

Mario Giordano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1318828/publications.pdf>

Version: 2024-02-01

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	CO ₂ CONCENTRATING MECHANISMS IN ALGAE: Mechanisms, Environmental Modulation, and Evolution. Annual Review of Plant Biology, 2005, 56, 99-131.	18.7	1,238
2	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
3	FOURIER TRANSFORM INFRARED SPECTROSCOPY AS A NOVEL TOOL TO INVESTIGATE CHANGES IN INTRACELLULAR MACROMOLECULAR POOLS IN THE MARINE MICROALGA CHAETOCEROS MUELLERII (BACILLARIOPHYCEAE). Journal of Phycology, 2001, 37, 271-279.	2.3	258
4	Algal evolution in relation to atmospheric CO ₂ : carboxylases, carbon-concentrating mechanisms and carbon oxidation cycles. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 493-507.	4.0	231
5	Algal and aquatic plant carbon concentrating mechanisms in relation to environmental change. Photosynthesis Research, 2011, 109, 281-296.	2.9	218
6	Energy costs of carbon dioxide concentrating mechanisms in aquatic organisms. Photosynthesis Research, 2014, 121, 111-124.	2.9	199
7	Ecological implications of microalgal and cyanobacterial CO ₂ concentrating mechanisms, and their regulation. Functional Plant Biology, 2002, 29, 335.	2.1	171
8	Algae lacking carbon-concentrating mechanisms. Canadian Journal of Botany, 2005, 83, 879-890.	1.1	145
9	Sulfur and phytoplankton: acquisition, metabolism and impact on the environment. New Phytologist, 2005, 166, 371-382.	7.3	119
10	Nitrogen and sulfur assimilation in plants and algae. Aquatic Botany, 2014, 118, 45-61.	1.6	108
11	An Anaplerotic Role for Mitochondrial Carbonic Anhydrase in Chlamydomonas reinhardtii. Plant Physiology, 2003, 132, 2126-2134.	4.8	103
12	Distribution of carbonic anhydrase in British marine macroalgae. Oecologia, 1989, 81, 534-539.	2.0	97
13	Strategies for the Allocation of Resources under Sulfur Limitation in the Green Alga Dunaliella salina. Plant Physiology, 2000, 124, 857-864.	4.8	91
14	ECOLOGICAL AND EVOLUTIONARY IMPLICATIONS OF CARBON ALLOCATION IN MARINE PHYTOPLANKTON AS A FUNCTION OF NITROGEN AVAILABILITY: A FOURIER TRANSFORM INFRARED SPECTROSCOPY APPROACH. Journal of Phycology, 2011, 47, 313-323.	2.3	89
15	The genetic and clinical spectrum of a large cohort of patients with distal renal tubular acidosis. Kidney International, 2017, 91, 1243-1255.	5.2	79
16	Gas Exchange and C Allocation in Dunaliella salina Cells in Response to the N Source and CO ₂ Concentration Used for Growth. Plant Physiology, 1997, 115, 1049-1056.	4.8	75
17	The mechanisms whereby the green alga <i>Chlorella ohadii</i> , isolated from desert soil crust, exhibits unparalleled photodamage resistance. New Phytologist, 2016, 210, 1229-1243.	7.3	74
18	Homeostasis: An underestimated focal point of ecology and evolution. Plant Science, 2013, 211, 92-101.	3.6	68

