

Norman P A Häner

List of Publications by Year in descending order

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126
papers

8,811
citations

41344

49
h-index

45317

90
g-index

127
all docs

127
docs citations

127
times ranked

6729
citing authors

#	ARTICLE	IF	CITATIONS
1	A constitutive stress response is a result of low temperature growth in the Antarctic green alga <i>Chlamydomonas</i> sp. UWO241. <i>Plant, Cell and Environment</i> , 2022, 45, 156-177.	5.7	8
2	Photosynthetic adaptation to polar life: Energy balance, photoprotection and genetic redundancy. <i>Journal of Plant Physiology</i> , 2022, 268, 153557.	3.5	17
3	The decreased PG content of <i>pgp1</i> inhibits PSI photochemistry and limits reaction center and light-harvesting polypeptide accumulation in response to cold acclimation. <i>Planta</i> , 2022, 255, 36.	3.2	2
4	Seasonal Photoinhibition of Photosystem II in a Cold-Climatic Canadian Cactus (<i>Opuntia cespitosa</i>). <i>Haseltonia</i> , 2022, 28, .	0.5	0
5	Champions of winter survival: cold acclimation and molecular regulation of cold hardiness in evergreen conifers. <i>New Phytologist</i> , 2021, 229, 675-691.	7.3	80
6	Draft genome sequence of the Antarctic green alga <i>Chlamydomonas</i> sp. UWO241. <i>IScience</i> , 2021, 24, 102084.	4.1	26
7	<i>Chlamydomonas</i> sp. UWO 241 Exhibits High Cyclic Electron Flow and Rewired Metabolism under High Salinity. <i>Plant Physiology</i> , 2020, 183, 588-601.	4.8	28
8	Photosynthetic Acclimation and Adaptation to Cold Ecosystems. , 2020, , 159-201.		2
9	Cold-Adapted Protein Kinases and Thylakoid Remodeling Impact Energy Distribution in an Antarctic Psychrophile. <i>Plant Physiology</i> , 2019, 180, 1291-1309.	4.8	15
10	Presence and absence of light-independent chlorophyll biosynthesis among <i>Chlamydomonas</i> green algae in an ice-covered Antarctic lake. <i>Communicative and Integrative Biology</i> , 2019, 12, 148-150.	1.4	1
11	<i>Chlorella vulgaris</i> integrates photoperiod and chloroplast redox signals in response to growth at high light. <i>Planta</i> , 2019, 249, 1189-1205.	3.2	4
12	The enigmatic loss of light-independent chlorophyll biosynthesis from an Antarctic green alga in a light-limited environment. <i>New Phytologist</i> , 2019, 222, 651-656.	7.3	13
13	Identification and molecular characterization of the <i>Brachypodium distachyon</i> NRT2 family, with a major role of <i>BdNRT2.1</i> . <i>Physiologia Plantarum</i> , 2019, 165, 498-510.	5.2	12
14	Contrasting acclimation abilities of two dominant boreal conifers to elevated CO ₂ and temperature. <i>Plant, Cell and Environment</i> , 2018, 41, 1331-1345.	5.7	36
15	Characterization of photosynthetic ferredoxin from the Antarctic alga <i>Chlamydomonas</i> sp. UWO241 reveals novel features of cold adaptation. <i>New Phytologist</i> , 2018, 219, 588-604.	7.3	25
16	Chilling out: the evolution and diversification of psychrophilic algae with a focus on Chlamydomonadales. <i>Polar Biology</i> , 2017, 40, 1169-1184.	1.2	46
17	Heat stress-induced effects of photosystem I: an overview of structural and functional responses. <i>Photosynthesis Research</i> , 2017, 133, 17-30.	2.9	44
18	Adaptation to Low Temperature in a Photoautotrophic Antarctic Psychrophile, <i>Chlamydomonas</i> sp. UWO 241. , 2017, , 275-303.		1

