

# Mario Giordano

## List of Publications by Year in descending order

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137  
papers

6,641  
citations

87888

38  
h-index

69250

77  
g-index

140  
all docs

140  
docs citations

140  
times ranked

7062  
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic Approach for Recurrent Focal Segmental Glomerulosclerosis in Pediatric Renal Transplant Recipients: A Single-Center Experience. <i>Blood Purification</i> , 2022, 51, 847-856.	1.8	2
2	A mechanistic study of the influence of nitrogen and energy availability on the NH <sub>4</sub> <sup>+</sup> sensitivity of nitrogen assimilation in <i>Synechococcus</i> . <i>Journal of Experimental Botany</i> , 2022, 73, 5596-5611.	4.8	1
3	Keep your friends close and your competitors closer: novel interspecies interaction in desert biological sand crusts. <i>Phycologia</i> , 2021, 60, 419-426.	1.4	12
4	Mid-Aortic Syndrome: A Rare Cause of Renovascular Hypertension in Childhood Treated Percutaneously with an Unusual Vascular Access. <i>Current Pediatric Reviews</i> , 2021, 16, 320-324.	0.8	0
5	Changes in ATP Sulfurylase Activity in Response to Altered Cyanobacteria Growth Conditions. <i>Microbes and Environments</i> , 2021, 36, n/a.	1.6	2
6	Temporal Patterns and Intra- and Inter-Cellular Variability in Carbon and Nitrogen Assimilation by the Unicellular Cyanobacterium <i>Cyanothece</i> sp. ATCC 51142. <i>Frontiers in Microbiology</i> , 2021, 12, 620915.	3.5	9
7	Electron & Biomass Dynamics of <i>Cyanothece</i> Under Interacting Nitrogen & Carbon Limitations. <i>Frontiers in Microbiology</i> , 2021, 12, 617802.	3.5	4
8	Inorganic carbon uptake in a freshwater diatom, <i>Asterionella formosa</i> (Bacillariophyceae): from ecology to genomics. <i>Phycologia</i> , 2021, 60, 427-438.	1.4	6
9	Time lapse synchrotron IR chemical imaging for observing the acclimation of a single algal cell to CO <sub>2</sub> treatment. <i>Scientific Reports</i> , 2021, 11, 13246.	3.3	2
10	Does growth rate affect diatom compositional response to temperature?. <i>Phycologia</i> , 2021, 60, 462-472.	1.4	1
11	Resource allocation in <i>Chlamydomonas reinhardtii</i> exposed to sulphur starvation and anaerobiosis. <i>Phycologia</i> , 2021, 60, 473-486.	1.4	1
12	Calibrating the triple oxygen isotope signature of cultured diatoms. <i>Limnology and Oceanography</i> , 2021, 66, 4254-4266.	3.1	3
13	Case-management protocol for bloody diarrhea as a model to reduce the clinical impact of Shiga toxin-producing <i>Escherichia coli</i> infections. Experience from Southern Italy. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 539-547.	2.9	13
14	Interannual variability of <i>Emiliana huxleyi</i> blooms in the Barents Sea: In situ data 2014–2018. <i>Marine Pollution Bulletin</i> , 2020, 158, 111392.	5.0	12
15	Inorganic carbon concentrating mechanisms in free-living and symbiotic dinoflagellates and chroococoids. <i>Journal of Phycology</i> , 2020, 56, 1377-1397.	2.3	13
16	Epidemiology of Shiga Toxin-Producing <i>Escherichia coli</i> Infections in Southern Italy after Implementation of Symptom-Based Surveillance of Bloody Diarrhea in the Pediatric Population. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5137.	2.6	11
17	Comparative Proteomic Analysis Reveals New Insights Into the Common and Specific Metabolic Regulation of the Diatom <i>Skeletonema dohrnii</i> to the Silicate and Temperature Availability. <i>Frontiers in Plant Science</i> , 2020, 11, 578915.	3.6	5
18	Changes in lipid and carotenoid metabolism in <i>Chlamydomonas reinhardtii</i> during induction of CO <sub>2</sub> -concentrating mechanism: Cellular response to low CO <sub>2</sub> stress. <i>Algal Research</i> , 2020, 52, 102099.	4.6	9

