

# Gilles Peltier

## List of Publications by Citations

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115  
papers

8,681  
citations

55  
h-index

92  
g-index

119  
ext. papers

9,766  
ext. citations

7.9  
avg, IF

5.85  
L-index

#	Paper	IF	Citations
115	Oil accumulation in the model green alga <i>Chlamydomonas reinhardtii</i> : characterization, variability between common laboratory strains and relationship with starch reserves. <i>BMC Biotechnology</i> , <b>2011</b> , 11, 7	3.5	535
114	Chlororespiration. <i>Annual Review of Plant Biology</i> , <b>2002</b> , 53, 523-50	30.7	338
113	Chlororespiration and cyclic electron flow around PSI during photosynthesis and plant stress response. <i>Plant, Cell and Environment</i> , <b>2007</b> , 30, 1041-51	8.4	310
112	A nucleus-encoded factor, CRR2, is essential for the expression of chloroplast <i>ndhB</i> in Arabidopsis. <i>Plant Journal</i> , <b>2003</b> , 36, 541-9	6.9	264
111	An economic, sustainability, and energetic model of biodiesel production from microalgae. <i>Bioresource Technology</i> , <b>2012</b> , 111, 191-200	11	244
110	"Solvent-free" ultrasound-assisted extraction of lipids from fresh microalgae cells: a green, clean and scalable process. <i>Bioresource Technology</i> , <b>2012</b> , 114, 457-65	11	228
109	Sustained photoevolution of molecular hydrogen in a mutant of <i>Synechocystis</i> sp. strain PCC 6803 deficient in the type I NADPH-dehydrogenase complex. <i>Journal of Bacteriology</i> , <b>2004</b> , 186, 1737-46	3.5	205
108	PredAlgo: a new subcellular localization prediction tool dedicated to green algae. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 3625-39	8.3	195
107	An algal photoenzyme converts fatty acids to hydrocarbons. <i>Science</i> , <b>2017</b> , 357, 903-907	33.3	192
106	Targeted inactivation of the plastid <i>ndhB</i> gene in tobacco results in an enhanced sensitivity of photosynthesis to moderate stomatal closure. <i>Plant Physiology</i> , <b>2000</b> , 123, 1337-50	6.6	191
105	Proteomic profiling of oil bodies isolated from the unicellular green microalga <i>Chlamydomonas reinhardtii</i> : with focus on proteins involved in lipid metabolism. <i>Proteomics</i> , <b>2011</b> , 11, 4266-73	4.8	178
104	A type II NAD(P)H dehydrogenase mediates light-independent plastoquinone reduction in the chloroplast of <i>Chlamydomonas</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 20546-51	11.5	171
103	Hydrogen production by <i>Chlamydomonas reinhardtii</i> : an elaborate interplay of electron sources and sinks. <i>Planta</i> , <b>2008</b> , 227, 397-407	4.7	164
102	Generation of fertile transplastomic soybean. <i>Plant Molecular Biology</i> , <b>2004</b> , 55, 479-89	4.6	159
101	New subunits NDH-M, -N, and -O, encoded by nuclear genes, are essential for plastid Ndh complex functioning in higher plants. <i>Plant Cell</i> , <b>2005</b> , 17, 219-32	11.6	157
100	Autotrophic and mixotrophic hydrogen photoproduction in sulfur-deprived <i>chlamydomonas</i> cells. <i>Applied and Environmental Microbiology</i> , <b>2005</b> , 71, 6199-205	4.8	154
99	Potential for hydrogen production with inducible chloroplast gene expression in <i>Chlamydomonas</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 17548-53	11.5	153

