of chemotypes. <i>Toxins</i> , 2013 , 5, 1089-1104	4.9	15
66	Potassium deficiency triggers the development of dormant cells (akinetes) in <i>Aphanizomenon ovalisporum</i> (Nostocales, Cyanoprokaryota)(1). <i>Journal of Phycology</i> , 2013 , 49, 580-7	3	18
65	Heterogeneous vertical structure of the bacterioplankton community in a non-stratified Antarctic lake. <i>Antarctic Science</i> , 2013 , 25, 229-238	1.7	16
64	Structure of planktonic microbial communities along a trophic gradient in lakes of Byers Peninsula, South Shetland Islands. <i>Antarctic Science</i> , 2013 , 25, 277-287	1.7	14

63	Vertical structure of bi-layered microbial mats from Byers Peninsula, Maritime Antarctica. <i>Antarctic Science</i> , 2013 , 25, 270-276	1.7	13
62	Multidisciplinary research on Byers Peninsula, Livingston Island: a future benchmark for change in Maritime Antarctica. <i>Antarctic Science</i> , 2013 , 25, 123-127	1.7	9
61	Environmental management of a scientific field camp in Maritime Antarctica: reconciling research impacts with conservation goals in remote ice-free areas. <i>Antarctic Science</i> , 2013 , 25, 307-317	1.7	14
60	Long-term studies: lessons from Byers Peninsula. <i>Antarctic Science</i> , 2013 , 25, 121-121	1.7	3
59	First TaqMan Assay to Identify and Quantify the <i>Cylindrospermopsis</i> -Producing Cyanobacterium <i>Aphanizomenon ovalisporum</i> in Water. <i>Advances in Microbiology</i> , 2013 , 03, 430-437	0.6	10
58	Cyanobacteria in the Cryosphere: Snow, Ice and Extreme Cold 2012 , 387-399		28
57	Multi-scale strategies for the monitoring of freshwater cyanobacteria: reducing the sources of uncertainty. <i>Water Research</i> , 2012 , 46, 3043-53	12.5	44
56	Invasion of Nostocales (cyanobacteria) to Subtropical and Temperate Freshwater Lakes - Physiological, Regional, and Global Driving Forces. <i>Frontiers in Microbiology</i> , 2012 , 3, 86	5.7	136
55	Temperature-related changes in polar cyanobacterial mat diversity and toxin production. <i>Nature Climate Change</i> , 2012 , 2, 356-360	21.4	63
54	Cyanobacteria in High Latitude Lakes, Rivers and Seas 2012 , 371-385		34
53	Cyanobacterial heterocyst glycolipids in cultures and environmental samples: Diversity and biomarker potential. <i>Limnology and Oceanography</i> , 2012 , 57, 1775-1788	4.8	30
52	Trampling on maritime Antarctica: can soil ecosystems be effectively protected through existing codes of conduct?. <i>Polar Research</i> , 2012 , 31, 10888	2	19
51	Maritime antarctic lakes as sentinels of climate change. <i>International Journal of Design and Nature and Ecodynamics</i> , 2012 , 7, 239-250	2.3	7
50	First detection of cyanobacterial PSP (paralytic shellfish poisoning) toxins in Spanish freshwaters. <i>Toxicon</i> , 2011 , 57, 918-21	2.8	28
49	<i>Cylindrospermopsis</i> production and release by the potentially invasive cyanobacterium <i>Aphanizomenon ovalisporum</i> under temperature and light gradients. <i>Harmful Algae</i> , 2011 , 10, 668-675	5.3	40
48	Long-term ecosystem networks to record change: an international imperative. <i>Antarctic Science</i> , 2011 , 23, 209-209	1.7	14
47	Importance of natural sedimentation in the fate of microcystins. <i>Chemosphere</i> , 2011 , 82, 1141-6	8.4	30
46	Temperature effects on carbon and nitrogen metabolism in some Maritime Antarctic freshwater phototrophic communities. <i>Polar Biology</i> , 2011 , 34, 1045-1055	2	32

45	Revision of the genus <i>Hantzschia</i> (Bacillariophyceae) on Livingston Island (South Shetland Islands, Southern Atlantic Ocean). <i>Plant Ecology and Evolution</i> , 2010 , 143, 318-333	1.6	17