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19	Toward Enhanced Fixation of CO <sub>2</sub> in Aquatic Biomass: Focus on Microalgae. <i>Frontiers in Energy Research</i> , 2020, 8, .	2.3	28
20	Low C3 Serum Levels Predict Severe Forms of STEC-HUS With Neurologic Involvement. <i>Frontiers in Medicine</i> , 2020, 7, 357.	2.6	12
21	Genetic Analyses in Dent Disease and Characterization of CLCN5 Mutations in Kidney Biopsies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 516.	4.1	17
22	A shift away from mutualism under food-deprived conditions in an anemone-dinoflagellate association. <i>PeerJ</i> , 2020, 8, e9745.	2.0	5
23	The Unobservability of the Temporal Scale in Biological Studies. , 2020, , 505-527.		0
24	The effect of light quality and quantity on carbon allocation in <i>Chromera velia</i> . <i>Folia Microbiologica</i> , 2019, 64, 655-662.	2.3	3
25	Different Nutritional Histories Affect the Susceptibility of Algae to Grazing. <i>Journal of Phycology</i> , 2019, 55, 997-1010.	2.3	2
26	Management of STEC Gastroenteritis: Is There a Role for Probiotics?. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1649.	2.6	12
27	Drivers of phytoplankton blooms in the northeastern Black Sea. <i>Marine Pollution Bulletin</i> , 2019, 138, 274-284.	5.0	53
28	Haemodiafiltration use in children: data from the Italian Pediatric Dialysis Registry. <i>Pediatric Nephrology</i> , 2019, 34, 1057-1063.	1.7	4
29	A pediatric neurologic assessment score may drive the eculizumab-based treatment of Escherichia coli-related hemolytic uremic syndrome with neurological involvement. <i>Pediatric Nephrology</i> , 2019, 34, 517-527.	1.7	24
30	Chemical Communication in the Symbiotic Interaction between the anemone <i>Exaiptasia diaphana</i> (ex) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	0
31	The phycobilisomes of <i>Synechococcus</i> sp. are constructed to minimize nitrogen use in nitrogen-limited cells and to maximize energy capture in energy-limited cells. <i>Environmental and Experimental Botany</i> , 2018, 150, 152-160.	4.2	13
32	Intraspecific interactions between algae with different nutritional histories. <i>Journal of Phycology</i> , 2018, 54, 423-427.	2.3	3
33	Indications and results of renal biopsy in children: a 36-year experience. <i>World Journal of Pediatrics</i> , 2018, 14, 127-133.	1.8	23
34	Life at elevated CO <sub>2</sub> modifies the cell composition of <i>Chromera velia</i> (Chromerida). <i>European Journal of Phycology</i> , 2018, 53, 58-66.	2.0	3
35	A propensity-matched comparison of hard outcomes in children on chronic dialysis. <i>European Journal of Pediatrics</i> , 2018, 177, 117-124.	2.7	7
36	Estimating and correcting interference fringes in infrared spectra in infrared hyperspectral imaging. <i>Analyst, The</i> , 2018, 143, 4674-4683.	3.5	14