#	ARTICLE	IF	CITATIONS
19	CO ₂ 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
20	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
21	FTIR spectra of algal species can be used as physiological fingerprints to assess their actual growth potential. <i>Physiologia Plantarum</i> , 2012, 146, 427-438.	5.2	60
22	ORGANIC CARBON RELEASE BY DUNALIELLA SALINA (CHLOROPHYTA) UNDER DIFFERENT GROWTH CONDITIONS OF CO ₂ , NITROGEN, AND SALINITY. <i>Journal of Phycology</i> , 1994, 30, 249-257.	2.3	58
23	Did sulfate availability facilitate the evolutionary expansion of chlorophyll a+c phytoplankton in the oceans?. <i>Geobiology</i> , 2011, 9, 301-312.	2.4	56
24	Impact of irradiance on the C allocation in the coastal marine diatom <i>Skeletonema marinoi</i> Sarno and Zingone*. <i>Plant, Cell and Environment</i> , 2011, 34, 1666-1677.	5.7	55
25	Drivers of phytoplankton blooms in the northeastern Black Sea. <i>Marine Pollution Bulletin</i> , 2019, 138, 274-284.	5.0	53
26	Clinical experience with darbepoietin alfa (NESP) in children undergoing hemodialysis. <i>Pediatric Nephrology</i> , 2004, 19, 337-340.	1.7	52
27	Diversity and regulation of ATP sulfurylase in photosynthetic organisms. <i>Frontiers in Plant Science</i> , 2014, 5, 597.	3.6	52
28	Biom mineralization by photosynthetic organisms: Evidence of coevolution of the organisms and their environment?. <i>Geobiology</i> , 2009, 7, 140-154.	2.4	51
29	IMPACT OF TAXONOMY, GEOGRAPHY, AND DEPTH ON $\delta^{13}C$ AND $\delta^{15}N$ VARIATION IN A LARGE COLLECTION OF MACROALGAE. <i>Journal of Phycology</i> , 2011, 47, 1023-1035.	2.3	49
30	Sulfur and primary production in aquatic environments: an ecological perspective. <i>Photosynthesis Research</i> , 2005, 86, 409-417.	2.9	46
31	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
32	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
33	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
34	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
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	Compositional homeostasis of the dinoflagellate <i>Protoceratium reticulatum</i> grown at three different pCO ₂ . <i>Journal of Plant Physiology</i> , 2010, 167, 110-113.	3.5	41
38	Algae. <i>Current Biology</i> , 2014, 24, R590-R595.	3.9	41
39	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
40	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
41	Atopy in childhood idiopathic nephrotic syndrome. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007, 96, 561-566.	1.5	39
42	Carbon and nitrogen fluxes in the marine coccolithophore <i>Emiliania huxleyi</i> grown under different nitrate concentrations. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 393, 1-8.	1.5	39
43	Grazers and Phytoplankton Growth in the Oceans: an Experimental and Evolutionary Perspective. <i>PLoS ONE</i> , 2013, 8, e77349.	2.5	39
44	Interactions between C and N metabolism in <i>Dunaliella salina</i> cells cultured at elevated CO ₂ and high N concentrations. <i>Journal of Plant Physiology</i> , 2001, 158, 577-581.	3.5	38
45	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
46	Inorganic carbon acquisition by <i>Dunaliella tertiolecta</i> (Chlorophyta) involves external carbonic anhydrase and direct HCO ₃ ²⁻ utilization insensitive to the anion exchange inhibitor DIDS. <i>European Journal of Phycology</i> , 2001, 36, 81-88.	2.0	37
47	Homeostasis of cell composition during prolonged darkness. <i>Plant, Cell and Environment</i> , 2006, 29, 2198-2204.	5.7	36
48	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
49	A methodology for screening of microalgae as a decision making tool for energy and green chemical process applications. <i>Clean Technologies and Environmental Policy</i> , 2013, 15, 275-291.	4.1	35
50	Intraspecific chemical communication in microalgae. <i>New Phytologist</i> , 2017, 215, 516-530.	7.3	34
51	The acclimation of <i>Chlorella</i> to high-level nitrite for potential application in biological NO _x removal from industrial flue gases. <i>Journal of Plant Physiology</i> , 2016, 195, 73-79.	3.5	33
52	RESPONSES TO SOLAR UV RADIATION OF THE DIATOM <i>SKELETONEMA COSTATUM</i> (BACILLARIOPHYCEAE) GROWN AT DIFFERENT Zn ²⁺ CONCENTRATIONS. <i>Journal of Phycology</i> , 2009, 45, 119-129.	2.3	32
53	Preservation of Renal Function in Atypical Hemolytic Uremic Syndrome by Eculizumab: A Case Report. <i>Pediatrics</i> , 2012, 130, e1385-e1388.	2.1	32
54	Growth and photosynthesis of a diatom grown under elevated CO ₂ in the presence of solar UV radiation. <i>Fundamental and Applied Limnology</i> , 2012, 180, 279-290.	0.7	32

