

CITATION REPORT

List of articles citing

Temperature-dependent changes in respiration rates and redox poise of the ubiquinone pool in protoplasts and isolated mitochondria of potato leaves

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Physiologia Plantarum, 2007, 129, 175-184.

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#	Paper	IF	Citations
23	Contrasting responses by respiration to elevated CO in intact tissue and isolated mitochondria. <i>Functional Plant Biology</i> , 2007 , 34, 112-117	2.7	12
22	Plant mitochondria are more active than ever!. <i>Physiologia Plantarum</i> , 2007 , 129, 1-5	4.6	4
21	Multilevel genomic analysis of the response of transcripts, enzyme activities and metabolites in Arabidopsis rosettes to a progressive decrease of temperature in the non-freezing range. <i>Plant, Cell and Environment</i> , 2008 , 31, 518-47	8.4	162
20	Dynamic changes in the mitochondrial electron transport chain underpinning cold acclimation of leaf respiration. <i>Plant, Cell and Environment</i> , 2008 , 31, 1156-69	8.4	96
19	The lack of alternative oxidase at low temperature leads to a disruption of the balance in carbon and nitrogen metabolism, and to an up-regulation of antioxidant defence systems in Arabidopsis thaliana leaves. <i>Plant, Cell and Environment</i> , 2008 , 31, 1190-202	8.4	108
18	Respiration in postharvest sugarbeet roots is not limited by respiratory capacity or adenylates. <i>Journal of Plant Physiology</i> , 2008 , 165, 1500-10	3.6	14
17	Respiration. 2008 , 101-150		18
16	Regulation of thermogenesis in flowering Araceae: the role of the alternative oxidase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008 , 1777, 993-1000	4.6	64
15	Growth temperature and plant age influence on nutritional quality of Amaranthus leaves and seed germination capacity#. <i>Water S A</i> , 2009 , 33,	1.3	1
14	Temperature dependence of respiration rates of leaves, 18O-experiments and super-Arrhenius kinetics. <i>Chemical Physics Letters</i> , 2009 , 482, 325-329	2.5	29
13	Increased accumulation of intron-containing transcripts in rice mitochondria caused by low temperature: is cold-sensitive RNA editing implicated?. <i>Current Genetics</i> , 2010 , 56, 529-41	2.9	16
12	Leaf respiration and alternative oxidase in field-grown alpine grasses respond to natural changes in temperature and light. <i>New Phytologist</i> , 2011 , 189, 1027-1039	9.8	43
11	Steps towards a mechanistic understanding of respiratory temperature responses. <i>New Phytologist</i> , 2011 , 189, 659-677	9.8	63
10	Mitochondrial energy metabolism in young bamboo rhizomes from Bambusa oldhamii and Phyllostachys edulis during shooting stage. <i>Plant Physiology and Biochemistry</i> , 2011 , 49, 449-57	5.4	13
9	Developmental changes in energy dissipation in etiolated wheat seedlings during the greening process. <i>Photosynthetica</i> , 2013 , 51, 497-508	2.2	10
8	Respiration in Terrestrial Ecosystems. 2014 , 613-649		7
7	Thermogenic respiratory processes drive the exponential increase of volatile organic compound emissions in Macrozamia cycad cones. <i>Plant, Cell and Environment</i> , 2016 , 39, 1588-600	8.4	12

6	Responses of the Mitochondrial Respiratory System to Low Temperature in Plants. <i>Critical Reviews in Plant Sciences</i> , 2017 , 36, 217-240	5.6	22
5	Glycolysis Is Dynamic and Relates Closely to Respiration Rate in Stored Sugarbeet Roots. <i>Frontiers in Plant Science</i> , 2017 , 8, 861	6.2	8
4	Growth temperature and plant age influence on nutritional quality of Amaranthus leaves and seed germination capacity. <i>Water S A</i> , 2018 , 33, 369	1.3	18
3	Core principles which explain variation in respiration across biological scales. <i>New Phytologist</i> , 2019 , 222, 670-686	9.8	52
2	Molecular and physiological responses during thermal acclimation of leaf photosynthesis and respiration in rice. <i>Plant, Cell and Environment</i> , 2020 , 43, 594-610	8.4	9
1	Photosynthesis, Respiration, and Long-Distance Transport: Respiration. 2019 , 115-172		1