

Miquel Ribas-Carbo

List of Publications by Year in descending order

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121
papers

11,888
citations

30070

54
h-index

27406

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124
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124
docs citations

124
times ranked

9118
citing authors

#	ARTICLE	IF	CITATIONS
1	High-throughput phenotyping of a large tomato collection under water deficit: Combining UAVsâ€™ remote sensing with conventional leaf-level physiologic and agronomic measurements. <i>Agricultural Water Management</i> , 2022, 260, 107283.	5.6	12
2	Leaf physiological traits of plants from the Qinghai-Tibet Plateau and other arid sites in China: Identifying susceptible species and well-adapted extremophiles. <i>Journal of Plant Physiology</i> , 2022, 272, 153689.	3.5	7
3	The Lack of Alternative Oxidase 1a Restricts in vivo Respiratory Activity and Stress-Related Metabolism for Leaf Osmoprotection and Redox Balancing Under Sudden Acute Water and Salt Stress in <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2022, 13, .	3.6	3
4	Decreased Levels of Thioredoxin o1 Influences Stomatal Development and Aperture but Not Photosynthesis under Non-Stress and Saline Conditions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1063.	4.1	8
5	Cytochrome c Deficiency Differentially Affects the In Vivo Mitochondrial Electron Partitioning and Primary Metabolism Depending on the Photoperiod. <i>Plants</i> , 2021, 10, 444.	3.5	3
6	Different Metabolic Roles for Alternative Oxidase in Leaves of Palustrine and Terrestrial Species. <i>Frontiers in Plant Science</i> , 2021, 12, 752795.	3.6	1
7	Cytochrome respiration pathway and sulphur metabolism sustain stress tolerance to low temperature in the Antarctic species <i>Colobanthus quitensis</i> . <i>New Phytologist</i> , 2020, 225, 754-768.	7.3	32
8	The Use of a Tomato Landrace as Rootstock Improves the Response of Commercial Tomato under Water Deficit Conditions. <i>Agronomy</i> , 2020, 10, 748.	3.0	10
9	Biochemical and mesophyll diffusional limits to photosynthesis are determined by prey and root nutrient uptake in the carnivorous pitcher plant <i>Nepenthes <i>ventrata</i></i> . <i>Annals of Botany</i> , 2020, 126, 25-37.	2.9	15
10	Low temperature tolerance of the Antarctic species <i>Deschampsia antarctica</i> : A complex metabolic response associated with nutrient remobilization. <i>Plant, Cell and Environment</i> , 2020, 43, 1376-1393.	5.7	21
11	The alternative oxidase pathway is involved in optimizing photosynthesis in <i>Medicago truncatula</i> infected by <i>Fusarium oxysporum</i> and <i>Rhizoctonia solani</i> . <i>Physiologia Plantarum</i> , 2020, 169, 600-611.	5.2	8
12	Exploring molecular evolution of Rubisco in C3 and CAM Orchidaceae and Bromeliaceae. <i>BMC Evolutionary Biology</i> , 2020, 20, 11.	3.2	16
13	The Lack of Mitochondrial Thioredoxin TRXo1 Affects In Vivo Alternative Oxidase Activity and Carbon Metabolism under Different Light Conditions. <i>Plant and Cell Physiology</i> , 2019, 60, 2369-2381.	3.1	35
14	Anatomical constraints to nonstomatal diffusion conductance and photosynthesis in lycophytes and bryophytes. <i>New Phytologist</i> , 2019, 222, 1256-1270.	7.3	72
15	Tomato landraces as a source to minimize yield losses and improve fruit quality under water deficit conditions. <i>Agricultural Water Management</i> , 2019, 223, 105722.	5.6	34
16	Coordinated responses of mitochondrial antioxidative enzymes, respiratory pathways and metabolism in <i>Arabidopsis thaliana</i> thioredoxin <i>trxo1</i> mutants under salinity. <i>Environmental and Experimental Botany</i> , 2019, 162, 212-222.	4.2	12
17	Characterization of phenology, physiology, morphology and biomass traits across a broad Euro-Mediterranean ecotypic panel of the lignocellulosic feedstock <i>Arundo donax</i> . <i>GCB Bioenergy</i> , 2019, 11, 152-170.	5.6	21
18	Phosphorus concentration coordinates a respiratory bypass, synthesis and exudation of citrate, and the expression of high-affinity phosphorus transporters in <i>Solanum lycopersicum</i> . <i>Plant, Cell and Environment</i> , 2018, 41, 865-875.	5.7	21