#	ARTICLE	IF	CITATIONS
55	The use of NH ₄ ⁺ rather than NO ₃ ⁻ 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
56	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
57	A novel SMARCAL1 mutation associated with a mild phenotype of Schimke immuno-osseous dysplasia (SIOD). <i>BMC Nephrology</i> , 2014, 15, 41.	1.8	29
58	Combined Nitrogen. , 2016, , 143-154.		29
59	Toward Enhanced Fixation of CO ₂ in Aquatic Biomass: Focus on Microalgae. <i>Frontiers in Energy Research</i> , 2020, 8, .	2.3	28
60	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
61	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
62	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
63	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
64	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
65	A pediatric neurologic assessment score may drive the eculizumab-based treatment of <i>Escherichia coli</i> -related hemolytic uremic syndrome with neurological involvement. <i>Pediatric Nephrology</i> , 2019, 34, 517-527.	1.7	24
66	Adaptation of <i>Dunaliella salina</i> (Volvocales, Chlorophyceae) to growth on NH ₄ ⁺ as the sole nitrogen source. <i>Phycologia</i> , 1997, 36, 345-350.	1.4	23
67	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
68	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
69	Role of Sulfur for Algae: Acquisition, Metabolism, Ecology and Evolution. <i>Advances in Photosynthesis and Respiration</i> , 2008, , 397-415.	1.0	21
70	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
71	Is cell composition related to the phylogenesis of microalgae? An investigation using Hierarchical Cluster Analysis of Fourier Transform Infrared spectra of whole cells. <i>Environmental and Experimental Botany</i> , 2012, 75, 220-224.	4.2	20
72	Photosynthesis in the caves of Frasassi (Italy). <i>Phycologia</i> , 2000, 39, 384-389.	1.4	19

#	ARTICLE	IF	CITATIONS
73	Sulphur and Algae: Metabolism, Ecology and Evolution. , 2016, , 185-209.		19
74	Use of carbonic anhydrase in electrochemical biosensors for dissolved CO ₂ . Sensors and Actuators B: Chemical, 1998, 48, 439-447.	7.8	18
75	Microalgae for Industrial Purposes. , 2018, , 133-167.		18
76	Opportunities for multiple-beam synchrotron-based mid-infrared imaging at IRENI. Vibrational Spectroscopy, 2012, 60, 10-15.	2.2	17
77	Evaluation of Dicentrarchus labrax Meats and the Vegetable Quality of Beta vulgaris var. cicla Farmed in Freshwater and Saltwater Aquaponic Systems. Water (Switzerland), 2016, 8, 423.	2.7	17
78	Genetic Analyses in Dent Disease and Characterization of CLCN5 Mutations in Kidney Biopsies. International Journal of Molecular Sciences, 2020, 21, 516.	4.1	17
79	Direct and indirect influence of sulfur availability on phytoplankton evolutionary trajectories. Journal of Phycology, 2016, 52, 1094-1102.	2.3	16
80	Increased Wnt and Notch signaling: a clue to the renal disease in Schimke immuno-osseous dysplasia?. Orphanet Journal of Rare Diseases, 2016, 11, 149.	2.7	16
81	The biomass quality of algae used for CO ₂ sequestration is highly species-specific and may vary over time. Journal of Applied Phycology, 2013, 25, 1431-1434.	2.8	14
82	Redox regulation of ATP sulfurylase in microalgae. Biochemical and Biophysical Research Communications, 2016, 478, 1555-1562.	2.1	14
83	Estimating and correcting interference fringes in infrared spectra in infrared hyperspectral imaging. Analyst, The, 2018, 143, 4674-4683.	3.5	14
84	Iron, nitrogen, phosphorus and zinc cycling and consequences for primary productivity in the oceans. , 0, , 247-272.		13
85	Taxonomy and growth conditions concur to determine the energetic suitability of algal fatty acid complements. Journal of Applied Phycology, 2015, 27, 1401-1413.	2.8	13
86	The phycobilisomes of Synechococcus sp. are constructed to minimize nitrogen use in nitrogen-limited cells and to maximize energy capture in energy-limited cells. Environmental and Experimental Botany, 2018, 150, 152-160.	4.2	13
87	Case-management protocol for bloody diarrhea as a model to reduce the clinical impact of Shiga toxin-producing Escherichia coli infections. Experience from Southern Italy. European Journal of Clinical Microbiology and Infectious Diseases, 2020, 39, 539-547.	2.9	13
88	Inorganic carbon concentrating mechanisms in free-living and symbiotic dinoflagellates and chromerids. Journal of Phycology, 2020, 56, 1377-1397.	2.3	13
89	The relative availability of inorganic carbon and inorganic nitrogen influences the response of the dinoflagellate <i>Protoceratium reticulatum</i> to elevated CO ₂ . Journal of Phycology, 2017, 53, 298-307.	2.3	12
90	Management of STEC Gastroenteritis: Is There a Role for Probiotics?. International Journal of Environmental Research and Public Health, 2019, 16, 1649.	2.6	12

