

Seasonal changes in leaf antioxidant systems and xanthophyll cycle in
Taxus x media growing in sun and shade environments

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Decrease in the capacity for RuBP carboxylation and regeneration with the progression of cold-induced photoinhibition during winter in evergreen broadleaf tree species in a temperate forest. <i>Functional Plant Biology</i> , 2007, 34, 393.	2.1	12
2	Specific and unspecific responses of plants to cold and drought stress. <i>Journal of Biosciences</i> , 2007, 32, 501-510.	1.1	366
3	Effect of drought and low light on growth and enzymatic antioxidant system of <i>Picea asperata</i> seedlings. <i>Acta Physiologiae Plantarum</i> , 2008, 30, 433-440.	2.1	140
4	Seasonal changes in photoprotective mechanisms of leaves from shaded and unshaded field-grown coffee (<i>Coffea arabica</i> L.) trees. <i>Trees - Structure and Function</i> , 2008, 22, 351-361.	1.9	64
5	Red 'Anjou'™ pear has a higher photoprotective capacity than green 'Anjou'™. <i>Physiologia Plantarum</i> , 2008, 134, 486-498.	5.2	44
6	The shaded side of apple fruit becomes more sensitive to photoinhibition with fruit development. <i>Physiologia Plantarum</i> , 2008, 134, 282-292.	5.2	45
7	Seasonal changes of excitation energy transfer and thylakoid stacking in the evergreen tree <i>Taxus cuspidata</i> : How does it divert excess energy from photosynthetic reaction center?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 379-387.	1.0	22
8	Acclimation to short-term low temperatures in two <i>Eucalyptus globulus</i> clones with contrasting drought resistance. <i>Tree Physiology</i> , 2008, 29, 77-86.	3.1	37
9	Diurnal changes in chlorophyll fluorescence and light utilization in <i>Colocasia esculenta</i> leaves grown in marshy waterlogged area. <i>Biologia Plantarum</i> , 2009, 53, 167-170.	1.9	11
10	Winter photoinhibition in needles of <i>Taxus baccata</i> seedlings acclimated to different light levels. <i>Photosynthetica</i> , 2009, 47, 527-535.	1.7	8
11	Photosynthesis, non-photochemical pathways and activities of antioxidant enzymes in a resilient evergreen oak under different climatic conditions from a valley savanna in Southwest China. <i>Physiologia Plantarum</i> , 2009, 135, 62-72.	5.2	40
12	Seasonal structural and functional changes in the photosynthetic apparatus of evergreen conifers. <i>Russian Journal of Plant Physiology</i> , 2009, 56, 607-615.	1.1	21
13	Seasonal changes in photosynthesis, antioxidant systems and ELIP expression in a thermonastic and non-thermonastic <i>Rhododendron</i> species: A comparison of photoprotective strategies in overwintering plants. <i>Plant Science</i> , 2009, 177, 607-617.	3.6	45
14	Characterization of pigment apparatus in winter-green and summer-green leaves of a shade-tolerant plant <i>Ajuga reptans</i> . <i>Russian Journal of Plant Physiology</i> , 2010, 57, 755-763.	1.1	6
15	Adaptational changes in the lipids and fatty acid profile of the cell and thylakoid membrane of rice plants exposed to sunlight. <i>Physiology and Molecular Biology of Plants</i> , 2010, 16, 229-240.	3.1	2
16	Photoprotective mechanisms in cold-acclimated and nonacclimated needles of <i>Picea glehnii</i> . <i>Photosynthetica</i> , 2010, 48, 110-116.	1.7	7
17	Comparison of sapling-level daily light capture and carbon gain between a temperate deciduous and a co-occurring evergreen tree species in the growing season and in winter. <i>Functional Plant Biology</i> , 2010, 37, 215.	2.1	5
18	Violaxanthin cycle pigment de-epoxidation and thermal dissipation of light energy in three boreal species of evergreen conifer plants. <i>Russian Journal of Plant Physiology</i> , 2011, 58, 169-173.	1.1	10

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19	Xanthophyll cycle pigment and antioxidant profiles of winter-red (anthocyanic) and winter-green (acyanic) angiosperm evergreen species. <i>Journal of Experimental Botany</i> , 2012, 63, 1895-1905.	4.8	54
20	Development of mulberry varieties for sustainable growth and leaf yield in temperate and subtropical regions of India. <i>Euphytica</i> , 2012, 185, 215-225.	1.2	11
21	Response of the antioxidant system of light-demanding and shade-bearing pine species to phytoecotoxic stress. <i>Contemporary Problems of Ecology</i> , 2013, 6, 149-155.	0.7	4
22	Comparison of photosynthesis and antioxidant performance of several <i>Citrus</i> and <i>Fortunella</i> species (<i>Rutaceae</i>) under natural chilling stress. <i>Trees - Structure and Function</i> , 2013, 27, 71-83.	1.9	38
23	Sustained energy dissipation in winter evergreens. <i>New Phytologist</i> , 2014, 201, 57-65.	7.3	161
24	Effects of sub-optimal temperatures and low light intensity on growth and anti-oxidant enzyme activities in watermelon (<i>Citrullus lanatus</i>) seedlings. <i>Journal of Horticultural Science and Biotechnology</i> , 2015, 90, 92-98.	1.9	8
25	Relationship between leaf reddening, ROS and antioxidants in <i>Buxus microphylla</i> during overwintering. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	2.1	4
26	Expression and functional analysis of two <i>PsbS</i> genes in bamboo (<i>Phyllostachys</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 3.2 3		
27	Shared mechanisms of photoprotection in photosynthetic organisms tolerant to desiccation or to low temperature. <i>Environmental and Experimental Botany</i> , 2018, 154, 66-79.	4.2	44
28	The Role of Leaf Movements for Optimizing Photosynthesis in Relation to Environmental Variation. <i>Advances in Photosynthesis and Respiration</i> , 2018, , 401-423.	1.0	5
29	Accumulation of heavy metals and biochemical responses in Siberian larch needles in urban area. <i>Ecotoxicology</i> , 2019, 28, 578-588.	2.4	11
30	Specific thylakoid protein phosphorylations are prerequisites for overwintering of Norway spruce () Tj ETQq1 1 0.784314 rgBT /Overlock 7.1 32 States of America, 2020, 117, 17499-17509.	7.1	32
31	Effects of contrasting shade treatments on the carbon production and antioxidant activities of soybean plants. <i>Functional Plant Biology</i> , 2020, 47, 342.	2.1	13
32	Red-leafed species for urban "greening" in the age of global climate change. <i>Journal of Forestry Research</i> , 2021, 32, 151-159.	3.6	26
33	Crop photosynthetic response to light quality and light intensity. <i>Journal of Integrative Agriculture</i> , 2021, 20, 4-23.	3.5	76
34	The role of antioxidant defense in freezing tolerance of resurrection plant <i>Haberlea rhodopensis</i> . <i>Physiology and Molecular Biology of Plants</i> , 2021, 27, 1119-1133.	3.1	12
36	Physiological Research on Winter-hardiness: Deacclimation Resistance, Reacclimation Ability, Photoprotection Strategies, and a Cold Acclimation Protocol Design. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2011, 46, 1070-1078.	1.0	54
37	Improving Low- Temperature Tolerance in Plants. , 2006, , 247-290.		0

