

# Douglas A Campbell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1914854/publications.pdf>

Version: 2024-02-01

125  
papers

5,973  
citations

66234

42  
h-index

82410

72  
g-index

129  
all docs

129  
docs citations

129  
times ranked

4585  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shifts in growth light optima among diatom species support their succession during the spring bloom in the Arctic. <i>Journal of Ecology</i> , 2022, 110, 1356-1375.	1.9	12
2	Diffusional Interactions among Marine Phytoplankton and Bacterioplankton: Modelling H <sub>2</sub> O <sub>2</sub> as a Case Study. <i>Microorganisms</i> , 2022, 10, 821.	1.6	4
3	Photosynthetic Light Reactions in Diatoms. II. The Dynamic Regulation of the Various Light Reactions. , 2022, , 423-464.		9
4	Photoinhibition: Fundamentals and Implications for Primary Productivity. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2022, , 809-822.	0.0	0
5	Contrasting nonphotochemical quenching patterns under high light and darkness aligns with light niche occupancy in Arctic diatoms. <i>Limnology and Oceanography</i> , 2021, 66, S231.	1.6	22
6	OUP accepted manuscript. , 2021, 9, coab062.		3
7	Photoinhibition: Fundamentals and Implications for Primary Productivity. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2021, , 1-13.	0.0	0
8	Ocean acidification interacts with growth light to suppress CO <sub>2</sub> acquisition efficiency and enhance mitochondrial respiration in a coastal diatom. <i>Marine Pollution Bulletin</i> , 2021, 163, 112008.	2.3	7
9	Photoinhibition in optically thick samples: Effects of light attenuation on chlorophyll fluorescence-based parameters. <i>Journal of Theoretical Biology</i> , 2021, 513, 110580.	0.8	21
10	Single-Turnover Variable Chlorophyll Fluorescence as a Tool for Assessing Phytoplankton Photosynthesis and Primary Productivity: Opportunities, Caveats and Recommendations. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	27
11	Fred Chow: the contributions of a quiet giant of photoinhibition and photoprotection. <i>Functional Plant Biology</i> , 2021, , .	1.1	3
12	Calculation and Interpretation of Substrate Assimilation Rates in Microbial Cells Based on Isotopic Composition Data Obtained by nanoSIMS. <i>Frontiers in Microbiology</i> , 2021, 12, 621634.	1.5	4
13	Response of the sea-ice diatom <i>Fragilariopsis cylindrus</i> to simulated polar night darkness and return to light. <i>Limnology and Oceanography</i> , 2020, 65, 1041-1060.	1.6	16
14	Algal photophysiology drives darkening and melt of the Greenland Ice Sheet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5694-5705.	3.3	81
15	Ocean acidification interacts with variable light to decrease growth but increase particulate organic nitrogen production in a diatom. <i>Marine Environmental Research</i> , 2020, 160, 104965.	1.1	7
16	Photoinhibition of Photosystem II in Phytoplankton: Processes and Patterns. <i>Advances in Photosynthesis and Respiration</i> , 2020, , 329-365.	1.0	18
17	Divergence of photosynthetic strategies amongst marine diatoms. <i>PLoS ONE</i> , 2020, 15, e0244252.	1.1	18
18	Decoupling light harvesting, electron transport and carbon fixation during prolonged darkness supports rapid recovery upon re-illumination in the Arctic diatom <i>Chaetoceros neogracilis</i> . <i>Polar Biology</i> , 2019, 42, 1787-1799.	0.5	31

