

Arthur Grossman

List of Publications by Year in descending order

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131
papers

13,879
citations

30070

54
h-index

22166

113
g-index

142
all docs

142
docs citations

142
times ranked

11264
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>Chlamydomonas</i> Genome Reveals the Evolution of Key Animal and Plant Functions. <i>Science</i> , 2007, 318, 245-250.	12.6	2,354
2	A pigment-binding protein essential for regulation of photosynthetic light harvesting. <i>Nature</i> , 2000, 403, 391-395.	27.8	1,354
3	<i>Arabidopsis</i> Mutants Define a Central Role for the Xanthophyll Cycle in the Regulation of Photosynthetic Energy Conversion. <i>Plant Cell</i> , 1998, 10, 1121-1134.	6.6	882
4	The phycobilisome, a light-harvesting complex responsive to environmental conditions. <i>Microbiological Reviews</i> , 1993, 57, 725-749.	10.1	475
5	High-Efficiency Transformation of <i>Chlamydomonas reinhardtii</i> by Electroporation. <i>Genetics</i> , 1998, 148, 1821-1828.	2.9	400
6	An Indexed, Mapped Mutant Library Enables Reverse Genetics Studies of Biological Processes in <i>Chlamydomonas reinhardtii</i> . <i>Plant Cell</i> , 2016, 28, 367-387.	6.6	336
7	Transformation of the diatom <i>Phaeodactylum tricornutum</i> (Bacillariophyceae) with a variety of selectable marker and reporter genes. <i>Journal of Phycology</i> , 2001, 36, 379-386.	2.3	316
8	Nitrogen-Sparing Mechanisms in <i>Chlamydomonas</i> Affect the Transcriptome, the Proteome, and Photosynthetic Metabolism. <i>Plant Cell</i> , 2014, 26, 1410-1435.	6.6	314
9	RNA-Seq Analysis of Sulfur-Deprived <i>Chlamydomonas</i> Cells Reveals Aspects of Acclimation Critical for Cell Survival. <i>Plant Cell</i> , 2010, 22, 2058-2084.	6.6	253
10	In situ analysis of nitrogen fixation and metabolic switching in unicellular thermophilic cyanobacteria inhabiting hot spring microbial mats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2398-2403.	7.1	239
11	A genome-wide algal mutant library and functional screen identifies genes required for eukaryotic photosynthesis. <i>Nature Genetics</i> , 2019, 51, 627-635.	21.4	234
12	Type IV pilus biogenesis and motility in the cyanobacterium <i>Synechocystis</i> sp. PCC6803. <i>Molecular Microbiology</i> , 2000, 37, 941-951.	2.5	226
13	Population level functional diversity in a microbial community revealed by comparative genomic and metagenomic analyses. <i>ISME Journal</i> , 2007, 1, 703-713.	9.8	216
14	The High Light-inducible Polypeptides in <i>Synechocystis</i> PCC6803. <i>Journal of Biological Chemistry</i> , 2001, 276, 306-314.	3.4	214
15	Community ecology of hot spring cyanobacterial mats: predominant populations and their functional potential. <i>ISME Journal</i> , 2011, 5, 1262-1278.	9.8	206
16	Optimal nutrient exchange and immune responses operate in partner specificity in the cnidarian-dinoflagellate symbiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13194-13199.	7.1	181
17	Light regulation of type IV pilus-dependent motility by chemosensor-like elements in <i>Synechocystis</i> PCC6803. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 7540-7545.	7.1	173
18	Trafficking of protein into the recently established photosynthetic organelles of <i>Paulinella chromatophora</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5340-5345.	7.1	154