98	Control of hydrogen photoproduction by the proton gradient generated by cyclic electron flow in <i>Chlamydomonas reinhardtii</i> . <i>Plant Cell</i> , <b>2011</b> , 23, 2619-30	11.6	149
97	NDH-1 and NDH-2 Plastoquinone Reductases in Oxygenic Photosynthesis. <i>Annual Review of Plant Biology</i> , <b>2016</b> , 67, 55-80	30.7	145
96	Chlororespiration: an adaptation to nitrogen deficiency in <i>Chlamydomonas reinhardtii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1991</b> , 88, 4791-5	11.5	137
95	Hydrogen production in <i>Chlamydomonas</i> : photosystem II-dependent and -independent pathways differ in their requirement for starch metabolism. <i>Plant Physiology</i> , <b>2009</b> , 151, 631-40	6.6	134
94	Electron flow between photosystem II and oxygen in chloroplasts of photosystem I-deficient algae is mediated by a quinol oxidase involved in chlororespiration. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 17256-62	5.4	132
93	Auxiliary electron transport pathways in chloroplasts of microalgae. <i>Photosynthesis Research</i> , <b>2010</b> , 106, 19-31	3.7	130
92	Involvement of a plastid terminal oxidase in plastoquinone oxidation as evidenced by expression of the <i>Arabidopsis thaliana</i> enzyme in tobacco. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 31623-30	5.4	125
91	Enhanced toxic metal accumulation in engineered bacterial cells expressing <i>Arabidopsis thaliana</i> phytochelatin synthase. <i>Applied and Environmental Microbiology</i> , <b>2003</b> , 69, 490-4	4.8	123
90	Characterization of Nda2, a plastoquinone-reducing type II NAD(P)H dehydrogenase in <i>chlamydomonas</i> chloroplasts. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 4148-57	5.4	116
89	Over-expression of a pepper plastid lipid-associated protein in tobacco leads to changes in plastid ultrastructure and plant development upon stress. <i>Plant Journal</i> , <b>2000</b> , 21, 483-94	6.9	114
88	Increased sensitivity of photosynthesis to antimycin A induced by inactivation of the chloroplast <i>ndhB</i> gene. Evidence for a participation of the NADH-dehydrogenase complex to cyclic electron flow around photosystem I. <i>Plant Physiology</i> , <b>2001</b> , 125, 1919-29	6.6	112
87	Generation and analysis of soybean plastid transformants expressing <i>Bacillus thuringiensis</i> Cry1Ab protoxin. <i>Plant Molecular Biology</i> , <b>2005</b> , 58, 659-68	4.6	108
86	O <sub>2</sub> uptake in the light in <i>chlamydomonas</i> : evidence for persistent mitochondrial respiration. <i>Plant Physiology</i> , <b>1985</b> , 79, 225-30	6.6	108
85	Inhibitor studies on non-photochemical plastoquinone reduction and H <sub>2</sub> photoproduction in <i>Chlamydomonas reinhardtii</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2005</b> , 1708, 322-32	4.6	105
84	Effect of PGR5 impairment on photosynthesis and growth in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , <b>2008</b> , 49, 1688-98	4.9	92
83	Combined increases in mitochondrial cooperation and oxygen photoreduction compensate for deficiency in cyclic electron flow in <i>Chlamydomonas reinhardtii</i> . <i>Plant Cell</i> , <b>2014</b> , 26, 3036-50	11.6	91
82	Evidence for an association of <i>ndh B</i> , <i>ndh J</i> gene products and ferredoxin-NADP-reductase as components of a chloroplastic NAD(P)H dehydrogenase complex. <i>FEBS Letters</i> , <b>1996</b> , 378, 277-80	3.8	91
81	A novel thioredoxin-like protein located in the chloroplast is induced by water deficit in <i>Solanum tuberosum</i> L. plants. <i>Plant Journal</i> , <b>1998</b> , 13, 97-107	6.9	90