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19	Exposure of high-light-grown cultures of <i>Chlorella vulgaris</i> to darkness inhibits the relaxation of excitation pressure: uncoupling of the redox state of the photosynthetic electron transport chain and phenotypic plasticity. <i>Botany</i> , 2017, 95, 1125-1140.	1.0	2
20	Global transcriptome analyses provide evidence that chloroplast redox state contributes to intracellular as well as long-distance signalling in response to stress and acclimation in <i>Arabidopsis</i> . <i>Photosynthesis Research</i> , 2016, 128, 287-312.	2.9	39
21	Photosynthetic acclimation, vernalization, crop productivity and "the grand design of photosynthesis". <i>Journal of Plant Physiology</i> , 2016, 203, 29-43.	3.5	54
22	An established <i>Arabidopsis thaliana</i> var. <i>Landsberg erecta</i> cell suspension culture accumulates chlorophyll and exhibits a stay-green phenotype in response to high external sucrose concentrations. <i>Journal of Plant Physiology</i> , 2016, 199, 40-51.	3.5	7
23	Resolving the phylogenetic relationship between <i>Chlamydomonas</i> sp. UWO 241 and <i>Chlamydomonas raudensis</i> sag 49.72 (Chlorophyceae) with nuclear and plastid DNA sequences. <i>Journal of Phycology</i> , 2016, 52, 305-310.	2.3	25
24	Two Hymenophyllaceae species from contrasting natural environments exhibit a homoiochlorophyllous strategy in response to desiccation stress. <i>Journal of Plant Physiology</i> , 2016, 191, 82-94.	3.5	29
25	Involvement of plant stress hormones in <i>Burkholderia phytofirmans</i> -induced shoot and root growth promotion. <i>Plant Growth Regulation</i> , 2015, 77, 179-187.	3.4	14
26	Warming delays autumn declines in photosynthetic capacity in a boreal conifer, Norway spruce (<i>Picea abies</i>). <i>Tree Physiology</i> , 2015, 35, 1303-1313.	3.1	35
27	The Antarctic Psychrophile <i>Chlamydomonas</i> sp. UWO 241 Preferentially Phosphorylates a Photosystem I-Cytochrome b6/f Supercomplex. <i>Plant Physiology</i> , 2015, 169, 717-736.	4.8	37
28	Preferential damaging effects of limited magnesium bioavailability on photosystem I in <i>Sulla carnosa</i> plants. <i>Planta</i> , 2015, 241, 1189-1206.	3.2	38
29	Stress-related hormones and glycinebetaine interplay in protection of photosynthesis under abiotic stress conditions. <i>Photosynthesis Research</i> , 2015, 126, 221-235.	2.9	113
30	Computer Vision Based Autonomous Robotic System for 3D Plant Growth Measurement. , 2015, , .		12
31	Photoinhibition of photosystem I in a pea mutant with altered LHCII organization. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 152, 335-346.	3.8	14
32	Potential for increased photosynthetic performance and crop productivity in response to climate change: role of CBFs and gibberellic acid. <i>Frontiers in Chemistry</i> , 2014, 2, 18.	3.6	28
33	Enhancing biomass production and yield by maintaining enhanced capacity for CO ₂ uptake in response to elevated CO ₂ . <i>Canadian Journal of Plant Science</i> , 2014, 94, 1075-1083.	0.9	12
34	Starch and sugar accumulation in <i>Sulla carnosa</i> leaves upon Mg ²⁺ starvation. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 2157-2165.	2.1	21
35	Enhancement of photosynthetic performance, water use efficiency and grain yield during long-term growth under elevated CO ₂ in wheat and rye is growth temperature and cultivar dependent. <i>Environmental and Experimental Botany</i> , 2014, 106, 207-220.	4.2	35
36	Shedding some light on cold acclimation, cold adaptation, and phenotypic plasticity. <i>Botany</i> , 2013, 91, 127-136.	1.0	56

