Dion G Durnford

List of Publications by Year
in descending order

35 papers	2,352 citations	394421 19 h-index	377865 34 g-index
36 all docs	36 docs citations	36 times ranked	2808 citing authors

#	Article	IF	Citations
1	The tree of eukaryotes. Trends in Ecology and Evolution, 2005, 20, 670-676.	8.7	549
2	Algal genomes reveal evolutionary mosaicism and the fate of nucleomorphs. Nature, 2012, 492, 59-65.	27.8	377
3	Tracing the Evolution of the Light-Harvesting Antennae in Chlorophyll a/b-Containing Organisms. Plant Physiology, 2007, 143, 1802-1816.	4.8	179
4	Structural and functional diversification of the light-harvesting complexes in photosynthetic eukaryotes. Photosynthesis Research, 2010, 106, 57-71.	2.9	159
5	Chloroplast redox regulation of nuclear gene transcription during photoacclimation. Photosynthesis Research, 1997, 53, 229-241.	2.9	133
6	Sulfate assimilation in eukaryotes: fusions, relocations and lateral transfers. BMC Evolutionary Biology, 2008, 8, 39.	3.2	106
7	Analysis of Euglena gracilis Plastid-Targeted Proteins Reveals Different Classes of Transit Sequences. Eukaryotic Cell, 2006, 5, 2079-2091.	3.4	78
8	The small subunit of ribulose-1,5-bisphosphate carboxylase is plastid-encoded in the chlorophyll c-containing alga Cryptomonas ?. Plant Molecular Biology, 1989, 13, 13-20.	3.9	75
9	Light-harvesting complex gene expression is controlled by both transcriptional and post-transcriptional mechanisms during photoacclimation inChlamydomonas reinhardtii. Physiologia Plantarum, 2003, 118, 193-205.	5.2	74
10	ACCUMULATION OF FERREDOXIN AND FLAVODOXIN IN A MARINE DIATOM IN RESPONSE TO FE. Journal of Phycology, 1999, 35, 510-519.	2.3	69
11	NUCLEOTIDE SEQUENCE OF THE GENE FOR THE LARGE SUBUNIT OF RIBULOSE-1.5-DISPHOSPHATE CARBOXYLASE/OXYGENASE FROM CRYPTOMNASPhi EVIDENCE SUPPORTING THE POLYPHYLETIC ORGIN OF PLASTIDS1. Journal of Phycology, 1990, 26, 500-508.	2.3	67
12	Evidence for Nucleomorph to Host Nucleus Gene Transfer: Light-Harvesting Complex Proteins from Cryptomonads and Chlorarachniophytes. Protist, 2000, 151, 239-252.	1.5	64
13	Plastid Regulation of Lhcb1 Transcription in the Chlorophyte Alga Dunaliella tertiolecta. Plant Physiology, 2004, 136, 3737-3750.	4.8	58
14	Metabolic acclimation to excess light intensity in <i><scp>C</scp>hlamydomonas reinhardtii</i>. Plant, Cell and Environment, 2013, 36, 1391-1405.	5.7	47
15	A complex and punctate distribution of three eukaryotic genes derived by lateral gene transfer. BMC Evolutionary Biology, 2007, 7, 89.	3.2	45
16	Proteomics Reveals Plastid- and Periplastid-Targeted Proteins in the Chlorarachniophyte Alga Bigelowiella natans. Genome Biology and Evolution, 2012, 4, 1391-1406.	2.5	33
17	Evolutionary distribution of light-harvesting complex-like proteins in photosynthetic eukaryotes. Genome, 2010, 53, 68-78.	2.0	31
18	Genome editing in potato plants by agrobacterium-mediated transient expression of transcription activator-like effector nucleases. Plant Biotechnology Reports, 2017, 11, 249-258.	1.5	31

#	Article	IF	Citations
19	Euglena Light-Harvesting Complexes Are Encoded by Multifarious Polyprotein mRNAs that Evolve in Concert. Molecular Biology and Evolution, 2008, 25, 92-100.	8.9	23
20	Characterization of the light harvesting proteins of the chromophytic alga, Olisthodiscus luteus (Heterosigma carterae). Biochimica Et Biophysica Acta - Bioenergetics, 1994, 1184, 118-126.	1.0	19
21	Conditional senescence in <i>Chlamydomonas reinhardtii</i> (Chlorophyceae). Journal of Phycology, 2013, 49, 389-400.	2.3	18
22	Nucleotide sequence of the genes for ribosomal protein S4 and tRNAArgfrom the chlorophyllc-containing algaCryptomonasÎ¦. Nucleic Acids Research, 1990, 18, 1903-1903.	14.5	15
23	Sequence analysis of the plastid rDNA spacer region of the chlorophyll c-containing alga CryptomonasÎ¦. DNA Sequence, 1990, 1, 55-62.	0.7	15
24	Isolation of a Novel Carotenoid-rich Protein in Cyanophora paradoxa that is Immunologically Related to the Light-harvesting Complexes of Photosynthetic Eukaryotes. Plant and Cell Physiology, 2005, 46, 416-424.	3.1	14
25	Evolution and regulation of Bigelowiella natans light-harvesting antenna system. Journal of Plant Physiology, 2017, 217, 68-76.	3.5	13
26	Compartmental cross-talk in the regulation of light harvesting complex transcription under short-term light and temperature stress in <i>Chlamydomonas reinhardtii</i>. Botany, 2009, 87, 375-386.	1.0	10
27	Photoacclimation to high-light stress in Chlamydomonas reinhardtii during conditional senescence relies on generating pH-dependent, high-quenching centres. Plant Physiology and Biochemistry, 2021, 158, 136-145.	5.8	9
28	Transcriptome Profiling of <i>Bigelowiella natans</i> in Response to Light Stress. Journal of Eukaryotic Microbiology, 2019, 66, 316-333.	1.7	8
29	Structure and Regulation of Algal Light-Harvesting Complex Genes. Advances in Photosynthesis and Respiration, 2003, , 63-82.	1.0	7
30	Live long and prosper: Acetate and its effects on longevity in batch culturing of Chlamydomonas reinhardtii. Algal Research, 2022, 64, 102676.	4.6	7
31	[15] Assessing the potential for chloroplast redox regulation of nuclear gene expression. Methods in Enzymology, 1998, 297, 220-234.	1.0	6
32	A life-history trade-off gene with antagonistic pleiotropic effects on reproduction and survival in limiting environments. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212669.	2.6	5
33	Long-term survival of Chlamydomonas reinhardtii during conditional senescence. Archives of Microbiology, 2021, 203, 5333-5344.	2.2	4
34	Protein Targeting to the Plastid of Euglena. Advances in Experimental Medicine and Biology, 2017, 979, 183-205.	1.6	3
35	Photoacclimation. , 2006, , 69-99.		1