80	Flavodiiron Proteins Promote Fast and Transient O Photoreduction in. <i>Plant Physiology</i> , <b>2017</b> , 174, 1825-1836	6.8	86
79	Nfu2: a scaffold protein required for [4Fe-4S] and ferredoxin iron-sulphur cluster assembly in Arabidopsis chloroplasts. <i>Plant Journal</i> , <b>2004</b> , 40, 101-11	6.9	87
78	The cyclic electron pathways around photosystem I in Chlamydomonas reinhardtii as determined in vivo by photoacoustic measurements of energy storage. <i>Planta</i> , <b>1994</b> , 193, 251	4.7	86
77	Investigation of fatty acids accumulation in Nannochloropsis oculata for biodiesel application. <i>Bioresource Technology</i> , <b>2012</b> , 124, 421-32	11	85
76	Microalgal lipid droplets: composition, diversity, biogenesis and functions. <i>Plant Cell Reports</i> , <b>2015</b> , 34, 545-55	5.1	83
75	Lipidomic and transcriptomic analyses of Chlamydomonas reinhardtii under heat stress unveil a direct route for the conversion of membrane lipids into storage lipids. <i>Plant, Cell and Environment</i> , <b>2016</b> , 39, 834-47	8.4	83
74	In vivo interactions between photosynthesis, mitorespiration, and chlororespiration in Chlamydomonas reinhardtii. <i>Plant Physiology</i> , <b>2002</b> , 129, 1921-8	6.6	83
73	Reduction of the plastoquinone pool by exogenous NADH and NADPH in higher plant chloroplasts. Characterization of a NAD(P)H-plastoquinone oxidoreductase activity. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>1998</b> , 1363, 59-69	4.6	81
72	Comparison of various microalgae liquid biofuel production pathways based on energetic, economic and environmental criteria. <i>Bioresource Technology</i> , <b>2013</b> , 136, 205-12	11	79
71	Molecular characterization of CDSP 34, a chloroplastic protein induced by water deficit in Solanum tuberosum L. plants, and regulation of CDSP 34 expression by ABA and high illumination. <i>Plant Journal</i> , <b>1998</b> , 16, 257-62	6.9	78
70	Specific function of a plastid sigma factor for ndhF gene transcription. <i>Nucleic Acids Research</i> , <b>2005</b> , 33, 5991-9	20.1	77
69	Microalgae Synthesize Hydrocarbons from Long-Chain Fatty Acids via a Light-Dependent Pathway. <i>Plant Physiology</i> , <b>2016</b> , 171, 2393-405	6.6	75
68	The green microalga Chlamydomonas reinhardtii has a single $\Delta^6$ fatty acid desaturase that localizes to the chloroplast and impacts both plastidic and extraplastidic membrane lipids. <i>Plant Physiology</i> , <b>2013</b> , 163, 914-28	6.6	75
67	Inhibition of a respiratory activity by short saturating flashes in Chlamydomonas: Evidence for a chlororespiration. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>1987</b> , 893, 83-90	4.6	75
66	Flocculent activity of a recombinant protein from Moringa oleifera Lam. seeds. <i>Applied Microbiology and Biotechnology</i> , <b>2002</b> , 60, 114-9	5.7	74
65	Chlamydomonas reinhardtii PsbS Protein Is Functional and Accumulates Rapidly and Transiently under High Light. <i>Plant Physiology</i> , <b>2016</b> , 171, 2717-30	6.6	69
64	Hunting the main player enabling Chlamydomonas reinhardtii growth under fluctuating light. <i>Plant Journal</i> , <b>2018</b> , 94, 822-835	6.9	67
63	Involvement of CDSP 32, a drought-induced thioredoxin, in the response to oxidative stress in potato plants. <i>FEBS Letters</i> , <b>2000</b> , 467, 245-8	3.8	67