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37	Role of CBFs as Integrators of Chloroplast Redox, Phytochrome and Plant Hormone Signaling during Cold Acclimation. <i>International Journal of Molecular Sciences</i> , 2013, 14, 12729-12763.	4.1	132
38	Long-Term Growth Under Elevated CO ₂ Suppresses Biotic Stress Genes in Non-Acclimated, But Not Cold-Acclimated Winter Wheat. <i>Plant and Cell Physiology</i> , 2013, 54, 1751-1768.	3.1	26
39	Chloroplast redox imbalance governs phenotypic plasticity: the "grand design of photosynthesis" revisited. <i>Frontiers in Plant Science</i> , 2012, 3, 255.	3.6	110
40	Cold acclimation and BnCBF17-over-expression enhance photosynthetic performance and energy conversion efficiency during long-term growth of <i>Brassica napus</i> under elevated CO ₂ conditions. <i>Planta</i> , 2012, 236, 1639-1652.	3.2	40
41	Implications of alternative electron sinks in increased resistance of PSII and PSI photochemistry to high light stress in cold-acclimated <i>Arabidopsis thaliana</i> . <i>Photosynthesis Research</i> , 2012, 113, 191-206.	2.9	106
42	Cold acclimation inhibits CO ₂ -dependent stimulation of photosynthesis in spring wheat and spring rye. <i>Botany</i> , 2012, 90, 433-444.	1.0	15
43	Thermoluminescence. <i>Advances in Photosynthesis and Respiration</i> , 2012, , 445-474.	1.0	10
44	Daphnetin methylation stabilizes the activity of phosphoribulokinase in wheat during cold acclimation. <i>Biochemistry and Cell Biology</i> , 2012, 90, 657-666.	2.0	1
45	Effect of static magnetic fields on the growth, photosynthesis and ultrastructure of <i>Chlorella kessleri</i> microalgae. <i>Bioelectromagnetics</i> , 2012, 33, 298-308.	1.6	62
46	The effects of phenotypic plasticity on photosynthetic performance in winter rye, winter wheat and <i>Brassica napus</i> . <i>Physiologia Plantarum</i> , 2012, 144, 169-188.	5.2	55
47	PLASTICITY OF THE PSYCHROPHILIC GREEN ALGA <i>CHLAMYDOMONAS RAUDENSIS</i> (UWO 241) (CHLOROPHYTA) TO SUPRAOPTIMAL TEMPERATURE STRESS. <i>Journal of Phycology</i> , 2011, 47, 1098-1109.	2.3	20
48	Flexibility in photosynthetic electron transport: The physiological role of plastoquinol terminal oxidase (PTOX). <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 954-967.	1.0	138
49	Cold Stress Effects on PSI Photochemistry in <i>Zea mays</i> : Differential Increase of FQR-Dependent Cyclic Electron Flow and Functional Implications. <i>Plant and Cell Physiology</i> , 2011, 52, 1042-1054.	3.1	46
50	Regulation of Energy Partitioning and Alternative Electron Transport Pathways During Cold Acclimation of Lodgepole Pine is Oxygen Dependent. <i>Plant and Cell Physiology</i> , 2010, 51, 1555-1570.	3.1	55
51	Absence of the major light-harvesting antenna proteins alters the redox properties of photosystem II reaction centres in the <i>chlorina F2</i> mutant of barley. <i>Biochemistry and Cell Biology</i> , 2009, 87, 557-566.	2.0	4
52	Effects of low temperature stress on excitation energy partitioning and photoprotection in <i>Zea mays</i> . <i>Functional Plant Biology</i> , 2009, 36, 37.	2.1	28
53	Photosynthetic Redox Imbalance Governs Leaf Sectoring in the <i>Arabidopsis thaliana</i> Variegation Mutants <i>immutans</i> , <i>spotty</i> , <i>var1</i> , and <i>var2</i> . <i>Plant Cell</i> , 2009, 21, 3473-3492.	6.6	130
54	Salinity affects the photoacclimation of <i>Chlamydomonas Raudensis</i> Ettl UWO241. <i>Photosynthesis Research</i> , 2009, 99, 195-203.	2.9	20