#	ARTICLE	IF	CITATIONS
19	Functional responses of smaller and larger diatoms to gradual CO <sub>2</sub> rise. <i>Science of the Total Environment</i> , 2019, 680, 79-90.	3.9	15
20	Photosynthetic electron transport transients in <i>Chlorella vulgaris</i> under fluctuating light. <i>Algal Research</i> , 2019, 44, 101713.	2.4	16
21	High antioxidant capability interacts with respiration to mediate two <i>Alexandrium</i> species growth exploitation of photoperiods and light intensities. <i>Harmful Algae</i> , 2019, 82, 26-34.	2.2	14
22	Global warming interacts with ocean acidification to alter PSII function and protection in the diatom <i>Thalassiosira weissflogii</i> . <i>Environmental and Experimental Botany</i> , 2018, 147, 95-103.	2.0	46
23	Strain specific differences in rates of Photosystem II repair in picocyanobacteria correlate to differences in FtsH protein levels and isoform expression patterns. <i>PLoS ONE</i> , 2018, 13, e0209115.	1.1	9
24	Roadmaps and Detours: Active Chlorophyll- <i>a</i> Assessments of Primary Productivity Across Marine and Freshwater Systems. <i>Environmental Science &amp; Technology</i> , 2018, 52, 12039-12054.	4.6	49
25	Phytoplankton PSII and Excitation Dissipation; Implications for Estimates of Primary Productivity. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	14
26	Nitrogen starvation induces distinct photosynthetic responses and recovery dynamics in diatoms and prasinophytes. <i>PLoS ONE</i> , 2018, 13, e0195705.	1.1	47
27	Time-dependent upregulation of electron transport with concomitant induction of regulated excitation dissipation in <i>Haslea</i> diatoms. <i>Photosynthesis Research</i> , 2018, 137, 377-388.	1.6	20
28	Elemental Stoichiometry and Photophysiology Regulation of <i>Synechococcus</i> sp. PCC7002 Under Increasing Severity of Chronic Iron Limitation. <i>Plant and Cell Physiology</i> , 2018, 59, 1803-1816.	1.5	8
29	Interactive effects of nitrogen and light on growth rates and RUBISCO content of small and large centric diatoms. <i>Photosynthesis Research</i> , 2017, 131, 93-103.	1.6	17
30	Quantitating active photosystem II reaction center content from fluorescence induction transients. <i>Limnology and Oceanography: Methods</i> , 2017, 15, 54-69.	1.0	26
31	Connectivity among Photosystem II centers in phytoplankters: Patterns and responses. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2017, 1858, 459-474.	0.5	22
32	Short-term elevated CO <sub>2</sub> exposure stimulated photochemical performance of a coastal marine diatom. <i>Marine Environmental Research</i> , 2017, 125, 42-48.	1.1	10
33	Diatom growth responses to photoperiod and light are predictable from diel reductant generation. <i>Journal of Phycology</i> , 2017, 53, 95-107.	1.0	21
34	Arctic <i>Micromonas</i> uses protein pools and non-photochemical quenching to cope with temperature restrictions on Photosystem II protein turnover. <i>Photosynthesis Research</i> , 2017, 131, 203-220.	1.6	42
35	Photoinactivation of Photosystem II in <i>Prochlorococcus</i> and <i>Synechococcus</i> . <i>PLoS ONE</i> , 2017, 12, e0168991.	1.1	36
36	Sinking towards destiny: High throughput measurement of phytoplankton sinking rates through time-resolved fluorescence plate spectroscopy. <i>PLoS ONE</i> , 2017, 12, e0185166.	1.1	10

#	ARTICLE	IF	CITATIONS
37	A Hard Day's Night: Diatoms Continue Recycling Photosystem II in the Dark. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	28
38	Under high light stress two Indo-Pacific coral species display differential photodamage and photorepair dynamics. <i>Marine Biology</i> , 2016, 163, 1.	0.7	7
39	Photosystem II repair in marine diatoms with contrasting photophysiology. <i>Photosynthesis Research</i> , 2016, 127, 189-199.	1.6	42
40	The RUBISCO to Photosystem II Ratio Limits the Maximum Photosynthetic Rate in Picocyanobacteria. <i>Life</i> , 2015, 5, 403-417.	1.1	34
41	Changes in the Rubisco to photosystem ratio dominates photoacclimation across phytoplankton taxa. <i>Photosynthesis Research</i> , 2015, 124, 275-291.	1.6	13
42	Electron transport kinetics in the diazotrophic cyanobacterium <i>Trichodesmium</i> spp. grown across a range of light levels. <i>Photosynthesis Research</i> , 2015, 124, 45-56.	1.6	10
43	The nitrogen costs of photosynthesis in a diatom under current and future $pCO_2$ . <i>New Phytologist</i> , 2015, 205, 533-543.	3.5	59
44	Large centric diatoms allocate more cellular nitrogen to photosynthesis to counter slower RUBISCO turnover rates. <i>Frontiers in Marine Science</i> , 2014, 1, .	1.2	19
45	Photophysiological responses of marine diatoms to elevated CO <sub>2</sub> and decreased pH: a review. <i>Functional Plant Biology</i> , 2014, 41, 449.	1.1	169
46	Photophysiology of <i>Bolidomonas pacifica</i> . <i>Journal of Plankton Research</i> , 2014, 36, 596-596.	0.8	0
47	Ocean acidification enhances the growth rate of larger diatoms. <i>Limnology and Oceanography</i> , 2014, 59, 1027-1034.	1.6	135
48	Faster recovery of a diatom from UV damage under ocean acidification. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 140, 249-254.	1.7	15
49	Thermal bleaching induced changes in photosystem II function not reflected by changes in photosystem II protein content of <i>Stylophora pistillata</i> . <i>Coral Reefs</i> , 2014, 33, 131-139.	0.9	11
50	Photosystem II protein clearance and FtsH function in the diatom <i>Thalassiosira pseudonana</i> . <i>Photosynthesis Research</i> , 2013, 115, 43-54.	1.6	42
51	Increased reliance upon photosystem II repair following acclimation to high-light by coral-dinoflagellate symbioses. <i>Photosynthesis Research</i> , 2013, 118, 219-229.	1.6	30
52	Ocean Acidification Alters the Photosynthetic Responses of a Coccolithophorid to Fluctuating Ultraviolet and Visible Radiation. <i>Plant Physiology</i> , 2013, 162, 2084-2094.	2.3	45
53	Photophysiology of <i>Bolidomonas pacifica</i> . <i>Journal of Plankton Research</i> , 2013, 35, 260-269.	0.8	11
54	Photophysiological and Photosynthetic Complex Changes during Iron Starvation in <i>Synechocystis</i> sp. PCC 6803 and <i>Synechococcus elongatus</i> PCC 7942. <i>PLoS ONE</i> , 2013, 8, e59861.	1.1	72