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37	A tale of two eras: Phytoplankton composition influenced by oceanic paleochemistry. <i>Geobiology</i> , 2018, 16, 498-506.	2.4	10
38	Could the interaction between LMX1B and PAX2 influence the severity of renal symptoms?. <i>European Journal of Human Genetics</i> , 2018, 26, 1708-1712.	2.8	6
39	Microalgae for Industrial Purposes. , 2018, , 133-167.		18
40	The genetic and clinical spectrum of a large cohort of patients with distal renal tubular acidosis. <i>Kidney International</i> , 2017, 91, 1243-1255.	5.2	79
41	The effect of environmental factors on fatty acid composition of <i>Chromera velia</i> (Chromeridae). <i>Journal of Applied Phycology</i> , 2017, 29, 1791-1799.	2.8	7
42	Intraspecific chemical communication in microalgae. <i>New Phytologist</i> , 2017, 215, 516-530.	7.3	34
43	In <i>Synechococcus</i> sp. competition for energy between assimilation and acquisition of C and those of N only occurs when growth is light limited. <i>Journal of Experimental Botany</i> , 2017, 68, 3829-3839.	4.8	11
44	Acquisition and metabolism of carbon in the Ochrophyta other than diatoms. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160400.	4.0	25
45	The use of NH <sub>4</sub> <sup>+</sup> rather than NO <sub>3</sub> <sup>-</sup> affects cell stoichiometry, C allocation, photosynthesis and growth in the cyanobacterium <i>Synechococcus</i> sp. UTEX LB 2380, only when energy is limiting. <i>Plant, Cell and Environment</i> , 2017, 40, 227-236.	5.7	32
46	The relative availability of inorganic carbon and inorganic nitrogen influences the response of the dinoflagellate <i>Protoceratium reticulatum</i> to elevated CO <sub>2</sub> . <i>Journal of Phycology</i> , 2017, 53, 298-307.	2.3	12
47	Impact of inhibitors of amino acid, protein, and RNA synthesis on C allocation in the diatom <i>Chaetoceros muellerii</i> : a FTIR approach. <i>Algae</i> , 2017, 32, 161-170.	2.3	8
48	Evaluation of <i>Dicentrarchus labrax</i> Meats and the Vegetable Quality of <i>Beta vulgaris</i> var. <i>cicla</i> Farmed in Freshwater and Saltwater Aquaponic Systems. <i>Water (Switzerland)</i> , 2016, 8, 423.	2.7	17
49	The mechanisms whereby the green alga <i>Chlorella ohadii</i> , isolated from desert soil crust, exhibits unparalleled photodamage resistance. <i>New Phytologist</i> , 2016, 210, 1229-1243.	7.3	74
50	Mutational Spectrum of <i>CYP24A1</i> Gene in a Cohort of Italian Patients with Idiopathic Infantile Hypercalcemia. <i>Nephron</i> , 2016, 133, 193-204.	1.8	23
51	Expanding the mutation spectrum in 130 probands with ARPKD: identification of 62 novel PKHD1 mutations by sanger sequencing and MLPA analysis. <i>Journal of Human Genetics</i> , 2016, 61, 811-821.	2.3	27
52	Direct and indirect influence of sulfur availability on phytoplankton evolutionary trajectories. <i>Journal of Phycology</i> , 2016, 52, 1094-1102.	2.3	16
53	Rapid detection and quantification of haptophyte alkenones by Fourier transform infrared spectroscopy (FTIR). <i>Algal Research</i> , 2016, 19, 48-56.	4.6	9
54	Redox regulation of ATP sulfurylase in microalgae. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1555-1562.	2.1	14