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55	Biochemical constraints limit the potential of the photochemical reflectance index as a predictor of effective quantum efficiency of photosynthesis during the winter spring transition in Jack pine seedlings. <i>Functional Plant Biology</i> , 2009, 36, 1016.	2.1	65
56	Photosystem II reaction centre quenching: mechanisms and physiological role. <i>Photosynthesis Research</i> , 2008, 98, 565-574.	2.9	85
57	Reaction centre quenching of excess light energy and photoprotection of photosystem II. <i>Journal of Plant Biology</i> , 2008, 51, 85-96.	2.1	57
58	The lack of LHCII proteins modulates excitation energy partitioning and PSII charge recombination in Chlorina F2 mutant of barley. <i>Physiology and Molecular Biology of Plants</i> , 2008, 14, 205-215.	3.1	5
59	Identity and physiology of a new psychrophilic eukaryotic green alga, <i>Chlorella</i> sp., strain BI, isolated from a transitory pond near Bratina Island, Antarctica. <i>Extremophiles</i> , 2008, 12, 701-711.	2.3	50
60	Photoprotection of Photosystem II: Reaction Center Quenching Versus Antenna Quenching. <i>Advances in Photosynthesis and Respiration</i> , 2008, , 155-173.	1.0	11
61	Increased Air Temperature during Simulated Autumn Conditions Impairs Photosynthetic Electron Transport between Photosystem II and Photosystem I. <i>Plant Physiology</i> , 2008, 147, 402-414.	4.8	38
62	Effect of cold acclimation on the photosynthetic performance of two ecotypes of <i>Colobanthus quitensis</i> (Kunth) Bartl.. <i>Journal of Experimental Botany</i> , 2007, 58, 3581-3590.	4.8	55
63	Increased Air Temperature during Simulated Autumn Conditions Does Not Increase Photosynthetic Carbon Gain But Affects the Dissipation of Excess Energy in Seedlings of the Evergreen Conifer Jack Pine. <i>Plant Physiology</i> , 2007, 143, 1242-1251.	4.8	63
64	The small domain of cytochrome <i>cf</i> from the psychrophile <i>Chlamydomonas raudensis</i> UWO 241 modulates the apparent molecular mass and decreases the accumulation of cytochrome <i>cf</i> in the mesophile <i>Chlamydomonas reinhardtii</i> . <i>Biochemistry and Cell Biology</i> , 2007, 85, 616-627.	2.0	5
65	Psychrophily is associated with differential energy partitioning, photosystem stoichiometry and polypeptide phosphorylation in <i>Chlamydomonas raudensis</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2007, 1767, 789-800.	1.0	47
66	The induction of CP43 by iron-stress in <i>Synechococcus</i> sp. PCC 7942 is associated with carotenoid accumulation and enhanced fatty acid unsaturation. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2007, 1767, 807-813.	1.0	22
67	<i>Chlamydomonas raudensis</i> (UWO 241), Chlorophyceae, exhibits the capacity for rapid D1 repair in response to chronic photoinhibition at low temperature. <i>Journal of Phycology</i> , 2007, 43, 924-936.	2.3	21
68	Excitation energy partitioning and quenching during cold acclimation in Scots pine. <i>Tree Physiology</i> , 2006, 26, 325-336.	3.1	54
69	Energy balance, organellar redox status, and acclimation to environmental stress. <i>Canadian Journal of Botany</i> , 2006, 84, 1355-1370.	1.1	95
70	Cold acclimation of the <i>Arabidopsis</i> <i>dgd1</i> mutant results in recovery from photosystem I-limited photosynthesis. <i>FEBS Letters</i> , 2006, 580, 4959-4968.	2.8	26
71	Acclimation to temperature and irradiance modulates PSII charge recombination. <i>FEBS Letters</i> , 2006, 580, 2797-2802.	2.8	44
72	Photostasis and cold acclimation: sensing low temperature through photosynthesis. <i>Physiologia Plantarum</i> , 2006, 126, 28-44.	5.2	467