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19	A Flavin Binding Cryptochrome Photoreceptor Responds to Both Blue and Red Light in <i>Chlamydomonas reinhardtii</i> . <i>Plant Cell</i> , 2012, 24, 2992-3008.	6.6	151
20	The <i>Chlamydomonas</i> genome project: a decade on. <i>Trends in Plant Science</i> , 2014, 19, 672-680.	8.8	145
21	<i>Chlamydomonas reinhardtii</i> at the Crossroads of Genomics. <i>Eukaryotic Cell</i> , 2003, 2, 1137-1150.	3.4	143
22	Isolation of clonal axenic strains of the symbiotic dinoflagellate <i>Symbiodinium</i> and their growth and host specificity. <i>Journal of Phycology</i> , 2013, 49, 447-458.	2.3	131
23	The gene family encoding the fucoxanthin chlorophyll proteins from the brown alga <i>Macrocystis pyrifera</i> . <i>Molecular Genetics and Genomics</i> , 1995, 246, 455-464.	2.4	129
24	Gene transfers from diverse bacteria compensate for reductive genome evolution in the chromatophore of <i>Paulinella chromatophora</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12214-12219.	7.1	127
25	Sac3, an Snf1-like Serine/Threonine Kinase That Positively and Negatively Regulates the Responses of <i>Chlamydomonas</i> to Sulfur Limitation. <i>Plant Cell</i> , 1999, 11, 1179-1190.	6.6	117
26	<i>Chlamydomonas reinhardtii</i> in the Landscape of Pigments. <i>Annual Review of Genetics</i> , 2004, 38, 119-173.	7.6	115
27	Phototropin involvement in the expression of genes encoding chlorophyll and carotenoid biosynthesis enzymes and LHC apoproteins in <i>Chlamydomonas reinhardtii</i> . <i>Plant Journal</i> , 2006, 48, 1-16.	5.7	115
28	The GreenCut2 Resource, a Phylogenomically Derived Inventory of Proteins Specific to the Plant Lineage. <i>Journal of Biological Chemistry</i> , 2011, 286, 21427-21439.	3.4	113
29	Endosymbiotic Gene Transfer and Transcriptional Regulation of Transferred Genes in <i>Paulinella chromatophora</i> . <i>Molecular Biology and Evolution</i> , 2011, 28, 407-422.	8.9	110
30	Retrograde bilin signaling enables <i>Chlamydomonas</i> greening and phototrophic survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3621-3626.	7.1	107
31	Coral Bleaching Independent of Photosynthetic Activity. <i>Current Biology</i> , 2013, 23, 1782-1786.	3.9	103
32	Multiple Light Inputs Control Phototaxis in <i>Synechocystis</i> sp. Strain PCC6803. <i>Journal of Bacteriology</i> , 2003, 185, 1599-1607.	2.2	96
33	Multiple facets of anoxic metabolism and hydrogen production in the unicellular green alga <i>Chlamydomonas reinhardtii</i> . <i>New Phytologist</i> , 2011, 190, 279-288.	7.3	94
34	Polyphosphate: A Multifunctional Metabolite in Cyanobacteria and Algae. <i>Frontiers in Plant Science</i> , 2020, 11, 938.	3.6	94
35	A photosynthetic strategy for coping in a high light, low nutrient environment. <i>Limnology and Oceanography</i> , 2008, 53, 900-913.	3.1	90
36	Identification and Regulation of Plasma Membrane Sulfate Transporters in <i>Chlamydomonas</i> . <i>Plant Physiology</i> , 2010, 153, 1653-1668.	4.8	90