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19	Changes in yield, growth and photosynthesis in a drought-adapted Mediterranean tomato landrace (<i>Solanum lycopersicum</i> ‘Ramellet’™) when grafted onto commercial rootstocks and <i>Solanum pimpinellifolium</i> . <i>Scientia Horticulturae</i> , 2018, 233, 70-77.	3.6	23
20	An In Vivo Perspective of the Role(s) of the Alternative Oxidase Pathway. <i>Trends in Plant Science</i> , 2018, 23, 206-219.	8.8	118
21	PGPR Reduce Root Respiration and Oxidative Stress Enhancing <i>Spartina maritima</i> Root Growth and Heavy Metal Rhizoaccumulation. <i>Frontiers in Plant Science</i> , 2018, 9, 1500.	3.6	61
22	Measuring Photosynthesis and Respiration with Infrared Gas Analysers. , 2018, , 51-75.		12
23	Arbuscular Mycorrhizal Symbiosis with <i>Arundo donax</i> Decreases Root Respiration and Increases Both Photosynthesis and Plant Biomass Accumulation. <i>Plant, Cell and Environment</i> , 2017, 40, 1115-1126.	5.7	45
24	Combined effect of virus infection and water stress on water flow and water economy in grapevines. <i>Physiologia Plantarum</i> , 2017, 160, 171-184.	5.2	18
25	Arbuscular mycorrhizal fungus colonization in <i>Nicotiana tabacum</i> decreases the rate of both carboxylate exudation and root respiration and increases plant growth under phosphorus limitation. <i>Plant and Soil</i> , 2017, 416, 97-106.	3.7	31
26	Respiratory ATP cost and benefit of arbuscular mycorrhizal symbiosis with <i>Nicotiana tabacum</i> at different growth stages and under salinity. <i>Journal of Plant Physiology</i> , 2017, 218, 243-248.	3.5	19
27	Measurements of Electron Partitioning Between Cytochrome and Alternative Oxidase Pathways in Plant Tissues. <i>Methods in Molecular Biology</i> , 2017, 1670, 203-217.	0.9	10
28	Photoperiod Affects the Phenotype of Mitochondrial Complex I Mutants. <i>Plant Physiology</i> , 2017, 173, 434-455.	4.8	22
29	Variations of leaf morphology, photosynthetic traits and water-use efficiency in Western-Mediterranean tomato landraces. <i>Photosynthetica</i> , 2017, 55, 121-133.	1.7	19
30	Integrative field scale phenotyping for investigating metabolic components of water stress within a vineyard. <i>Plant Methods</i> , 2017, 13, 90.	4.3	37
31	Salinity tolerance is related to cyanide-resistant alternative respiration in <i>Medicago truncatula</i> under sudden severe stress. <i>Plant, Cell and Environment</i> , 2016, 39, 2361-2369.	5.7	46
32	Unravelling the <i>in vivo</i> regulation and metabolic role of the alternative oxidase pathway in <i>C₃</i> species under photoinhibitory conditions. <i>New Phytologist</i> , 2016, 212, 66-79.	7.3	36
33	Improving respiration measurements with gas exchange analyzers. <i>Journal of Plant Physiology</i> , 2016, 207, 73-77.	3.5	2
34	Mesophyll conductance to CO ₂ and Rubisco as targets for improving intrinsic water use efficiency in <i>C₃</i> plants. <i>Plant, Cell and Environment</i> , 2016, 39, 965-982.	5.7	186
35	Impaired Cyclic Electron Flow around Photosystem I Disturbs High-Light Respiratory Metabolism. <i>Plant Physiology</i> , 2016, 172, 2176-2189.	4.8	20
36	Trade-offs between seedling growth, plant respiration and water-use efficiency in two Mediterranean shrubs <i>Rhamnus alaternus</i> and <i>Rhamnus ludovici-salvatoris</i> . <i>Photosynthetica</i> , 2015, 53, 537-546.	1.7	10