44	Natural photodegradation of the cyanobacterial toxins microcystin and cylindrospermopsin. <i>Environmental Science & Technology</i> , 2010 , 44, 3002-7	10.3	102
43	Interannual meteorological variability and its effects on a lake from maritime Antarctica. <i>Polar Biology</i> , 2010 , 33, 1615-1628	2	26
42	A close link between bacterial community composition and environmental heterogeneity in maritime Antarctic lakes. <i>International Microbiology</i> , 2010 , 13, 67-77	3	25
41	Genetic and morphologic characterization of four putative cylindrospermopsin producing species of the cyanobacterial genera <i>Anabaena</i> and <i>Aphanizomenon</i> . <i>Journal of Plankton Research</i> , 2009 , 31, 465-480	2.2	49
40	Advances in solid phase extraction of the cyanobacterial toxin cylindrospermopsin. <i>Limnology and Oceanography: Methods</i> , 2009 , 7, 568-575	2.6	26
39	Modeling lakes and reservoirs in the climate system. <i>Limnology and Oceanography</i> , 2009 , 54, 2315-2329	4.8	80
38	High diversity of the viral community from an Antarctic lake. <i>Science</i> , 2009 , 326, 858-61	33.3	313
37	Byers Peninsula: A reference site for coastal, terrestrial and limnetic ecosystem studies in maritime Antarctica. <i>Polar Science</i> , 2009 , 3, 181-187	2.3	38
36	AN UNUSUAL SPINE-BEARING PINNULARIA SPECIES FROM THE ANTARCTIC LIVINGSTON ISLAND (SOUTH SHETLAND ISLANDS). <i>Diatom Research</i> , 2009 , 24, 431-441	0.9	12
35	Soil trampling in an Antarctic Specially Protected Area: tools to assess levels of human impact. <i>Antarctic Science</i> , 2009 , 21, 229-236	1.7	36
34	Cylindrospermopsin is not degraded by co-occurring natural bacterial communities during a 40-day study. <i>Harmful Algae</i> , 2008 , 7, 206-213	5.3	85
33	Benthic primary production in polar lakes and rivers 2008 , 179-196		41
32	Anatoxin-a occurrence and potential cyanobacterial anatoxin-a producers in Spanish reservoirs1. <i>Journal of Phycology</i> , 2007 , 43, 1120-1125	3	26
31	Community structure and physiological characterization of microbial mats in Byers Peninsula, Livingston Island (South Shetland Islands, Antarctica). <i>FEMS Microbiology Ecology</i> , 2007 , 59, 377-85	4.3	62
30	Ciliate biogeography in Antarctic and Arctic freshwater ecosystems: endemism or global distribution of species?. <i>FEMS Microbiology Ecology</i> , 2007 , 59, 396-408	4.3	50
29	Limnological characteristics of the freshwater ecosystems of Byers Peninsula, Livingston Island, in maritime Antarctica. <i>Polar Biology</i> , 2007 , 30, 635-649	2	126
28	Incorporation of different N sources and light response curves of nitrogenase and photosynthesis by cyanobacterial blooms from rice fields. <i>Microbial Ecology</i> , 2006 , 51, 394-403	4.4	12

27	Cyanobacterial abundance and microcystin occurrence in Mediterranean water reservoirs in Central Spain: microcystins in the Madrid area. <i>European Journal of Phycology</i> , 2006 , 41, 281-291	2.2	36
26	Toxicity of <i>Aphanizomenon ovalisporum</i> (Cyanobacteria) in a Spanish water reservoir. <i>European Journal of Phycology</i> , 2006 , 41, 39-45	2.2	83
25	Inland Water Quality Assessment - A Joint European Masters Programme. <i>Journal of Science Education and Technology</i> , 2006 , 15, 409-415	2.8	
24	Phylogenetic and morphological analyses of <i>Microcystis</i> strains (Cyanophyta/Cyanobacteria) from a Spanish water reservoir. <i>Nova Hedwigia</i> , 2005 , 81, 431-448	1.3	14
23	Development of cyanobacterial blooms in Valencian rice fields. <i>Biology and Fertility of Soils</i> , 2005 , 41, 129-133	6.1	5
