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Alternative oxidases in Arabidopsis: a comparative analysis of differential expression in the gene family provides new insights into function of non-phosphorylating bypasses

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#	Paper	IF	Citations
296	Light and oxygen are not required for harpin-induced cell death. <b>2007</b> , 282, 37556-66		27
295	Two zinc-cluster transcription factors control induction of alternative oxidase in <i>Neurospora crassa</i> . <b>2007</b> , 177, 1997-2006		18
294	Characterization of the regulatory and expression context of an alternative oxidase gene provides insights into cyanide-insensitive respiration during growth and development. <i>Plant Physiology</i> , <b>2007</b> , 143, 1519-33	6.6	47
293	The Cytotoxic lipid peroxidation product 4-hydroxy-2-nonenal covalently modifies a selective range of proteins linked to respiratory function in plant mitochondria. <b>2007</b> , 282, 37436-47		68
292	Modeling of the thermoregulation system in the skunk cabbage: <i>Symplocarpus foetidus</i> . <b>2007</b> , 76, 031918		6
291	Identification of an alternative oxidase induction motif in the promoter region of the aod-1 gene in <i>Neurospora crassa</i> . <b>2007</b> , 175, 1597-606		15
290	Alternative oxidase involvement in cold stress response of <i>Arabidopsis thaliana</i> fad2 and FAD3+ cell suspensions altered in membrane lipid composition. <i>Plant and Cell Physiology</i> , <b>2007</b> , 48, 856-65	4.9	53
289	Genome-wide analysis of mRNA decay rates and their determinants in <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , <b>2007</b> , 19, 3418-36	11.6	239
288	Regulation of copper homeostasis by micro-RNA in <i>Arabidopsis</i> . <b>2007</b> , 282, 16369-78		318
287	Mitochondrial redox biology and homeostasis in plants. <b>2007</b> , 12, 125-34		402
286	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> , <b>2007</b> , 19, 640-55	11.6	114
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277	Functional coexpression of the mitochondrial alternative oxidase and uncoupling protein underlies thermoregulation in the thermogenic florets of skunk cabbage. <i>Plant Physiology</i> , <b>2008</b> , 146, 636-45	6.6	36
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275	The absence of ALTERNATIVE OXIDASE1a in Arabidopsis results in acute sensitivity to combined light and drought stress. <i>Plant Physiology</i> , <b>2008</b> , 147, 595-610	6.6	292
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