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55	Herbivory in the soft coral <i>Sinularia flexibilis</i> (Alcyoniidae). <i>Scientific Reports</i> , 2016, 6, 22679.	3.3	9
56	Increased Wnt and Notch signaling: a clue to the renal disease in Schimke immuno-osseous dysplasia?. <i>Orphanet Journal of Rare Diseases</i> , 2016, 11, 149.	2.7	16
57	The acclimation of <i>Chlorella</i> to high-level nitrite for potential application in biological NO <sub>x</sub> removal from industrial flue gases. <i>Journal of Plant Physiology</i> , 2016, 195, 73-79.	3.5	33
58	Combined Nitrogen. , 2016, , 143-154.		29
59	Sulphur and Algae: Metabolism, Ecology and Evolution. , 2016, , 185-209.		19
60	Community-wide outbreak of haemolytic uraemic syndrome associated with Shiga toxin 2-producing <i>Escherichia coli</i> O26:H11 in southern Italy, summer 2013. <i>Eurosurveillance</i> , 2016, 21, .	7.0	40
61	Growth rate hypothesis and efficiency of protein synthesis under different sulphate concentrations in two green algae. <i>Plant, Cell and Environment</i> , 2015, 38, 2313-2317.	5.7	26
62	Taxonomy and growth conditions concur to determine the energetic suitability of algal fatty acid complements. <i>Journal of Applied Phycology</i> , 2015, 27, 1401-1413.	2.8	13
63	The impact of fluctuating light on the dinoflagellate <i>Prorocentrum micans</i> depends on NO <sub>3</sub> <sup>-</sup> and CO <sub>2</sub> availability. <i>Journal of Plant Physiology</i> , 2015, 180, 18-26.	3.5	7
64	Aneurysmal bone cyst does not hinder the success of kidney transplantation. A case report. <i>Pediatric Transplantation</i> , 2015, 19, E33-6.	1.0	1
65	Photochemical responses of the diatom <i>Skeletonema costatum</i> grown under elevated CO <sub>2</sub> concentrations to short-term changes in pH. <i>Aquatic Biology</i> , 2015, 23, 109-118.	1.4	6
66	An Isolated <i>Picochlorum</i> Species for Aquaculture, Food, and Biofuel. <i>North American Journal of Aquaculture</i> , 2014, 76, 305-311.	1.4	7
67	Diversity and regulation of ATP sulfurylase in photosynthetic organisms. <i>Frontiers in Plant Science</i> , 2014, 5, 597.	3.6	52
68	Growth rate affects the responses of the green alga <i>Tetraselmis suecica</i> to external perturbations. <i>Plant, Cell and Environment</i> , 2014, 37, 512-519.	5.7	45
69	Urine with stones: nephrocalcinosis and vitamin D. <i>Italian Journal of Pediatrics</i> , 2014, 40, .	2.6	0
70	Growth, antioxidant capacity and total carotene of <i>Dunaliella salina</i> DCCBC15 in a low cost enriched natural seawater medium. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 317-322.	3.6	30
71	Energy costs of carbon dioxide concentrating mechanisms in aquatic organisms. <i>Photosynthesis Research</i> , 2014, 121, 111-124.	2.9	199
72	Nitrogen and sulfur assimilation in plants and algae. <i>Aquatic Botany</i> , 2014, 118, 45-61.	1.6	108

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73	Dunaliella salina(Chlorophyceae) Affects the Quality of NaCl Crystals. Cryptogamie, Algologie, 2014, 35, 285-302.	0.9	3
74	Algae. Current Biology, 2014, 24, R590-R595.	3.9	41
75	Carbon allocation and element composition in four Chlamydomonas mutants defective in genes related to the CO <sub>2</sub> concentrating mechanism. Photosynthesis Research, 2014, 121, 201-211.	2.9	10
76	A novel SMARCAL1 mutation associated with a mild phenotype of Schimke immuno-osseous dysplasia (SIOD). BMC Nephrology, 2014, 15, 41.	1.8	29
77	Homeostasis: An underestimated focal point of ecology and evolution. Plant Science, 2013, 211, 92-101.	3.6	68
78	The biomass quality of algae used for CO <sub>2</sub> sequestration is highly species-specific and may vary over time. Journal of Applied Phycology, 2013, 25, 1431-1434.	2.8	14
79	A methodology for screening of microalgae as a decision making tool for energy and green chemical process applications. Clean Technologies and Environmental Policy, 2013, 15, 275-291.	4.1	35
80	Grazers and Phytoplankton Growth in the Oceans: an Experimental and Evolutionary Perspective. PLoS ONE, 2013, 8, e77349.	2.5	39
81	Preservation of Renal Function in Atypical Hemolytic Uremic Syndrome by Eculizumab: A Case Report. Pediatrics, 2012, 130, e1385-e1388.	2.1	32
82	Growth and photosynthesis of a diatom grown under elevated CO <sub>2</sub> in the presence of solar UV radiation. Fundamental and Applied Limnology, 2012, 180, 279-290.	0.7	32
83	Algal evolution in relation to atmospheric CO <sub>2</sub> : carboxylases, carbon-concentrating mechanisms and carbon oxidation cycles. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 493-507.	4.0	231
84	Is cell composition related to the phylogenesis of microalgae? An investigation using Hierarchical Cluster Analysis of Fourier Transform Infrared spectra of whole cells. Environmental and Experimental Botany, 2012, 75, 220-224.	4.2	20
85	Opportunities for multiple-beam synchrotron-based mid-infrared imaging at IRENI. Vibrational Spectroscopy, 2012, 60, 10-15.	2.2	17
86	FTIR spectra of algal species can be used as physiological fingerprints to assess their actual growth potential. Physiologia Plantarum, 2012, 146, 427-438.	5.2	60
87	Sulfur Assimilation in Photosynthetic Organisms: Molecular Functions and Regulations of Transporters and Assimilatory Enzymes. Annual Review of Plant Biology, 2011, 62, 157-184.	18.7	720
88	Impact of irradiance on the C allocation in the coastal marine diatom <i>Skeletonema marinoi</i> Sarno and Zingone*. Plant, Cell and Environment, 2011, 34, 1666-1677.	5.7	55
89	Did sulfate availability facilitate the evolutionary expansion of chlorophyll a+c phytoplankton in the oceans?. Geobiology, 2011, 9, 301-312.	2.4	56
90	ECOLOGICAL AND EVOLUTIONARY IMPLICATIONS OF CARBON ALLOCATION IN MARINE PHYTOPLANKTON AS A FUNCTION OF NITROGEN AVAILABILITY: A FOURIER TRANSFORM INFRARED SPECTROSCOPY APPROACH1. Journal of Phycology, 2011, 47, 313-323.	2.3	89