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37	UAVs challenge to assess water stress for sustainable agriculture. <i>Agricultural Water Management</i> , 2015, 153, 9-19.	5.6	388
38	Differences in water-use-efficiency between two <i>Vitis vinifera</i> cultivars (Grenache and Tempranillo) explained by the combined response of stomata to hydraulic and chemical signals during water stress. <i>Agricultural Water Management</i> , 2015, 156, 1-9.	5.6	49
39	Assessment of the role of silicon in the Cu-tolerance of the C4 grass <i>Spartina densiflora</i> . <i>Journal of Plant Physiology</i> , 2015, 178, 74-83.	3.5	47
40	Diffusional limitations explain the lower photosynthetic capacity of ferns as compared with angiosperms in a common garden study. <i>Plant, Cell and Environment</i> , 2015, 38, 448-460.	5.7	112
41	Effects of long-term individual and combined water and temperature stress on the growth of rice, wheat and maize: relationship with morphological and physiological acclimation. <i>Physiologia Plantarum</i> , 2015, 155, 149-165.	5.2	62
42	The alternative respiratory pathway mediates carboxylate synthesis in white lupin cluster roots under phosphorus deprivation. <i>Plant, Cell and Environment</i> , 2014, 37, 922-928.	5.7	45
43	Variability of mesophyll conductance in grapevine cultivars under water stress conditions in relation to leaf anatomy and water use efficiency. <i>Australian Journal of Grape and Wine Research</i> , 2014, 20, 272-280.	2.1	62
44	Suppression of the External Mitochondrial NADPH Dehydrogenase, NDB1, in <i>Arabidopsis thaliana</i> Affects Central Metabolism and Vegetative Growth. <i>Molecular Plant</i> , 2014, 7, 356-368.	8.3	43
45	Suppression of NDA-Type Alternative Mitochondrial NAD(P)H Dehydrogenases in <i>Arabidopsis thaliana</i> Modifies Growth and Metabolism, but not High Light Stimulation of Mitochondrial Electron Transport. <i>Plant and Cell Physiology</i> , 2014, 55, 881-896.	3.1	40
46	Variability of water use efficiency in grapevines. <i>Environmental and Experimental Botany</i> , 2014, 103, 148-157.	4.2	112
47	Response of mitochondrial antioxidant system and respiratory pathways to reactive nitrogen species in pea leaves. <i>Physiologia Plantarum</i> , 2013, 147, 194-206.	5.2	22
48	Diffusional conductances to CO ₂ as a target for increasing photosynthesis and photosynthetic water-use efficiency. <i>Photosynthesis Research</i> , 2013, 117, 45-59.	2.9	305
49	Photosynthetic responses of soybean (<i>Glycine max</i> L.) to heat-induced electrical signalling are predominantly governed by modifications of mesophyll conductance for CO ₂ . <i>Plant, Cell and Environment</i> , 2013, 36, 542-552.	5.7	58
50	Photosynthesis limitations in three fern species. <i>Physiologia Plantarum</i> , 2013, 149, 599-611.	5.2	40
51	Importance of leaf anatomy in determining mesophyll diffusion conductance to CO ₂ across species: quantitative limitations and scaling up by models. <i>Journal of Experimental Botany</i> , 2013, 64, 2269-2281.	4.8	348
52	Anisohydric behaviour in grapevines results in better performance under moderate water stress and recovery than isohydric behaviour. <i>Plant and Soil</i> , 2012, 359, 335-349.	3.7	111
53	Mesophyll diffusion conductance to CO ₂ : An unappreciated central player in photosynthesis. <i>Plant Science</i> , 2012, 193-194, 70-84.	3.6	563
54	Light-responsive metabolite and transcript levels are maintained following a dark-adaptation period in leaves of <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2012, 195, 136-148.	7.3	44