62	Effect of water deficit on photosynthetic oxygen exchange measured using $^{18}\text{O}_2$ and mass spectrometry in <i>Solanum tuberosum</i> L. leaf discs. <i>Planta</i> , <b>1995</b> , 195, 570	4.7	66
61	Flexibility in photosynthetic electron transport: a newly identified chloroplast oxidase involved in chlororespiration. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2000</b> , 355, 1447-54 <sup>5,8</sup>	5.8	57
60	Chloroplast targeting of phytochelatin synthase in <i>Arabidopsis</i> : effects on heavy metal tolerance and accumulation. <i>Biochimie</i> , <b>2006</b> , 88, 1743-50	4.6	55
59	<i>Chlamydomonas</i> carries out fatty acid $\beta$ oxidation in ancestral peroxisomes using a bona fide acyl-CoA oxidase. <i>Plant Journal</i> , <b>2017</b> , 90, 358-371	6.9	54
58	Photosystem I is indispensable for photoautotrophic growth, $\text{CO}_2$ fixation, and $\text{H}_2$ photoproduction in <i>Chlamydomonas reinhardtii</i> . <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 10466-73	5.4	53
57	Deletion of Proton Gradient Regulation 5 (PGR5) and PGR5-Like 1 (PGRL1) proteins promote sustainable light-driven hydrogen production in <i>Chlamydomonas reinhardtii</i> due to increased PSII activity under sulfur deprivation. <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 892	6.2	49
56	A security network in PSI photoprotection: regulation of photosynthetic control, NPQ and $\text{O}_2$ photoreduction by cyclic electron flow. <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 875	6.2	48
55	Development of a forward genetic screen to isolate oil mutants in the green microalga <i>Chlamydomonas reinhardtii</i> . <i>Biotechnology for Biofuels</i> , <b>2013</b> , 6, 178	7.8	46
54	Development and validation of a screening procedure of microalgae for biodiesel production: application to the genus of marine microalgae <i>Nannochloropsis</i> . <i>Bioresource Technology</i> , <b>2015</b> , 177, 224-32 <sup>11</sup>	32	43
53	Heterocyst-specific flavodiiron protein Flv3B enables oxic diazotrophic growth of the filamentous cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 11205-10	11.5	43
52	Saturating Light Induces Sustained Accumulation of Oil in Plastidal Lipid Droplets in <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> , <b>2016</b> , 171, 2406-17	6.6	41
51	Hyper-accumulation of starch and oil in a <i>Chlamydomonas</i> mutant affected in a plant-specific DYRK kinase. <i>Biotechnology for Biofuels</i> , <b>2016</b> , 9, 55	7.8	39
50	Plastidial Expression of Type II NAD(P)H Dehydrogenase Increases the Reducing State of Plastoquinones and Hydrogen Photoproduction Rate by the Indirect Pathway in <i>Chlamydomonas reinhardtii</i> 1. <i>Plant Physiology</i> , <b>2014</b> , 165, 1344-1352	6.6	39
49	Distinguishing the Roles of Thylakoid Respiratory Terminal Oxidases in the Cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Plant Physiology</i> , <b>2016</b> , 171, 1307-19	6.6	38
48	Relationships between PSII-independent hydrogen bioproduction and starch metabolism as evidenced from isolation of starch catabolism mutants in the green alga <i>Chlamydomonas reinhardtii</i> . <i>International Journal of Hydrogen Energy</i> , <b>2010</b> , 35, 10731-10740	6.7	35
47	A stromal region of cytochrome subunit IV is involved in the activation of the Stt7 kinase in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 12063-12068 <sup>11,5</sup>	11.5	34
46	Light-Dependent Oxygen Uptake, Glycolate, and Ammonia Release in l-Methionine Sulfoximine-Treated <i>Chlamydomonas</i> . <i>Plant Physiology</i> , <b>1985</b> , 77, 281-4	6.6	30
45	Interorganelle Communication: Peroxisomal MALATE DEHYDROGENASE2 Connects Lipid Catabolism to Photosynthesis through Redox Coupling in <i>Chlamydomonas</i> . <i>Plant Cell</i> , <b>2018</b> , 30, 1824-1847 <sup>11,6</sup>	11.6	29