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37	Reverse genetics in <i>Chlamydomonas</i> : a platform for isolating insertional mutants. <i>Plant Methods</i> , 2011, 7, 24.	4.3	87
38	Symbiont population control by host-symbiont metabolic interaction in Symbiodiniaceae-cnidarian associations. <i>Nature Communications</i> , 2020, 11, 108.	12.8	87
39	Relative Contributions of Various Cellular Mechanisms to Loss of Algae during Cnidarian Bleaching. <i>PLoS ONE</i> , 2016, 11, e0152693.	2.5	86
40	Analysis of the <i>hlg</i> family in marine and freshwater cyanobacteria. <i>FEMS Microbiology Letters</i> , 2002, 215, 209-219.	1.8	76
41	Environmental effects on the light-harvesting complex of cyanobacteria. <i>Journal of Bacteriology</i> , 1993, 175, 575-582.	2.2	75
42	Optimization of protein synthesis in isolated higher plant chloroplasts. Identification of paused translation intermediates. <i>FEBS Journal</i> , 1986, 155, 331-338.	0.2	74
43	<i>Symbiodinium</i> transcriptome and global responses of cells to immediate changes in light intensity when grown under autotrophic or mixotrophic conditions. <i>Plant Journal</i> , 2015, 82, 67-80.	5.7	74
44	Critical Function of a <i>Chlamydomonas reinhardtii</i> Putative Polyphosphate Polymerase Subunit during Nutrient Deprivation. <i>Plant Cell</i> , 2014, 26, 4214-4229.	6.6	72
45	Partner switching and metabolic flux in a model cnidarian-dinoflagellate symbiosis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, .	2.6	72
46	The Central Role of a SNRK2 Kinase in Sulfur Deprivation Responses. <i>Plant Physiology</i> , 2008, 147, 216-227.	4.8	70
47	Menthol-induced bleaching rapidly and effectively provides experimental aposymbiotic sea anemones (<i>Aiptasia</i> sp.) for symbiosis investigations. <i>Journal of Experimental Biology</i> , 2015, 219, 306-10.	1.7	70
48	A molecular understanding of complementary chromatic adaptation. <i>Photosynthesis Research</i> , 2003, 76, 207-215.	2.9	69
49	Sulfur Economy and Cell Wall Biosynthesis during Sulfur Limitation of <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> , 2001, 127, 665-673.	4.8	68
50	Novel Motility Mutants of <i>Synechocystis</i> Strain PCC 6803 Generated by In Vitro Transposon Mutagenesis. <i>Journal of Bacteriology</i> , 2001, 183, 6140-6143.	2.2	63
51	Insights into the acclimation of <i>Chlamydomonas reinhardtii</i> to sulfur deprivation. <i>Photosynthesis Research</i> , 2005, 86, 475-489.	2.9	63
52	In situ dynamics of O ₂ , pH and cyanobacterial transcripts associated with CCM, photosynthesis and detoxification of ROS. <i>ISME Journal</i> , 2011, 5, 317-328.	9.8	58
53	Critical role of <i>Chlamydomonas reinhardtii</i> ferredoxin-5 in maintaining membrane structure and dark metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14978-14983.	7.1	58
54	UNDERSTANDING NITROGEN LIMITATION IN <i>AUREOCOCCUS ANOPHAGEFFERENS</i> (PELAGOPHYCEAE) THROUGH cDNA AND qRT-PCR ANALYSIS. <i>Journal of Phycology</i> , 2008, 44, 1235-1249.	2.3	56