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55	The effect of strobilurins on leaf gas exchange, water use efficiency and ABA content in grapevine under field conditions. <i>Journal of Plant Physiology</i> , 2012, 169, 379-386.	3.5	36
56	The Response of Photosynthesis to Soil Water Stress. , 2012, , 129-144.		24
57	GENETIC VARIATION OF PLANT WATER STATUS, WATER USE EFFICIENCY AND GRAPE YIELD AND QUALITY IN RESPONSE TO SOIL WATER AVAILABILITY IN GRAPEVINE (VITIS VINIFERA L.). <i>Acta Horticulturae</i> , 2012, , 143-150.	0.2	2
58	The <i>stomatal</i> effect on leaf water enrichment correlates with leaf hydraulic conductance and mesophyll conductance for CO ₂ . <i>Plant, Cell and Environment</i> , 2012, 35, 611-625.	5.7	79
59	Stomatal and non-stomatal limitations to photosynthesis in seedlings and saplings of Mediterranean species pre-conditioned and aged in nurseries: Different response to water stress. <i>Environmental and Experimental Botany</i> , 2012, 75, 235-247.	4.2	95
60	Water-use efficiency in grapevine cultivars grown under controlled conditions: effects of water stress at the leaf and whole-plant level. <i>Australian Journal of Grape and Wine Research</i> , 2012, 18, 164-172.	2.1	108
61	Carbon balance in grapevines under different soil water supply: importance of whole plant respiration. <i>Australian Journal of Grape and Wine Research</i> , 2012, 18, 308-318.	2.1	47
62	Rubisco activity in Mediterranean species is regulated by the chloroplastic CO ₂ concentration under water stress. <i>Journal of Experimental Botany</i> , 2011, 62, 653-665.	4.8	141
63	Physiological and morphological adaptations in relation to water use efficiency in Mediterranean accessions of <i>Solanum lycopersicum</i> . <i>Plant, Cell and Environment</i> , 2011, 34, 245-260.	5.7	152
64	<i>In vivo</i> cytochrome and alternative pathway respiration in leaves of <i>Arabidopsis thaliana</i> plants with altered alternative oxidase under different light conditions. <i>Plant, Cell and Environment</i> , 2011, 34, 1373-1383.	5.7	79
65	In the heat of the night “ alternative pathway respiration drives thermogenesis in <i>Philodendron bipinnatifidum</i> . <i>New Phytologist</i> , 2011, 189, 1013-1026.	7.3	30
66	Response of mitochondrial thioredoxin PsTrxo1, antioxidant enzymes, and respiration to salinity in pea (<i>Pisum sativum</i> L.) leaves. <i>Journal of Experimental Botany</i> , 2011, 62, 3863-3874.	4.8	89
67	Responses of wood anatomy and carbon isotope composition of <i>Quercus pubescens</i> saplings subjected to two consecutive years of summer drought. <i>Annals of Forest Science</i> , 2010, 67, 809-809.	2.0	41
68	Stomatal and mesophyll conductances to CO ₂ are the main limitations to photosynthesis in sugar beet (<i>Beta vulgaris</i>) plants grown with excess zinc. <i>New Phytologist</i> , 2010, 187, 145-158.	7.3	134
69	Effects of drought stress and subsequent rewatering on photosynthetic and respiratory pathways in <i>Nicotiana sylvestris</i> wild type and the mitochondrial complex I-deficient CMSII mutant. <i>Journal of Experimental Botany</i> , 2010, 61, 765-775.	4.8	67
70	Measuring Water Use Efficiency in Grapevines. , 2010, , 123-134.		11
71	Improving water use efficiency in grapevines: potential physiological targets for biotechnological improvement. <i>Australian Journal of Grape and Wine Research</i> , 2010, 16, 106-121.	2.1	235
72	Methodologies for the Measurement of Water Flow in Grapevines. , 2010, , 57-69.		6