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	Low C3 Serum Levels Predict Severe Forms of STEC-HUS With Neurologic Involvement. <i>Frontiers in Medicine</i> , 2020, 7, 357.	2.6	12
94	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
95	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
96	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
97	Carbon allocation and element composition in four <i>Chlamydomonas</i> mutants defective in genes related to the CO ₂ concentrating mechanism. <i>Photosynthesis Research</i> , 2014, 121, 201-211.	2.9	10
98	A tale of two eras: Phytoplankton composition influenced by oceanic paleochemistry. <i>Geobiology</i> , 2018, 16, 498-506.	2.4	10
99	Rapid detection and quantification of haptophyte alkenones by Fourier transform infrared spectroscopy (FTIR). <i>Algal Research</i> , 2016, 19, 48-56.	4.6	9
100	Herbivory in the soft coral <i>Sinularia flexibilis</i> (Alcyoniidae). <i>Scientific Reports</i> , 2016, 6, 22679.	3.3	9
101	Changes in lipid and carotenoid metabolism in <i>Chlamydomonas reinhardtii</i> during induction of CO ₂ -concentrating mechanism: Cellular response to low CO ₂ stress. <i>Algal Research</i> , 2020, 52, 102099.	4.6	9
102	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
103	Allocation of Sulfur to Sulfonium Compounds in Microalgae. , 2008, , 317-333.		8
104	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
105	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
106	The impact of fluctuating light on the dinoflagellate <i>Prorocentrum micans</i> depends on NO ₃ ⁻ and CO ₂ availability. <i>Journal of Plant Physiology</i> , 2015, 180, 18-26.	3.5	7
107	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
108	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