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55	<i>Porphyra</i> (Bangiophyceae) Transcriptomes Provide Insights Into Red Algal Development And Metabolism. <i>Journal of Phycology</i> , 2012, 48, 1328-1342.	2.3	56
56	Thermal Shock Induces Host Proteostasis Disruption and Endoplasmic Reticulum Stress in the Model Symbiotic Cnidarian <i>Aiptasia</i> . <i>Journal of Proteome Research</i> , 2017, 16, 2121-2134.	3.7	56
57	Genetic Interactions Between Regulators of <i>Chlamydomonas</i> Phosphorus and Sulfur Deprivation Responses. <i>Genetics</i> , 2009, 181, 889-905.	2.9	53
58	Picophytoplankton responses to changing nutrient and light regimes during a bloom. <i>Marine Biology</i> , 2009, 156, 1531-1546.	1.5	52
59	Phylogenomic analysis of the <i>Chlamydomonas</i> genome unmasks proteins potentially involved in photosynthetic function and regulation. <i>Photosynthesis Research</i> , 2010, 106, 3-17.	2.9	51
60	The Type II NADPH Dehydrogenase Facilitates Cyclic Electron Flow, Energy-Dependent Quenching, and Chlororespiratory Metabolism during Acclimation of <i>Chlamydomonas reinhardtii</i> to Nitrogen Deprivation. <i>Plant Physiology</i> , 2016, 170, 1975-1988.	4.8	51
61	A Plant Cryptochrome Controls Key Features of the <i>Chlamydomonas</i> Circadian Clock and Its Life Cycle. <i>Plant Physiology</i> , 2017, 174, 185-201.	4.8	50
62	Chromatic adaptation and the events involved in phycobilisome biosynthesis. <i>Plant, Cell and Environment</i> , 1990, 13, 651-666.	5.7	48
63	Nutrient Acquisition: The Generation of Bioactive Vitamin B 12 by Microalgae. <i>Current Biology</i> , 2016, 26, R319-R321.	3.9	48
64	Sequences Controlling Transcription of the <i>Chlamydomonas reinhardtii</i> γ -Tubulin Gene after Deflagellation and during the Cell Cycle. <i>Molecular and Cellular Biology</i> , 1994, 14, 5165-5174.	2.3	47
65	Algae after dark: mechanisms to cope with anoxic/hypoxic conditions. <i>Plant Journal</i> , 2015, 82, 481-503.	5.7	46
66	Alternative Acetate Production Pathways in <i>Chlamydomonas reinhardtii</i> during Dark Anoxia and the Dominant Role of Chloroplasts in Fermentative Acetate Production. <i>Plant Cell</i> , 2014, 26, 4499-4518.	6.6	44
67	Proteomics quantifies protein expression changes in a model cnidarian colonised by a thermally tolerant but suboptimal symbiont. <i>ISME Journal</i> , 2019, 13, 2334-2345.	9.8	44
68	Nutrient scavenging and energy management: acclimation responses in nitrogen and sulfur deprived <i>Chlamydomonas</i> . <i>Current Opinion in Plant Biology</i> , 2017, 39, 114-122.	7.1	42
69	Alternative outlets for sustaining photosynthetic electron transport during dark-to-light transitions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11518-11527.	7.1	42
70	Systematic characterization of gene function in the photosynthetic alga <i>Chlamydomonas reinhardtii</i> . <i>Nature Genetics</i> , 2022, 54, 705-714.	21.4	42
71	Responses of a Thermophilic <i>Synechococcus</i> Isolate from the Microbial Mat of Octopus Spring to Light. <i>Applied and Environmental Microbiology</i> , 2007, 73, 4268-4278.	3.1	40
72	DIFFERENCES IN THE PROTEIN PROFILES OF CULTURED AND ENDOSYMBIOTIC SYMBIODINIUM SP. (PYRROPHYTA) FROM THE ANEMONE AIPTASIA PALLIDA (ANTHOZOA)1. <i>Journal of Phycology</i> , 1997, 33, 44-53.	2.3	39