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91	IMPACT OF TAXONOMY, GEOGRAPHY, AND DEPTH ON $\delta^{13}\text{C}$ AND $\delta^{15}\text{N}$ VARIATION IN A LARGE COLLECTION OF MACROALGAE. <i>Journal of Phycology</i> , 2011, 47, 1023-1035.	2.3	49
92	Algal and aquatic plant carbon concentrating mechanisms in relation to environmental change. <i>Photosynthesis Research</i> , 2011, 109, 281-296.	2.9	218
93	Iron and silicic acid effects on phytoplankton productivity, diversity, and chemical composition in the central equatorial Pacific Ocean. <i>Limnology and Oceanography</i> , 2010, 55, 11-29.	3.1	42
94	Carbon and nitrogen fluxes in the marine coccolithophore <i>Emiliana huxleyi</i> grown under different nitrate concentrations. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 393, 1-8.	1.5	39
95	Compositional homeostasis of the dinoflagellate <i>Protoceratium reticulatum</i> grown at three different pCO <sub>2</sub> . <i>Journal of Plant Physiology</i> , 2010, 167, 110-113.	3.5	41
96	Spectroscopic classification of 14 different microalga species: first steps towards spectroscopic measurement of phytoplankton biodiversity. <i>Plant Ecology and Diversity</i> , 2009, 2, 155-164.	2.4	27
97	RESPONSES TO SOLAR UV RADIATION OF THE DIATOM <i>SKELETONEMA COSTATUM</i> (BACILLARIOPHYCEAE) GROWN AT DIFFERENT Zn <sup>2+</sup> CONCENTRATIONS. <i>Journal of Phycology</i> , 2009, 45, 119-129.	2.3	32
98	FOURIER TRANSFORM INFRARED SPECTROSCOPY OF MICROALGAE AS A NOVEL TOOL FOR BIODIVERSITY STUDIES, SPECIES IDENTIFICATION, AND THE ASSESSMENT OF WATER QUALITY. <i>Journal of Phycology</i> , 2009, 45, 522-531.	2.3	64
99	Biominaleralization by photosynthetic organisms: Evidence of coevolution of the organisms and their environment?. <i>Geobiology</i> , 2009, 7, 140-154.	2.4	51
100	Demountable Liquid/Flow Cell for <i>in vivo</i> Infrared Microspectroscopy of Biological Specimens. <i>Applied Spectroscopy</i> , 2009, 63, 1181-1186.	2.2	42
101	Acquisition and Metabolism of Inorganic Nutrients by <i>Dunaliella</i> . , 2009, , 173-187.		3
102	The odd behaviour of carbonic anhydrase in the terrestrial cyanobacterium <i>Nostoc flagelliforme</i> during hydration-dehydration cycles. <i>Environmental Microbiology</i> , 2008, 10, 1018-1023.	3.8	20
103	Insights into the evolution of CCMs from comparisons with other resource acquisition and assimilation processes. <i>Physiologia Plantarum</i> , 2008, 133, 4-14.	5.2	46
104	Role of Sulfur for Algae: Acquisition, Metabolism, Ecology and Evolution. <i>Advances in Photosynthesis and Respiration</i> , 2008, , 397-415.	1.0	21
105	Allocation of Sulfur to Sulfonium Compounds in Microalgae. , 2008, , 317-333.		8
106	Physiological responses of the green alga <i>Dunaliella parva</i> (Volvocales, Chlorophyta) to controlled incremental changes in the N source. <i>Functional Plant Biology</i> , 2007, 34, 925.	2.1	11
107	CO <sub>2</sub> -CONCENTRATING MECHANISMS OF THE POTENTIALLY TOXIC DINOFLAGELLATE <i>PROTOCERATIUM RETICULATUM</i> (DINOPHYCEAE, GONYAULACALES). <i>Journal of Phycology</i> , 2007, 43, 693-701.	2.3	67
108	Atopy in childhood idiopathic nephrotic syndrome. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007, 96, 561-566.	1.5	39