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73	The CBF1-dependent low temperature signalling pathway, regulon and increase in freeze tolerance are conserved in <i>Populus</i> spp.. <i>Plant, Cell and Environment</i> , 2006, 29, 1259-1272.	5.7	221
74	Characterization of the photosynthetic apparatus in cortical bark chlorenchyma of Scots pine. <i>Planta</i> , 2006, 223, 1165-1177.	3.2	46
75	Cytochrome f from the Antarctic psychrophile, <i>Chlamydomonas raudensis</i> UWO 241: structure, sequence, and complementation in the mesophile, <i>Chlamydomonas reinhardtii</i> . <i>Molecular Genetics and Genomics</i> , 2006, 275, 387-398.	2.1	17
76	Adaptation and Acclimation of Photosynthetic Microorganisms to Permanently Cold Environments. <i>Microbiology and Molecular Biology Reviews</i> , 2006, 70, 222-252.	6.6	442
77	IMMUTANS Does Not Act as a Stress-Induced Safety Valve in the Protection of the Photosynthetic Apparatus of <i>Arabidopsis</i> during Steady-State Photosynthesis. <i>Plant Physiology</i> , 2006, 142, 574-585.	4.8	112
78	Digalactosyl-Diacylglycerol Deficiency Impairs the Capacity for Photosynthetic Intersystem Electron Transport and State Transitions in <i>Arabidopsis thaliana</i> Due to Photosystem I Acceptor-Side Limitations. <i>Plant and Cell Physiology</i> , 2006, 47, 1146-1157.	3.1	60
79	Iron Deficiency in Cyanobacteria Causes Monomerization of Photosystem I Trimers and Reduces the Capacity for State Transitions and the Effective Absorption Cross Section of Photosystem I in <i>Vivo</i> . <i>Plant Physiology</i> , 2006, 141, 1436-1445.	4.8	70
80	REGULATION OF LIGHT HARVESTING IN PHOTOSYSTEM II OF PLANTS, GREEN ALGAE AND CYANOBACTERIA. , 2005, , 97-142.		4
81	THE ANTARCTIC PSYCHROPHILE, <i>CHLAMYDOMONAS RAUDENSIS</i> Ettl (UWO241) (CHLOROPHYCEAE.) <i>Tj ETQq1</i> 1 0.784314 rgBT /O 2005, 41, 791-800.	2.3	41
82	The Effect of Overexpression of Two Brassica CBF/DREB1-like Transcription Factors on Photosynthetic Capacity and Freezing Tolerance in <i>Brassica napus</i> . <i>Plant and Cell Physiology</i> , 2005, 46, 1525-1539.	3.1	186
83	Temperature and Light Modulate the trans- $\hat{1}^3$ -Hexadecenoic Acid Content of Phosphatidylglycerol: Light-harvesting Complex II Organization and Non-photochemical Quenching. <i>Plant and Cell Physiology</i> , 2005, 46, 1272-1282.	3.1	26
84	IDENTIFICATION OF A PSYCHROPHILIC GREEN ALGA FROM LAKE BONNEY ANTARCTICA: <i>CHLAMYDOMONAS RAUDENSIS</i> Ettl. (UWO 241) CHLOROPHYCEAE. <i>Journal of Phycology</i> , 2004, 40, 1138-1148.	2.3	81
85	The role of photochemical quenching and antioxidants in photoprotection of <i>Deschampsia antarctica</i> . <i>Functional Plant Biology</i> , 2004, 31, 731.	2.1	44
86	The Determination and Quantification of Photosynthetic Pigments by Reverse Phase High-Performance Liquid Chromatography, Thin-Layer Chromatography, and Spectrophotometry. , 2004, 274, 137-148.		33
87	Temperature-induced greening of <i>Chlorella vulgaris</i> . The role of the cellular energy balance and zeaxanthin-dependent nonphotochemical quenching. <i>Planta</i> , 2003, 217, 616-627.	3.2	36
88	Daily photosynthetic and C-export patterns in winter wheat leaves during cold stress and acclimation. <i>Physiologia Plantarum</i> , 2003, 117, 521-531.	5.2	47
89	The temperature-dependent accumulation of Mg-protoporphyrin IX and reactive oxygen species in <i>Chlorella vulgaris</i> . <i>Physiologia Plantarum</i> , 2003, 119, 126-136.	5.2	25
90	Low-temperature modulation of the redox properties of the acceptor side of photosystem II: photoprotection through reaction centre quenching of excess energy. <i>Physiologia Plantarum</i> , 2003, 119, 376-383.	5.2	59