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73	Genome Analysis of Planctomycetes Inhabiting Blades of the Red Alga <i>Porphyra umbilicalis</i> . <i>PLoS ONE</i> , 2016, 11, e0151883.	2.5	39
74	The mitochondrial alternative oxidase from <i>Chlamydomonas reinhardtii</i> enables survival in high light. <i>Journal of Biological Chemistry</i> , 2019, 294, 1380-1395.	3.4	38
75	Transcription-dependent domain-scale three-dimensional genome organization in the dinoflagellate <i>Breviolum minutum</i> . <i>Nature Genetics</i> , 2021, 53, 613-617.	21.4	38
76	Effects of high light on transcripts of stress-associated genes for the cyanobacteria <i>Synechocystis</i> sp. PCC 6803 and <i>Prochlorococcus</i> MED4 and MIT9313. <i>Microbiology (United Kingdom)</i> , 2004, 150, 1271-1281.	1.8	37
77	Bilin-Dependent Photoacclimation in <i>Chlamydomonas reinhardtii</i> . <i>Plant Cell</i> , 2017, 29, 2711-2726.	6.6	36
78	The GreenCut: re-evaluation of physiological role of previously studied proteins and potential novel protein functions. <i>Photosynthesis Research</i> , 2013, 116, 427-436.	2.9	35
79	<i>Paulinella</i> , a model for understanding plastid primary endosymbiosis. <i>Journal of Phycology</i> , 2020, 56, 837-843.	2.3	35
80	Tiered Regulation of Sulfur Deprivation Responses in <i>Chlamydomonas reinhardtii</i> and Identification of an Associated Regulatory Factor Å Å. <i>Plant Physiology</i> , 2013, 162, 195-211.	4.8	34
81	Tetratricopeptide repeat protein protects photosystem I from oxidative disruption during assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2774-2779.	7.1	34
82	Towards sustainable microalgal biomass processing: anaerobic induction of autolytic cell-wall self-ingestion in lipid-rich <i>Nannochloropsis</i> slurries. <i>Green Chemistry</i> , 2019, 21, 2967-2982.	9.0	34
83	Pyrenoid loss in <i>Chlamydomonas reinhardtii</i> causes limitations in CO ₂ supply, but not thylakoid operating efficiency. <i>Journal of Experimental Botany</i> , 2017, 68, 3903-3913.	4.8	33
84	Glucose-Induced Trophic Shift in an Endosymbiont Dinoflagellate with Physiological and Molecular Consequences. <i>Plant Physiology</i> , 2018, 176, 1793-1807.	4.8	32
85	A PERSPECTIVE ON PHOTOSYNTHESIS IN THE OLIGOTROPHIC OCEANS: HYPOTHESES CONCERNING ALTERNATE ROUTES OF ELECTRON FLOW1. <i>Journal of Phycology</i> , 2010, 46, 629-634.	2.3	31
86	A Gene of <i>Synechocystis</i> sp. Strain PCC 6803 Encoding a Novel Iron Transporter. <i>Journal of Bacteriology</i> , 2000, 182, 6523-6524.	2.2	30
87	Phylogenetic characterization of transporter proteins in the cnidarian-dinoflagellate symbiosis. <i>Molecular Phylogenetics and Evolution</i> , 2018, 120, 307-320.	2.7	30
88	THE USE OF <i>CHLAMYDOMONAS</i> (CHLOROPHYTA: VOLVOCALES) AS A MODEL ALGAL SYSTEM FOR GENOME STUDIES AND THE ELUCIDATION OF PHOTOSYNTHETIC PROCESSES. <i>Journal of Phycology</i> , 1998, 34, 907-917.	2.3	29
89	Impact of light intensity and quality on chromatophore and nuclear gene expression in <i>Paulinella chromatophora</i> , an amoeba with nascent photosynthetic organelles. <i>Plant Journal</i> , 2017, 90, 221-234.	5.7	29
90	Flocculation of <i>Chlamydomonas reinhardtii</i> with Different Phenotypic Traits by Metal Cations and High pH. <i>Frontiers in Plant Science</i> , 2017, 8, 1997.	3.6	28