44	Flavodiiron-Mediated O Photoreduction Links H <sub>2</sub> Production with CO <sub>2</sub> Fixation during the Anaerobic Induction of Photosynthesis. <i>Plant Physiology</i> , <b>2018</b> , 177, 1639-1649	6.6	29
43	Elevated expression of PGR5 and NDH-H in bundle sheath chloroplasts in C4 flaveria species. <i>Plant and Cell Physiology</i> , <b>2010</b> , 51, 664-8	4.9	29
42	Mechanism and dynamics of fatty acid photodecarboxylase. <i>Science</i> , <b>2021</b> , 372,	33.3	28
41	Using coagulation/flocculation to harvest <i>Chlamydomonas reinhardtii</i> : Coagulant and flocculant efficiencies, and reuse of the liquid phase as growth medium. <i>Algal Research</i> , <b>2015</b> , 9, 283-290	5	24
40	Cytochrome b <sub>6</sub> f function and localization, phosphorylation state of thylakoid membrane proteins and consequences on cyclic electron flow. <i>Photosynthesis Research</i> , <b>2016</b> , 129, 307-20	3.7	24
39	A forward genetic approach in <i>Chlamydomonas reinhardtii</i> as a strategy for exploring starch catabolism. <i>PLoS ONE</i> , <b>2013</b> , 8, e74763	3.7	22
38	Limited photosynthetic electron flow but no CO <sub>2</sub> fixation in <i>Chlamydomonas</i> mutants lacking photosystem I. <i>FEBS Letters</i> , <b>1997</b> , 416, 65-8	3.8	22
37	Algal photosynthesis converts nitric oxide into nitrous oxide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 2704-2709	11.5	20
36	Third-generation biofuels: current and future research on microalgal lipid biotechnology. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , <b>2013</b> , 20, D606	1.5	20
35	Inhibition of chlororespiration by myxothiazol and antimycin A in <i>Chlamydomonas reinhardtii</i> . <i>Photosynthesis Research</i> , <b>1991</b> , 28, 141-8	3.7	19
34	Oxygen-exchange studies in <i>Chlamydomonas</i> mutants deficient in photosynthetic electron transport: Evidence for a Photosystem II-dependent oxygen uptake in vivo. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>1988</b> , 936, 319-324	4.6	19
33	Increased zinc content in transplastomic tobacco plants expressing a polyhistidine-tagged Rubisco large subunit. <i>Plant Biotechnology Journal</i> , <b>2004</b> , 2, 389-99	11.6	18
32	Continuous photoproduction of hydrocarbon drop-in fuel by microbial cell factories. <i>Scientific Reports</i> , <b>2019</b> , 9, 13713	4.9	17
31	PGRL1 and LHCSR3 Compensate for Each Other in Controlling Photosynthesis and Avoiding Photosystem I Photoinhibition during High Light Acclimation of <i>Chlamydomonas</i> Cells. <i>Molecular Plant</i> , <b>2017</b> , 10, 216-218	14.4	17
30	Hydrogen independent expression of hupSL genes in <i>Thiocapsa roseopersicina</i> BBS. <i>FEBS Journal</i> , <b>2005</b> , 272, 4807-16	5.7	17
29	Modification of substrate specificity in single point mutants of <i>Agrobacterium tumefaciens</i> type II NADH dehydrogenase. <i>FEBS Letters</i> , <b>2007</b> , 581, 4017-22	3.8	15
28	The Kok effect and the light-inhibition of chlororespiration in <i>Chlamydomonas reinhardtii</i> . <i>FEBS Letters</i> , <b>1988</b> , 228, 259-262	3.8	15
27	Branched-Chain Amino Acid Catabolism Impacts Triacylglycerol Homeostasis in. <i>Plant Physiology</i> , <b>2019</b> , 179, 1502-1514	6.6	14