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109	Voiding urosonography as first step in the diagnosis of vesicoureteral reflux in children: a clinical experience. <i>Pediatric Radiology</i> , 2007, 37, 674-677.	2.0	38
110	Effect of prolonged dark incubation on pigments and photosynthesis of the cave-dwelling cyanobacterium <i>Phormidium autumnale</i> (Oscillatoriales, Cyanobacteria). <i>Phycologia</i> , 2006, 45, 704-710.	1.4	26
111	Homeostasis of cell composition during prolonged darkness. <i>Plant, Cell and Environment</i> , 2006, 29, 2198-2204.	5.7	36
112	Analysis of the nutritional status of algae by Fourier transform infrared chemical imaging. <i>Infrared Physics and Technology</i> , 2006, 49, 57-63.	2.9	46
113	Sulfur and phytoplankton: acquisition, metabolism and impact on the environment. <i>New Phytologist</i> , 2005, 166, 371-382.	7.3	119
114	Sulfur and primary production in aquatic environments: an ecological perspective. <i>Photosynthesis Research</i> , 2005, 86, 409-417.	2.9	46
115	Regulation of nitrate reductase in <i>Chlamydomonas reinhardtii</i> by the redox state of the plastoquinone pool. <i>European Journal of Phycology</i> , 2005, 40, 345-352.	2.0	45
116	Algae lacking carbon-concentrating mechanisms. <i>Canadian Journal of Botany</i> , 2005, 83, 879-890.	1.1	145
117	CO <sub>2</sub> CONCENTRATING MECHANISMS IN ALGAE: Mechanisms, Environmental Modulation, and Evolution. <i>Annual Review of Plant Biology</i> , 2005, 56, 99-131.	18.7	1,238
118	Clinical experience with darbepoietin alfa (NESP) in children undergoing hemodialysis. <i>Pediatric Nephrology</i> , 2004, 19, 337-340.	1.7	52
119	Influence of the nitrogen source and metabolites on the V <sub>max</sub> of phosphoenolpyruvate carboxylase from the unicellular green alga <i>Dunaliella parva</i> CCAP 19/9 (Volvocales, Chlorophyceae). <i>Phycologia</i> , 2003, 42, 133-137.	1.4	4
120	An Anaplerotic Role for Mitochondrial Carbonic Anhydrase in <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> , 2003, 132, 2126-2134.	4.8	103
121	Synchrotron-Based Infrared Imaging of <i>Euglena gracilis</i> Single Cells. , 2003, , 135-147.		0
122	Role of phosphoenol pyruvate carboxylase in anaplerosis in the green microalga <i>Dunaliella salina</i> cultured under different nitrogen regimes. <i>Physiologia Plantarum</i> , 2002, 116, 186-191.	5.2	35
123	Ecological implications of microalgal and cyanobacterial CO <sub>2</sub> concentrating mechanisms, and their regulation. <i>Functional Plant Biology</i> , 2002, 29, 335.	2.1	171
124	Interactions between C and N metabolism in <i>Dunaliella salina</i> cells cultured at elevated CO <sub>2</sub> and high N concentrations. <i>Journal of Plant Physiology</i> , 2001, 158, 577-581.	3.5	38
125	Inorganic carbon acquisition by <i>Dunaliella tertiolecta</i> (Chlorophyta) involves external carbonic anhydrase and direct HCO <sub>3</sub> <sup>-</sup> utilization insensitive to the anion exchange inhibitor DIDS. <i>European Journal of Phycology</i> , 2001, 36, 81-88.	2.0	4
126	FOURIER TRANSFORM INFRARED SPECTROSCOPY AS A NOVEL TOOL TO INVESTIGATE CHANGES IN INTRACELLULAR MACROMOLECULAR POOLS IN THE MARINE MICROALGA <i>CHAETOCEROS MUELLERII</i> (BACILLARIOPHYCEAE). <i>Journal of Phycology</i> , 2001, 37, 271-279.	2.3	258