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91	PHOTOSYNTHESIS OF OVERWINTERING EVERGREEN PLANTS. Annual Review of Plant Biology, 2003, 54, 329-355.	18.7	492
92	Changes in the Redox Potential of Primary and Secondary Electron-Accepting Quinones in Photosystem II Confer Increased Resistance to Photoinhibition in Low-Temperature-Acclimated Arabidopsis. Plant Physiology, 2003, 132, 2144-2151.	4.8	64
93	Daphnetin Methylation by a Novel O-Methyltransferase Is Associated with Cold Acclimation and Photosystem II Excitation Pressure in Rye. Journal of Biological Chemistry, 2003, 278, 6854-6861.	3.4	35
94	Photostasis in Plants, Green Algae and Cyanobacteria: The Role of Light Harvesting Antenna Complexes. Advances in Photosynthesis and Respiration, 2003, , 401-421.	1.0	40
95	Cold-Regulated Cereal Chloroplast Late Embryogenesis Abundant-Like Proteins. Molecular Characterization and Functional Analyses. Plant Physiology, 2002, 129, 1368-1381.	4.8	175
96	A Transient Exchange of the Photosystem II Reaction Center Protein D1:1 with D1:2 during Low Temperature Stress of Synechococcus sp. PCC 7942 in the Light Lowers the Redox Potential of QB. Journal of Biological Chemistry, 2002, 277, 32739-32745.	3.4	63
97	Stoichiometry of the Photosynthetic Apparatus and Phycobilisome Structure of the Cyanobacterium Plectonema boryanum UTEX 485 Are Regulated by Both Light and Temperature. Plant Physiology, 2002, 130, 1414-1425.	4.8	45
98	Low growth temperature inhibition of photosynthesis in cotyledons of jack pine seedlings (Pinus) Tj ETQq0 0 0 rgBT J Overlock 10 Tf 50	1.1	10
99	Seasonal changes in chlorophyll fluorescence quenching and the induction and capacity of the photoprotective xanthophyll cycle in Lobaria pulmonaria. Canadian Journal of Botany, 2002, 80, 255-261.	1.1	30
100	Energy Sensing and Photostasis in Photoautotrophs. Cell and Molecular Response To Stress, 2002, 3, 243-255.	0.4	9
101	Differential thermal effects on the energy distribution between photosystem II and photosystem I in thylakoid membranes of a psychrophilic and a mesophilic alga. Biochimica Et Biophysica Acta - Biomembranes, 2002, 1561, 251-265.	2.6	80
102	The Antarctic psychrophile, Chlamydomonas subcaudata, is deficient in state transitions. Planta, 2002, 214, 435-445.	3.2	60
103	Susceptibility to low-temperature photoinhibition and the acquisition of freezing tolerance in winter and spring wheat: The role of growth temperature and irradiance. Physiologia Plantarum, 2001, 113, 499-506.	5.2	45
104	Survey of gene expression in winter rye during changes in growth temperature, irradiance or excitation pressure. Plant Molecular Biology, 2001, 45, 691-703.	3.9	59
105	Protection of Photosystem II Against UV-A and UV-B Radiation in the Cyanobacterium Plectonema boryanum: The Role of Growth Temperature and Growth Irradiance. Photochemistry and Photobiology, 2000, 72, 772.	2.5	45
106	Sucrose metabolism in spring and winter wheat in response to high irradiance, cold stress and cold acclimation. Physiologia Plantarum, 2000, 108, 270-278.	5.2	84
107	Electric properties of thylakoid membranes from pea mutants with modified carotenoid and chlorophyll-protein complex composition. Photosynthesis Research, 2000, 65, 165-174.	2.9	25
108	The role of growth rate, redox-state of the plastoquinone pool and the trans-thylakoid pH in photoacclimation of Chlorella vulgaris to growth irradiance and temperature. Planta, 2000, 212, 93-102.	3.2	81