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73	The role of mesophyll conductance during water stress and recovery in tobacco (<i>Nicotiana glauca</i>). <i>Journal of Experimental Botany</i> , 2009, 60, 2391-2405.	4.8	154
74	Plant mitochondria electron partitioning is independent of short-term temperature changes. <i>Plant, Cell and Environment</i> , 2009, 32, 585-591.	5.7	30
75	Changes of alternative oxidase activity, capacity and protein content in leaves of <i>Cucumis sativus</i> wild-type and MSC16 mutant grown under different light intensities. <i>Physiologia Plantarum</i> , 2009, 137, 419-426.	5.2	38
76	Interactive effects of soil water deficit and air vapour pressure deficit on mesophyll conductance to CO ₂ in <i>Vitis vinifera</i> and <i>Olea europaea</i> . <i>Journal of Experimental Botany</i> , 2009, 60, 2391-2405.	4.8	100
77	Estimating mesophyll conductance to CO ₂ : methodology, potential errors, and recommendations. <i>Journal of Experimental Botany</i> , 2009, 60, 2217-2234.	4.8	289
78	Photosynthesis limitations during water stress acclimation and recovery in the drought-adapted <i>Vitis</i> hybrid Richter-110 (<i>V. berlandieri</i> × <i>V. rupestris</i>). <i>Journal of Experimental Botany</i> , 2009, 60, 2361-2377.	4.8	294
79	Phytochrome-driven changes in respiratory electron transport partitioning in soybean (<i>Glycine max</i>). <i>Journal of Experimental Botany</i> , 2009, 60, 2361-2377.	3.8	15
80	Adjustments of water use efficiency by stomatal regulation during drought and recovery in the drought-adapted <i>Vitis</i> hybrid Richter-110 (<i>V. berlandieri</i> × <i>V. rupestris</i>). <i>Physiologia Plantarum</i> , 2008, 134, 313-323.	4.1	10
81	Mesophyll conductance to CO ₂ : current knowledge and future prospects. <i>Plant, Cell and Environment</i> , 2008, 31, 602-621.	5.7	926
82	Aquaporins and plant water balance. <i>Plant, Cell and Environment</i> , 2008, 31, 658-666.	5.7	256
83	Analysis of leakage in IRGA's leaf chambers of open gas exchange systems: quantification and its effects in photosynthesis parameterization. <i>Journal of Experimental Botany</i> , 2007, 58, 1533-1543.	4.8	226
84	Response of leaf respiration to water stress in Mediterranean species with different growth forms. <i>Journal of Arid Environments</i> , 2007, 68, 206-222.	2.4	86
85	Lack of Respiratory Chain Complex I Impairs Alternative Oxidase Engagement and Modulates Redox Signaling during Elicitor-Induced Cell Death in Tobacco. <i>Plant Cell</i> , 2007, 19, 640-655.	6.6	122
86	Effect of mitochondrial genome rearrangement on respiratory activity, photosynthesis, photorespiration and energy status of MSC16 cucumber (<i>Cucumis sativus</i>) mutant. <i>Physiologia Plantarum</i> , 2007, 131, 527-541.	5.2	62
87	Contribution of the cytochrome and alternative pathways to growth respiration and maintenance respiration in <i>Arabidopsis thaliana</i> . <i>Physiologia Plantarum</i> , 2007, 129, 143-151.	5.2	71
88	Leaf age-related changes in respiratory pathways are dependent on complex I activity in <i>Nicotiana sylvestris</i> . <i>Physiologia Plantarum</i> , 2007, 129, 152-162.	5.2	34
89	Rapid variations of mesophyll conductance in response to changes in CO ₂ concentration around leaves. <i>Plant, Cell and Environment</i> , 2007, 30, 1284-1298.	5.7	486
90	Mesophyll conductance to CO ₂ in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2007, 175, 501-511.	7.3	138