#	ARTICLE	IF	CITATIONS
55	Rising CO <sub>2</sub> Interacts with Growth Light and Growth Rate to Alter Photosystem II Photoinactivation of the Coastal Diatom <i>Thalassiosira pseudonana</i> . <i>PLoS ONE</i> , 2013, 8, e55562.	1.1	85
56	Photosystem II Photoinactivation, Repair, and Protection in Marine Centric Diatoms. <i>Plant Physiology</i> , 2012, 160, 464-476.	2.3	86
57	Effects of Light, Food Availability and Temperature Stress on the Function of Photosystem II and Photosystem I of Coral Symbionts. <i>PLoS ONE</i> , 2012, 7, e30167.	1.1	76
58	Influence of Cell Size and DNA Content on Growth Rate and Photosystem II Function in Cryptic Species of <i>Ditylum brightwellii</i> . <i>PLoS ONE</i> , 2012, 7, e52916.	1.1	14
59	Parameterization of photosystem II photoinactivation and repair. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 258-265.	0.5	148
60	ELEVATED CARBON DIOXIDE DIFFERENTIALLY ALTERS THE PHOTOPHYSIOLOGY OF <i>THALASSIOSIRA PSEUDONANA</i> (BACILLARIOPHYCEAE) AND <i>EMILIANA HUXLEYI</i> (HAPTOPHYTA). <i>Journal of Phycology</i> , 2012, 48, 635-646.	1.0	83
61	Physiological characterization and light response of the CO <sub>2</sub> -concentrating mechanism in the filamentous cyanobacterium <i>Leptolyngbya</i> sp. CCCC 696. <i>Photosynthesis Research</i> , 2011, 109, 85-101.	1.6	13
62	Distinctive Photosystem II Photoinactivation and Protein Dynamics in Marine Diatoms. <i>Plant Physiology</i> , 2011, 156, 2184-2195.	2.3	92
63	Light History Influences the Response of the Marine Cyanobacterium <i>Synechococcus</i> sp. WH7803 to Oxidative Stress. <i>Plant Physiology</i> , 2011, 156, 1934-1954.	2.3	54
64	Increased rate of D1 repair in coral symbionts during bleaching is insufficient to counter accelerated photoinactivation. <i>Limnology and Oceanography</i> , 2011, 56, 139-146.	1.6	78
65	Rapid photoprotection in sea ice diatoms from the East Antarctic pack ice. <i>Limnology and Oceanography</i> , 2010, 55, 1400-1407.	1.6	43
66	Physiological basis for high resistance to photoinhibition under nitrogen depletion in <i>Emiliana huxleyi</i> . <i>Limnology and Oceanography</i> , 2010, 55, 2150-2160.	1.6	68
67	Cell size tradeoffs govern light exploitation strategies in marine phytoplankton. <i>Environmental Microbiology</i> , 2010, 12, 95-104.	1.8	215
68	Regulation of nitrogen metabolism in the marine diazotroph <i>Trichodesmium</i> IMS101 under varying temperatures and atmospheric CO <sub>2</sub> concentrations. <i>Environmental Microbiology</i> , 2010, 12, 1899-1912.	1.8	47
69	Photosystem II and Pigment Dynamics among Ecotypes of the Green Alga <i>Ostreococcus</i> . <i>Plant Physiology</i> , 2009, 151, 379-390.	2.3	64
70	Flux capacities and acclimation costs in <i>Trichodesmium</i> from the Gulf of Mexico. <i>Marine Biology</i> , 2008, 154, 413-422.	0.7	96
71	Function and evolution of the <i>psbA</i> gene family in marine <i>Synechococcus</i> : <i>Synechococcus</i> sp. WH7803 as a case study. <i>ISME Journal</i> , 2008, 2, 937-953.	4.4	45
72	The <i>psbA</i> gene family responds differentially to light and UVB stress in <i>Gloeobacter violaceus</i> PCC 7421, a deeply divergent cyanobacterium. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 130-139.	0.5	34