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127	Inorganic carbon acquisition by <i>Dunaliella tertiolecta</i> (Chlorophyta) involves external carbonic anhydrase and direct HCO <sub>3</sub> <sup>-</sup> utilization insensitive to the anion exchange inhibitor DIDS. <i>European Journal of Phycology</i> , 2001, 36, 81-88.	2.0	37
128	Strategies for the Allocation of Resources under Sulfur Limitation in the Green Alga <i>Dunaliella salina</i> . <i>Plant Physiology</i> , 2000, 124, 857-864.	4.8	91
129	Photosynthesis in the caves of Frasassi (Italy). <i>Phycologia</i> , 2000, 39, 384-389.	1.4	19
130	Use of carbonic anhydrase in electrochemical biosensors for dissolved CO <sub>2</sub> . <i>Sensors and Actuators B: Chemical</i> , 1998, 48, 439-447.	7.8	18
131	Adaptation of <i>Dunaliella salina</i> (Volvocales, Chlorophyceae) to growth on NH <sub>4</sub> <sup>+</sup> as the sole nitrogen source. <i>Phycologia</i> , 1997, 36, 345-350.	1.4	23
132	Gas Exchange and C Allocation in <i>Dunaliella salina</i> Cells in Response to the N Source and CO <sub>2</sub> Concentration Used for Growth. <i>Plant Physiology</i> , 1997, 115, 1049-1056.	4.8	75
133	Biological and physical events involved in the origin, effects, and control of organic matter in solar saltworks. <i>International Journal of Salt Lake Research</i> , 1995, 4, 335-347.	0.1	40
134	Pseudotumour cerebri in an Italian girl with a kidney transplant. <i>Pediatric Nephrology</i> , 1995, 9, 672-672.	1.7	3
135	ORGANIC CARBON RELEASE BY DUNALIELLA SALINA (CHLOROPHYTA) UNDER DIFFERENT GROWTH CONDITIONS OF CO <sub>2</sub> , NITROGEN, AND SALINITY <sup>1</sup> . <i>Journal of Phycology</i> , 1994, 30, 249-257.	2.3	58
136	Distribution of carbonic anhydrase in British marine macroalgae. <i>Oecologia</i> , 1989, 81, 534-539.	2.0	97
137	Iron, nitrogen, phosphorus and zinc cycling and consequences for primary productivity in the oceans. <i>Journal of Phycology</i> , 1980, 16, 247-272.		13