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91	Nitrogen Assimilation Studies Using ^{15}N in Soybean Plants Treated with Imazethapyr, an Inhibitor of Branched-Chain Amino Acid Biosynthesis. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 8818-8823.	5.2	27
92	Keeping a positive carbon balance under adverse conditions: responses of photosynthesis and respiration to water stress. <i>Physiologia Plantarum</i> , 2006, 127, 343-352.	5.2	601
93	Decreased Rubisco activity during water stress is not induced by decreased relative water content but related to conditions of low stomatal conductance and chloroplast CO_2 concentration. <i>New Phytologist</i> , 2006, 172, 73-82.	7.3	359
94	Tobacco aquaporin NtAQP1 is involved in mesophyll conductance to CO_2 in vivo. <i>Plant Journal</i> , 2006, 48, 427-439.	5.7	384
95	Effects of Water Stress on Respiration in Soybean Leaves. <i>Plant Physiology</i> , 2005, 139, 466-473.	4.8	245
96	The Effects of Water Stress on Plant Respiration. , 2005, , 85-94.		67
97	Regulation of Respiration In Vivo. , 2005, , 1-15.		27
98	The Application of the Oxygen-Isotope Technique to Assess Respiratory Pathway Partitioning. , 2005, , 31-42.		41
99	Understanding down-regulation of photosynthesis under water stress: future prospects and searching for physiological tools for irrigation management. <i>Annals of Applied Biology</i> , 2004, 144, 273-283.	2.5	240
100	The contribution of C_3 and C_4 plants to the carbon cycle of a tallgrass prairie: an isotopic approach. <i>Oecologia</i> , 2003, 136, 347-359.	2.0	67
101	^{18}O composition of CO_2 and H_2O ecosystem pools and fluxes in a tallgrass prairie: Simulations and comparisons to measurements. <i>Global Change Biology</i> , 2003, 9, 1567-1581.	9.5	54
102	Tumour necrosis factor-alpha uncouples respiration in isolated rat mitochondria. <i>Cytokine</i> , 2003, 22, 1-4.	3.2	37
103	Changes in Mitochondrial Electron Partitioning in Response to Herbicides Inhibiting Branched-Chain Amino Acid Biosynthesis in Soybean. <i>Plant Physiology</i> , 2003, 133, 1351-1359.	4.8	58
104	Automated system for simultaneous analysis of ^{13}C , ^{18}O and CO_2 concentrations in small air samples. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 339-345.	1.5	28
105	Regulation of Alternative Oxidase Activity in Six Wild Monocotyledonous Species. An in Vivo Study at the Whole Root Level. <i>Plant Physiology</i> , 2001, 126, 376-387.	4.8	57
106	Effects of light on respiration and oxygen isotope fractionation in soybean cotyledons. <i>Plant, Cell and Environment</i> , 2000, 23, 983-989.	5.7	80
107	The Electron Partitioning between the Cytochrome and Alternative Respiratory Pathways during Chilling Recovery in Two Cultivars of Maize Differing in Chilling Sensitivity. <i>Plant Physiology</i> , 2000, 122, 199-204.	4.8	122
108	The Effect of Growth and Measurement Temperature on the Activity of the Alternative Respiratory Pathway1. <i>Plant Physiology</i> , 1999, 120, 765-772.	4.8	152

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109	The Effects of Salicylic Acid and Tobacco Mosaic Virus Infection on the Alternative Oxidase of Tobacco. <i>Plant Physiology</i> , 1997, 115, 783-791.	4.8	143
110	The Regulation of Electron Partitioning between the Cytochrome and Alternative Pathways in Soybean Cotyledon and Root Mitochondria. <i>Plant Physiology</i> , 1997, 113, 903-911.	4.8	84
111	Effects of allelochemicals on plant respiration and oxygen isotope fractionation by the alternative oxidase. <i>Journal of Chemical Ecology</i> , 1996, 22, 801-805.	1.8	81
112	Direct Inhibition of Plant Mitochondrial Respiration by Elevated CO ₂ . <i>Plant Physiology</i> , 1996, 112, 1349-1355.	4.8	155
113	Electron Partitioning between the Cytochrome and Alternative Pathways in Plant Mitochondria. <i>Plant Physiology</i> , 1995, 109, 829-837.	4.8	141
114	Ubiquinone Redox Behavior in Plant Mitochondria during Electron Transport. <i>Archives of Biochemistry and Biophysics</i> , 1995, 317, 156-160.	3.0	30
115	Beyond Sham and Cyanide: Opportunities for Studying the Alternative Oxidase in Plant Respiration Using Oxygen Isotope Discrimination.. <i>Functional Plant Biology</i> , 1995, 22, 487.	2.1	45
116	Water status, photosynthetic pigments, C/N ratios and respiration rates of sitka spruce seedlings exposed to 70 ppbv ozone for a summer. <i>Environmental and Experimental Botany</i> , 1994, 34, 443-449.	4.2	13
117	The reaction of the plant mitochondrial cyanide-resistant alternative oxidase with oxygen. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1994, 1188, 205-212.	1.0	43
118	Measurements of the Engagement of Cyanide-Resistant Respiration in the Crassulacean Acid Metabolism Plant <i>Kalanchoe daigremontiana</i> with the Use of On-Line Oxygen Isotope Discrimination. <i>Plant Physiology</i> , 1992, 100, 1087-1091.	4.8	100
119	Short-Term Effects of Carbon Dioxide on Carnation Callus Cell Respiration. <i>Plant Physiology</i> , 1991, 96, 467-472.	4.8	61
120	Sulfide-Resistant Respiration in Leaves of <i>Elodea canadensis</i> Michx. <i>Plant Physiology</i> , 1989, 90, 1249-1251.	4.8	8
121	ECOPHYSIOLOGY OF PLANT RESPIRATION. , 0, , 269-292.		0