#	ARTICLE	IF	CITATIONS
73	Interaction of nitrogen status and UVB sensitivity in a temperate phytoplankton assemblage. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 359, 67-76.	0.7	40
74	Contrasting photoacclimation costs in ecotypes of the marine eukaryotic picoplankton <i>Ostreococcus</i> . <i>Limnology and Oceanography</i> , 2008, 53, 255-265.	1.6	83
75	Macromolecular dynamics of the photosynthetic system over a seasonal developmental progression in <i>Spartina alterniflora</i> . <i>Canadian Journal of Botany</i> , 2007, 85, 476-483.	1.2	5
76	Light Variability Illuminates Niche-Partitioning among Marine Picocyanobacteria. <i>PLoS ONE</i> , 2007, 2, e1341.	1.1	108
77	Resource dynamics during infection of <i>Micromonas pusilla</i> by virus MpV $\phi$ 1. <i>Environmental Microbiology</i> , 2007, 9, 2720-2727.	1.8	34
78	Sensitivity of Cyanobacterial Antenna, Reaction Center and CO <sub>2</sub> Assimilation Transcripts and Proteins to Moderate UVB: Light Acclimation Potentiates Resistance to UVB. <i>Photochemistry and Photobiology</i> , 2007, 77, 405-412.	1.3	0
79	Excitation energy partitioning and quenching during cold acclimation in Scots pine. <i>Tree Physiology</i> , 2006, 26, 325-336.	1.4	54
80	Cyanobacterial psbA families in <i>Anabaena</i> and <i>Synechocystis</i> encode trace, constitutive and UVB-induced D1 isoforms. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 47-56.	0.5	75
81	INORGANIC CARBON REPLETION CONSTRAINS STEADY-STATE LIGHT ACCLIMATION IN THE CYANOBACTERIUM <i>SYNECHOCOCCUS ELONGATUS</i> 1. <i>Journal of Phycology</i> , 2006, 42, 610-621.	1.0	18
82	UVB Effects on the Photosystem II-D1 Protein of Phytoplankton and Natural Phytoplankton Communities. <i>Photochemistry and Photobiology</i> , 2006, 82, 936.	1.3	62
83	Are phytoplankton population density maxima predictable through analysis of host and viral genomic DNA content?. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2006, 86, 491-498.	0.4	34
84	CYANOBACTERIAL ACCLIMATION TO RAPIDLY FLUCTUATING LIGHT IS CONSTRAINED BY INORGANIC CARBON STATUS1. <i>Journal of Phycology</i> , 2005, 41, 801-811.	1.0	13
85	INORGANIC CARBON REPLETION DISRUPTS PHOTOSYNTHETIC ACCLIMATION TO LOW TEMPERATURE IN THE CYANOBACTERIUM <i>SYNECHOCOCCUS ELONGATUS</i> 1. <i>Journal of Phycology</i> , 2005, 41, 322-334.	1.0	24
86	EFFECTS OF UV-B RADIATION ON THE D1 PROTEIN REPAIR CYCLE OF NATURAL PHYTOPLANKTON COMMUNITIES FROM THREE LATITUDES (CANADA, BRAZIL, AND ARGENTINA)1. <i>Journal of Phycology</i> , 2005, 41, 273-286.	1.0	67
87	Ultraviolet-B effects on photosystem II efficiency of natural phytoplankton communities from Antarctica. <i>Polar Biology</i> , 2005, 28, 607-618.	0.5	23
88	Chlorosis during nitrogen starvation is altered by carbon dioxide and temperature status and is mediated by the ClpPI protease in <i>Synechococcus elongatus</i> . <i>Archives of Microbiology</i> , 2005, 183, 66-69.	1.0	15
89	Large reallocations of carbon, nitrogen, and photosynthetic reductant among phycobilisomes, photosystems, and Rubisco during light acclimation in <i>Synechococcus elongatus</i> strain PCC7942 are constrained in cells under low environmental inorganic carbon. <i>Archives of Microbiology</i> , 2005, 183, 190-202.	1.0	15
90	Dynamics of Fluxes Through Photosynthetic Complexes in Response to Changing Light and Inorganic Carbon Acclimation in <i>Synechococcus elongatus</i> . <i>Photosynthesis Research</i> , 2005, 85, 341-357.	1.6	10