22	The genus <i>Microcystis</i> (Microcystaceae/Cyanobacteria) from a Spanish reservoir: A contribution to the definition of morphological variations. <i>Nova Hedwigia</i> , 2004 , 79, 479-495	1.3	12
21	Epiphytic cyanobacteria on <i>Chara vulgaris</i> are the main contributors to N(2) fixation in rice fields. <i>Applied and Environmental Microbiology</i> , 2004 , 70, 5391-7	4.8	30
20	Noninvasive pigment identification in single cells from living phototrophic biofilms by confocal imaging spectrofluorometry. <i>Applied and Environmental Microbiology</i> , 2004 , 70, 3745-50	4.8	37
19	Measurement of coupled nitrification-denitrification in paddy fields affected by Terrazole, a nitrification inhibitor. <i>Biology and Fertility of Soils</i> , 2004 , 39, 186-192	6.1	18
18	Microstructural characterization of cyanobacterial mats from the McMurdo Ice Shelf, Antarctica. <i>Applied and Environmental Microbiology</i> , 2004 , 70, 569-80	4.8	104
17	Assessment of slow release fertilizers and nitrification inhibitors in flooded rice. <i>Biology and Fertility of Soils</i> , 2003 , 39, 80-87	6.1	34
16	Heterotrophic capability of a metalimnetic plankton population in saline Lake Shira (Siberia, Khakasia). <i>Aquatic Ecology</i> , 2002 , 36, 219-227	1.9	5
15	N ₂ -Fixation in Cyanobacterial Mats from Ponds on the McMurdo Ice Shelf, Antarctica. <i>Microbial Ecology</i> , 2001 , 42, 338-349	4.4	51
14	Community and pigment structure of Arctic cyanobacterial assemblages: the occurrence and distribution of UV-absorbing compounds. <i>FEMS Microbiology Ecology</i> , 1999 , 28, 315-323	4.3	73
13	Acclimation of Cyanobacterial Communities in Rice Fields and Response of Nitrogenase Activity to Light Regime. <i>Microbial Ecology</i> , 1998 , 35, 147-55	4.4	21
12	Short- and long-term effects of ammonium on photodependent nitrogen fixation in wetland rice fields of Spain. <i>Biology and Fertility of Soils</i> , 1997 , 24, 353-357	6.1	6
11	Environmental Factors Controlling N ₂ Fixation in Mediterranean Rice Fields. <i>Microbial Ecology</i> , 1997 , 34, 39-48	4.4	27
10	Relationship Between Abundance of N ₂ -fixing Cyanobacteria and Environmental Features of Spanish Rice Fields. <i>Microbial Ecology</i> , 1996 , 32, 59-71	4.4	16

9	Seasonal variation of chemical properties of rice field soils from Valencia, Spain. <i>Communications in Soil Science and Plant Analysis</i> , 1995 , 26, 1-19	1.5	7
8	GROWTH OF ANTARCTIC CYANOBACTERIA UNDER ULTRAVIOLET RADIATION: UVA COUNTERACTS UVB INHIBITION ¹ . <i>Journal of Phycology</i> , 1995 , 31, 242-248	3	112
7	Seasonal variations in the physical and chemical characteristics of a shallow water ecosystem, the ricefields of Valencia, Spain. <i>Archiv Für Hydrobiologie</i> , 1995 , 132, 495-511		5
6	Ultraviolet radiation effects on cyanobacteria: Implications for Antarctic microbial ecosystems. <i>Antarctic Research Series</i> , 1994 , 111-124		56
5	Adaptation of cyanobacteria to the light regime within Antarctic microbial mats. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 1993 , 25, 960-965		3
4	New incubation device for in situ measurement of acetylene-reducing activity in ricefields. <i>Journal of Applied Phycology</i> , 1989 , 1, 195-200	3.2	11
3	Sodium Requirement for Photosynthesis and Nitrate Assimilation in a Mutant of <i>Nostoc muscorum</i> . <i>Journal of Plant Physiology</i> , 1987 , 127, 423-429	3.6	13
2	Response of endolithic Chroococcidiopsis strains from the polyextreme Atacama Desert to light radiation		1
1	Global Change Effects on Antarctic Freshwater Ecosystems: The Case of Maritime Antarctic Lakes	367-382	1