#	ARTICLE	IF	CITATIONS
109	Could the interaction between LMX1B and PAX2 influence the severity of renal symptoms?. European Journal of Human Genetics, 2018, 26, 1708-1712.	2.8	6
110	Inorganic carbon uptake in a freshwater diatom, <i>Asterionella formosa</i> (Bacillariophyceae): from ecology to genomics. Phycologia, 2021, 60, 427-438.	1.4	6
111	Photochemical responses of the diatom <i>Skeletonema costatum</i> grown under elevated CO ₂ concentrations to short-term changes in pH. Aquatic Biology, 2015, 23, 109-118.	1.4	6
112	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. Frontiers in Plant Science, 2020, 11, 578915.	3.6	5
113	A shift away from mutualism under food-deprived conditions in an anemone-dinoflagellate association. PeerJ, 2020, 8, e9745.	2.0	5
114	Inorganic carbon acquisition by <i>Dunaliella tertiolecta</i> (Chlorophyta) involves external carbonic anhydrase and direct HCO ₃ ⁻ utilization insensitive to the anion exchange inhibitor DIDS. European Journal of Phycology, 2001, 36, 81-88.	2.0	4
115	Influence of the nitrogen source and metabolites on the V _{max} of phosphoenolpyruvate carboxylase from the unicellular green alga <i>Dunaliella parva</i> CCAP 19/9 (Volvocales, Chlorophyceae). Phycologia, 2003, 42, 133-137.	1.4	4
116	Haemodiafiltration use in children: data from the Italian Pediatric Dialysis Registry. Pediatric Nephrology, 2019, 34, 1057-1063.	1.7	4
117	Electron & Biomass Dynamics of Cyanothecae Under Interacting Nitrogen & Carbon Limitations. Frontiers in Microbiology, 2021, 12, 617802.	3.5	4
118	Pseudotumour cerebri in an Italian girl with a kidney transplant. Pediatric Nephrology, 1995, 9, 672-672.	1.7	3
119	<i>Dunaliella salina</i> (Chlorophyceae) Affects the Quality of NaCl Crystals. Cryptogamie, Algologie, 2014, 35, 285-302.	0.9	3
120	Intraspecific interactions between algae with different nutritional histories. Journal of Phycology, 2018, 54, 423-427.	2.3	3
121	Life at elevated CO ₂ modifies the cell composition of <i>Chromera velia</i> (Chromerida). European Journal of Phycology, 2018, 53, 58-66.	2.0	3
122	The effect of light quality and quantity on carbon allocation in <i>Chromera velia</i> . Folia Microbiologica, 2019, 64, 655-662.	2.3	3
123	Acquisition and Metabolism of Inorganic Nutrients by <i>Dunaliella</i> . , 2009, , 173-187.		3
124	Calibrating the triple oxygen isotope signature of cultured diatoms. Limnology and Oceanography, 2021, 66, 4254-4266.	3.1	3
125	Different Nutritional Histories Affect the Susceptibility of Algae to Grazing. Journal of Phycology, 2019, 55, 997-1010.	2.3	2
126	Changes in ATP Sulfurylase Activity in Response to Altered Cyanobacteria Growth Conditions. Microbes and Environments, 2021, 36, n/a.	1.6	2

#	ARTICLE	IF	CITATIONS
127	Time lapse synchrotron IR chemical imaging for observing the acclimation of a single algal cell to CO2 treatment. Scientific Reports, 2021, 11, 13246.	3.3	2
128	Therapeutic Approach for Recurrent Focal Segmental Glomerulosclerosis in Pediatric Renal Transplant Recipients: A Single-Center Experience. Blood Purification, 2022, 51, 847-856.	1.8	2
129	Aneurysmal bone cyst does not hinder the success of kidney transplantation. A case report. Pediatric Transplantation, 2015, 19, E33-6.	1.0	1
130	Does growth rate affect diatom compositional response to temperature?. Phycologia, 2021, 60, 462-472.	1.4	1
131	Resource allocation in <i>Chlamydomonas reinhardtii</i> exposed to sulphur starvation and anaerobiosis. Phycologia, 2021, 60, 473-486.	1.4	1
132	A mechanistic study of the influence of nitrogen and energy availability on the NH4+ sensitivity of nitrogen assimilation in <i>Synechococcus</i> . Journal of Experimental Botany, 2022, 73, 5596-5611.	4.8	1
133	Urine with stones: nephrocalcinosis and vitamin D. Italian Journal of Pediatrics, 2014, 40, .	2.6	0
134	Mid-Aortic Syndrome: A Rare Cause of Renovascular Hypertension in Childhood Treated Percutaneously with an Unusual Vascular Access. Current Pediatric Reviews, 2021, 16, 320-324.	0.8	0
135	Synchrotron-Based Infrared Imaging of <i>Euglena gracilis</i> Single Cells. , 2003, , 135-147.		0
136	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
137	The Unobservability of the Temporal Scale in Biological Studies. , 2020, , 505-527.		0