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91	The Use of Contact Mode Atomic Force Microscopy in Aqueous Medium for Structural Analysis of Spinach Photosynthetic Complexes. <i>Plant Physiology</i> , 2015, 169, 1318-1332.	4.8	26
92	Development of a toolbox to dissect host-endosymbiont interactions and protein trafficking in the trypanosomatid <i>Angomonas deanei</i> . <i>BMC Evolutionary Biology</i> , 2016, 16, 247.	3.2	26
93	Biotic interactions as drivers of algal origin and evolution. <i>New Phytologist</i> , 2017, 216, 670-681.	7.3	25
94	Characterization of genes encoding the light-harvesting proteins in diatoms: biogenesis of the fucoxanthin chlorophylla/c protein complex. <i>Journal of Applied Phycology</i> , 1994, 6, 225-230.	2.8	23
95	Patterned Nanowire Electrode Array for Direct Extraction of Photosynthetic Electrons from Multiple Living Algal Cells. <i>Advanced Functional Materials</i> , 2016, 26, 7679-7689.	14.9	23
96	Cnidarian-Symbiodiniaceae symbiosis establishment is independent of photosynthesis. <i>Current Biology</i> , 2022, 32, 2402-2415.e4.	3.9	23
97	CHARACTERIZATION OF A GENE ENCODING THE LIGHT-HARVESTING VIOLAXANTHIN-CHLOROPHYLL PROTEIN OF NANNOCHLOROPSIS SP. (EUSTIGMATOPHYCEAE). <i>Journal of Phycology</i> , 2000, 36, 563-570.	2.3	22
98	Novel Thylakoid Membrane GreenCut Protein CPLD38 Impacts Accumulation of the Cytochrome b6f Complex and Associated Regulatory Processes. <i>Journal of Biological Chemistry</i> , 2013, 288, 7024-7036.	3.4	22
99	Metabolic control of acclimation to nutrient deprivation dependent on polyphosphate synthesis. <i>Science Advances</i> , 2020, 6, .	10.3	22
100	Subcellular imaging shows reduced photosynthetic carbon and increased nitrogen assimilation by the non-native endosymbiont <i>Durusdinium trenchii</i> in the model cnidarian <i>Aiptasia</i> . <i>Environmental Microbiology</i> , 2020, 22, 3741-3753.	3.8	22
101	Deep imaging flow cytometry. <i>Lab on A Chip</i> , 2022, 22, 876-889.	6.0	22
102	Phosphorelay control of phycobilisome biogenesis during complementary chromatic adaptation. <i>Photosynthesis Research</i> , 1997, 53, 95-108.	2.9	20
103	THE gamma SUBUNITS OF PHYCOERYTHRIN FROM A RED ALGA: POSITION IN PHYCOBILISOMES AND SEQUENCE CHARACTERIZATION. <i>Journal of Phycology</i> , 2001, 37, 64-70.	2.3	20
104	EXAMINATION OF DIEL CHANGES IN GLOBAL TRANSCRIPT ACCUMULATION IN SYNECHOCYSTIS (CYANOBACTERIA)1. <i>Journal of Phycology</i> , 2006, 42, 622-636.	2.3	18
105	A robust protocol for efficient generation, and genomic characterization of insertional mutants of <i>Chlamydomonas reinhardtii</i> . <i>Plant Methods</i> , 2017, 13, 22.	4.3	18
106	Prolonged and highly efficient intracellular extraction of photosynthetic electrons from single algal cells by optimized nanoelectrode insertion. <i>Nano Research</i> , 2018, 11, 397-409.	10.4	17
107	Why is primary endosymbiosis so rare?. <i>New Phytologist</i> , 2021, 231, 1693-1699.	7.3	17
108	Transcriptional regulation of photoprotection in dark-to-light transition—More than just a matter of excess light energy. <i>Science Advances</i> , 2022, 8, .	10.3	17