#	ARTICLE	IF	CITATIONS
91	Light is required for low-CO <sub>2</sub> -mediated induction of transcripts encoding components of the CO <sub>2</sub> -concentrating mechanism in the cyanobacterium <i>Synechococcus elongatus</i> : analysis by quantitative reverse transcription - polymerase chain reaction. <i>Canadian Journal of Botany</i> , 2005, 83, 711-720.	1.2	7
92	Environmental change provokes rapid macromolecular reallocations within the photosynthetic system in a static population of photobionts in the lichen <i>Lobaria pulmonaria</i> . <i>Lichenologist</i> , 2004, 36, 425-433.	0.5	14
93	Intermittent low temperatures constrain spring recovery of photosynthesis in boreal Scots pine forests. <i>Global Change Biology</i> , 2004, 10, 995-1008.	4.2	197
94	Carbon Status Constrains Light Acclimation in the Cyanobacterium <i>Synechococcus elongatus</i> . <i>Plant Physiology</i> , 2004, 136, 3301-3312.	2.3	52
95	Developmental progression of photosystem II electron transport and CO <sub>2</sub> uptake in <i>Spartina alterniflora</i> , a facultative halophyte, in a northern salt marsh. <i>Canadian Journal of Botany</i> , 2004, 82, 365-375.	1.2	10
96	Developmental Change in CO <sub>2</sub> Compensation Concentrations in <i>Spartina alterniflora</i> Results from Sigmoidal Photosynthetic CO <sub>2</sub> Responses. <i>Photosynthetica</i> , 2003, 41, 365-372.	0.9	3
97	Analysing photosynthetic complexes in uncharacterized species or mixed microalgal communities using global antibodies. <i>Physiologia Plantarum</i> , 2003, 119, 322-327.	2.6	27
98	Changes in macromolecular allocation in nondividing algal symbionts allow for photosynthetic acclimation in the lichen <i>Lobaria pulmonaria</i> . <i>New Phytologist</i> , 2003, 159, 709-718.	3.5	32
99	Sensitivity of Cyanobacterial Antenna, Reaction Center and CO <sub>2</sub> Assimilation Transcripts and Proteins to Moderate UVB: Light Acclimation Potentiates Resistance to UVB. <i>Photochemistry and Photobiology</i> , 2003, 77, 405.	1.3	22
100	Seasonal changes in chlorophyll fluorescence quenching and the induction and capacity of the photoprotective xanthophyll cycle in <i>Lobaria pulmonaria</i> . <i>Canadian Journal of Botany</i> , 2002, 80, 255-261.	1.2	30
101	Seasonal changes in temperature and light drive acclimation of photosynthetic physiology and macromolecular content in <i>Lobaria pulmonaria</i> . <i>Planta</i> , 2001, 214, 57-66.	1.6	55
102	Temperature profoundly affects coupling of photosynthetic electron transport and CO <sub>2</sub> uptake in <i>Lobaria pulmonaria</i> : a case for measurement at field-ambient temperatures. <i>Lichenologist</i> , 2001, 33, 453-455.	0.5	4
103	Title is missing!. <i>Hydrobiologia</i> , 2000, 438, 91-97.	1.0	2
104	Oxygen-dependent electron flow influences photosystem II function and <i>psbA</i> gene expression in the cyanobacterium <i>Synechococcus</i> sp. PCC 7942. <i>Physiologia Plantarum</i> , 1999, 105, 746-755.	2.6	23
105	Membrane lipid composition and restoration of photosynthesis during low temperature acclimation in <i>Synechococcus</i> sp. strain PCC 7942. <i>Physiologia Plantarum</i> , 1998, 104, 405-412.	2.6	9
106	Photosynthetic capacity in relation to nitrogen content and its partitioning in lichens with different photobionts. <i>Plant, Cell and Environment</i> , 1998, 21, 361-372.	2.8	62
107	The cyanobacterium <i>Synechococcus</i> resists UV-B by exchanging photosystem II reaction-center D1 proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 364-369.	3.3	176
108	Chlorophyll Fluorescence Analysis of Cyanobacterial Photosynthesis and Acclimation. <i>Microbiology and Molecular Biology Reviews</i> , 1998, 62, 667-683.	2.9	677