26	The gene encoding the NdhH subunit of type 1 NAD(P)H dehydrogenase is essential to survival of <i>Synechocystis</i> PCC6803. <i>FEBS Letters</i> , <b>2000</b> , 487, 272-6	3.8	14
25	Improved oxygen tolerance of the <i>Synechocystis</i> sp. PCC 6803 bidirectional hydrogenase by site-directed mutagenesis of putative residues of the gas diffusion channel. <i>International Journal of Hydrogen Energy</i> , <b>2014</b> , 39, 16872-16884	6.7	13
24	Atrazine and diuron resistant plants from photoautotrophic protoplast-derived cultures of <i>Nicotiana plumbaginifolia</i> . <i>Plant Cell Reports</i> , <b>1990</b> , 9, 241-4	5.1	12
23	Non-Photochemical Reduction of Intersystem Electron Carriers in Chloroplasts of Higher Plants and Algae <b>1998</b> , 1877-1882		12
22	Subcellular Energetics and Carbon Storage in. <i>Cells</i> , <b>2019</b> , 8,	7.9	11
21	<i>Agrobacterium tumefaciens</i> type II NADH dehydrogenase. Characterization and interactions with bacterial and thylakoid membranes. <i>FEBS Journal</i> , <b>2006</b> , 273, 3625-37	5.7	11
20	Stimulation of the chlororespiratory electron flow by Photosystem II activity in <i>Chlamydomonas reinhardtii</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>1992</b> , 1101, 57-63	4.6	10
19	[76] Mass spectrometric measurement of photosynthetic and respiratory oxygen exchange. <i>Methods in Enzymology</i> , <b>1988</b> , 167, 686-691	1.7	10
18	Metal binding and antioxidant properties of chimeric tri- and tetra-domained metallothioneins. <i>Biochimie</i> , <b>2008</b> , 90, 705-16	4.6	8
17	Transport of antimony salts by <i>Arabidopsis thaliana</i> protoplasts over-expressing the human multidrug resistance-associated protein 1 (MRP1/ABCC1). <i>FEBS Letters</i> , <b>2006</b> , 580, 6891-7	3.8	8
16	Establishment and characterization of photoautotrophic protoplast-derived cultures of <i>Nicotiana plumbaginifolia</i> . <i>Plant Cell Reports</i> , <b>1989</b> , 8, 234-7	5.1	8
15	Structure-Function Analysis of Chloroplast Proteins via Random Mutagenesis Using Error-Prone PCR. <i>Plant Physiology</i> , <b>2018</b> , 177, 465-475	6.6	6
14	Evidence for <sup>18</sup> O labeling of photorespiratory CO <sub>2</sub> in photoautotrophic cell cultures of higher plants illuminated in the presence of <sup>18</sup> O <sub>2</sub> . <i>Planta</i> , <b>1993</b> , 190, 407	4.7	6
13	Alternative photosynthesis pathways drive the algal CO <sub>2</sub> -concentrating mechanism.. <i>Nature</i> , <b>2022</b> ,	50.4	6
12	Fatty acid photodecarboxylase is an ancient photoenzyme that forms hydrocarbons in the thylakoids of algae. <i>Plant Physiology</i> , <b>2021</b> , 186, 1455-1472	6.6	5
11	Role of an ancient light-harvesting protein of PSI in light absorption and photoprotection. <i>Nature Communications</i> , <b>2021</b> , 12, 679	17.4	5
10	Membrane Inlet Mass Spectrometry: A Powerful Tool for Algal Research. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 1302	6.2	4
9	Oxygen photoreduction and variable fluorescence during a dark-to-light transition in <i>Chlorella pyrenoidosa</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>1987</b> , 894, 543-551	4.6	3

- 8 Fatty acid photodecarboxylase is an ancient photoenzyme responsible for hydrocarbon formation in the thylakoid membranes of algae 3
- 7 An oomycete effector impairs autophagy in evolutionary distant organisms and favors host infection 2
- 6 Membrane Inlet Mass Spectrometry at the Crossroads of Photosynthesis, Biofuel, and Climate Research. *Plant Physiology*, **2020**, 183, 451-454 6.6 1
- 5 Carbonic anhydrase activity in leaves as measured in vivo by  $^{18}\text{O}$  exchange between carbon dioxide and water. *Planta*, **1995**, 196, 732 4.7 1
- 4 Physiological functions of malate shuttles in plants and algae. *Trends in Plant Science*, **2021**, 13.1 1
- 3 Chlororespiration in Unicellular Green Algae **1995**, 1865-1868 1
- 2 Developments In Plastid Transformation. *Developments in Plant Genetics and Breeding*, **2000**, 59-66
- 1 Hydrogen and Biofuel Production in the Chloroplast **2014**, 559-585