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109	Photo-movement in the sea anemone <i>Aiptasia</i> influenced by light quality and symbiotic association. <i>Coral Reefs</i> , 2020, 39, 47-54.	2.2	16
110	Interplay of four auxiliary factors is required for the assembly of photosystem I reaction center subcomplex. <i>Plant Journal</i> , 2021, 106, 1075-1086.	5.7	15
111	Title is missing!. <i>Plant Molecular Biology Reporter</i> , 1999, 17, 221-224.	1.8	14
112	Building the GreenCut2 suite of proteins to unmask photosynthetic function and regulation. <i>Microbiology (United Kingdom)</i> , 2019, 165, 697-718.	1.8	13
113	Title is missing!. <i>Photosynthesis Research</i> , 1997, 53, 173-184.	2.9	12
114	THE PHYCOBILISOME Î²18SUBUNIT GENE OF ALLOPHYCOCYANIN IS LOCATED ON THE PLASTID GENOME IN <i>AGLAOTHAMNION NEGLECTUM</i> (RHODOPHYTA) AND CO TRANSCRIBED WITH AN UNIDENTIFIED OPEN READING FRAME1. <i>Journal of Phycology</i> , 1993, 29, 716-718.	2.3	11
115	GreenCut protein <i>CPLD49</i> of <i>Chlamydomonas reinhardtii</i> associates with thylakoid membranes and is required for cytochrome <i>b₆f</i> complex accumulation. <i>Plant Journal</i> , 2018, 94, 1023-1037.	5.7	10
116	Impact of Menthol on Growth and Photosynthetic Function of <i>Breviolum Minutum</i> (Dinoflagellata, Dinophyceae, Symbiodiniaceae) and Interactions with its <i>Aiptasia</i> Host. <i>Journal of Phycology</i> , 2021, 57, 245-257.	2.3	7
117	A phytophotonic approach to enhanced photosynthesis. <i>Energy and Environmental Science</i> , 2020, 13, 4794-4807.	30.8	5
118	Transcriptome Reprogramming of Symbiodiniaceae <i>Breviolum minutum</i> in Response to Casein Amino Acids Supplementation. <i>Frontiers in Physiology</i> , 2020, 11, 574654.	2.8	5
119	Retrotransposition facilitated the establishment of a primary plastid in the thecate amoeba <i>Paulinella</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	5
120	THE STRUCTURE OF PHYCOBILISOMES IN MUTANTS OF <i>Synechococcus</i> sp. STRAIN PCC 7942 DEVOID OF SPECIFIC LINKER POLYPEPTIDES. <i>Photochemistry and Photobiology</i> , 1995, 61, 298-302.	2.5	4
121	moving toward more model algae. <i>Journal of Phycology</i> , 2021, 57, 51-53.	2.3	4
122	The chromatin organization of a chlorarachniophyte nucleomorph genome. <i>Genome Biology</i> , 2022, 23, 65.	8.8	4
123	Symbiosis with Dinoflagellates Alters Cnidarian Cell-Cycle Gene Expression. <i>Cellular Microbiology</i> , 2022, 2022, 1-20.	2.1	4
124	Intelligent image-activated sorting of <i>Chlamydomonas reinhardtii</i> by mitochondrial localization. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2022, 101, 1027-1034.	1.5	4
125	Immunolocalization of Metabolite Transporter Proteins in a Model Cnidarian-Dinoflagellate Symbiosis. <i>Applied and Environmental Microbiology</i> , 2022, 88, .	3.1	3
126	Corrigendum to "A novel analytical method for in vivo phosphate tracking" [FEBS Lett. 580 (2006) 5885-5893]. <i>FEBS Letters</i> , 2007, 581, 579-579.	2.8	2

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127	Analysis of the hli gene family in marine and freshwater cyanobacteria. FEMS Microbiology Letters, 2002, 215, 209-219.	1.8	2
128	Differential Phototactic Behavior of Closely Related Cyanobacterial Isolates from Yellowstone Hot Spring Biofilms. Applied and Environmental Microbiology, 2022, 88, e0019622.	3.1	2
129	Introduction. Photosynthesis Research, 2001, 67, 1-3.	2.9	1
130	REGENERATION OF A CELL FROM PROTOPLASM. Journal of Phycology, 2006, 42, 1-5.	2.3	1
131	Phylogenetic analysis of cell-cycle regulatory proteins within the Symbiodiniaceae. Scientific Reports, 2020, 10, 20473.	3.3	1