#	ARTICLE	IF	CITATIONS
109	Prochlorothrix hollandica PCC 9006: genomic properties of an axenic representative of the chlorophyll a/b-containing oxyphotobacteria. <i>Research in Microbiology</i> , 1997, 148, 345-354.	1.0	16
110	Predicting CO <sub>2</sub> gain and photosynthetic light acclimation from fluorescence yield and quenching in cyano-lichens. <i>Planta</i> , 1997, 201, 138-145.	1.6	59
111	Effect of the Nitrogen Source on Phycobiliprotein Synthesis and Cell Reserves in A Chromatically Adapting Filamentous Cyanobacterium. <i>Microbiology (United Kingdom)</i> , 1996, 142, 611-622.	0.7	101
112	D1 exchange and the Photosystem II repair cycle in the cyanobacterium <i>Synechococcus</i> . <i>Plant Science</i> , 1996, 115, 183-190.	1.7	14
113	Membrane lipid composition of the unusual cyanobacterium <i>Gloeobacter violaceus</i> sp. PCC 7421, which lacks sulfoquinovosyl diacylglycerol. <i>Archives of Microbiology</i> , 1996, 166, 132-135.	1.0	55
114	Predicting Light Acclimation in Cyanobacteria from Nonphotochemical Quenching of Photosystem II Fluorescence, Which Reflects State Transitions in These Organisms. <i>Plant Physiology</i> , 1996, 111, 1293-1298.	2.3	130
115	Two forms of the Photosystem II D1 protein alter energy dissipation and state transitions in the cyanobacterium <i>Synechococcus</i> sp. PCC 7942. <i>Photosynthesis Research</i> , 1996, 47, 131-144.	1.6	46
116	Modification of the pII protein in response to carbon and nitrogen availability in filamentous heterocystous cyanobacteria. <i>FEMS Microbiology Letters</i> , 1996, 144, 185-190.	0.7	16
117	Inactivation of the petE Gene for Plastocyanin Lowers Photosynthetic Capacity and Exacerbates Chilling-Induced Photoinhibition in the Cyanobacterium <i>Synechococcus</i> . <i>Plant Physiology</i> , 1996, 112, 1551-1561.	2.3	30
118	Complementary chromatic adaptation alters photosynthetic strategies in the cyanobacterium <i>Calothrix</i> . <i>Microbiology (United Kingdom)</i> , 1996, 142, 1255-1263.	0.7	68
119	The cyanobacterium <i>Synechococcus</i> modulates Photosystem II function in response to excitation stress through D1 exchange. <i>Photosynthesis Research</i> , 1995, 46, 151-158.	1.6	51
120	Dynamic responses of photosystem II and phycobilisomes to changing light in the cyanobacterium <i>Synechococcus</i> sp. PCC 7942. <i>Planta</i> , 1995, 197, 553.	1.6	42
121	Seasonal changes in photosystem II organisation and pigment composition in <i>Pinus sylvestris</i> . <i>Planta</i> , 1995, 197, 176.	1.6	300
122	Electron Transport Regulates Cellular Differentiation in the Filamentous Cyanobacterium <i>Calothrix</i> . <i>Plant Cell</i> , 1993, 5, 451.	3.1	29
123	Differential Detergent Stability of the Major Light-Harvesting Complex II in Thylakoids Isolated from Monocotyledonous and Dicotyledonous Plants. <i>Plant Physiology</i> , 1992, 99, 830-836.	2.3	12
124	Developmental Regulation of Enzymes of Indole Alkaloid Biosynthesis in <i>Catharanthus roseus</i> . <i>Plant Physiology</i> , 1988, 86, 447-450.	2.3	128
125	Modification of the pII protein in response to carbon and nitrogen availability in filamentous heterocystous cyanobacteria. , 0, .		3