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109	Acclimation of Arabidopsis Leaves Developing at Low Temperatures. Increasing Cytoplasmic Volume Accompanies Increased Activities of Enzymes in the Calvin Cycle and in the Sucrose-Biosynthesis Pathway1. <i>Plant Physiology</i> , 1999, 119, 1387-1398.	4.8	292
110	Greening under High Light or Cold Temperature Affects the Level of Xanthophyll-Cycle Pigments, Early Light-Inducible Proteins, and Light-Harvesting Polypeptides in Wild-Type Barley and the Chlorina f2 Mutant1. <i>Plant Physiology</i> , 1999, 120, 193-204.	4.8	85
111	Title is missing!. <i>Photosynthesis Research</i> , 1998, 56, 303-314.	2.9	61
112	Energy balance and acclimation to light and cold. <i>Trends in Plant Science</i> , 1998, 3, 224-230.	8.8	876
113	Feedback-limited photosynthesis and regulation of sucrose-starch accumulation during cold acclimation and low-temperature stress in a spring and winter wheat. <i>Planta</i> , 1997, 201, 18-26.	3.2	100
114	The effects of cadmium on photosynthesis of <i>Phaseolus vulgaris</i> - a fluorescence analysis. <i>Physiologia Plantarum</i> , 1993, 88, 626-630.	5.2	169
115	Photosynthesis, photoinhibition and low temperature acclimation in cold tolerant plants. <i>Photosynthesis Research</i> , 1993, 37, 19-39.	2.9	471
116	Effect of Cold Hardening on Sensitivity of Winter and Spring Wheat Leaves to Short-Term Photoinhibition and Recovery of Photosynthesis. <i>Plant Physiology</i> , 1992, 100, 1283-1290.	4.8	112
117	Developmental History Affects the Susceptibility of Spinach Leaves to <i>in Vivo</i> Low Temperature Photoinhibition. <i>Plant Physiology</i> , 1992, 99, 1141-1145.	4.8	38
118	Low Growth Temperature Effects a Differential Inhibition of Photosynthesis in Spring and Winter Wheat. <i>Plant Physiology</i> , 1991, 96, 491-497.	4.8	85
119	Effect of Growth Temperature and Temperature Shifts on Spinach Leaf Morphology and Photosynthesis. <i>Plant Physiology</i> , 1990, 94, 1830-1836.	4.8	112
120	Low Temperature-Induced Decrease in <i>trans</i> - Δ^3 -Hexadecenoic Acid Content Is Correlated with Freezing Tolerance in Cereals. <i>Plant Physiology</i> , 1989, 89, 144-150.	4.8	60
121	Low-temperature-induced alterations in photosynthetic membranes. <i>Critical Reviews in Plant Sciences</i> , 1988, 7, 257-278.	5.7	10
122	Protein synthesis and freezing tolerance in plant cells. <i>Critical Reviews in Plant Sciences</i> , 1988, 7, 279-302.	5.7	15
123	Low Temperature Development Induces a Specific Decrease in <i>trans</i> - Δ^3 -Hexadecenoic Acid Content which Influences LHCII Organization. <i>Plant Physiology</i> , 1987, 84, 12-18.	4.8	108
124	Permeability of the Suberized Mestome Sheath in Winter Rye. <i>Plant Physiology</i> , 1985, 77, 157-161.	4.8	26
125	Growth and development at cold-hardening temperatures. Chloroplast ultrastructure, pigment content, and composition. <i>Canadian Journal of Botany</i> , 1984, 62, 53-60.	1.1	60
126	An Antarctic Alga That Can Survive The Extreme Cold. <i>Frontiers for Young Minds</i> , 0, 10, .	0.8	0