

Sylvie Ferrario-Mery

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,364
citations

516710

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940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1697
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrate transport and signalling in Arabidopsis. Journal of Experimental Botany, 2014, 65, 789-798.	4.8	408
2	Glutamate Dehydrogenase of Tobacco Is Mainly Induced in the Cytosol of Phloem Companion Cells When Ammonia Is Provided Either Externally or Released during Photorespiration. Plant Physiology, 2004, 136, 4308-4317.	4.8	102
3	The regulatory PII protein controls arginine biosynthesis in Arabidopsis. FEBS Letters, 2006, 580, 2015-2020.	2.8	102
4	Assimilation of excess ammonium into amino acids and nitrogen translocation in Arabidopsis thaliana: roles of glutamate synthases and carbamoylphosphate synthetase in leaves. FEBS Journal, 2009, 276, 4061-4076.	4.7	87
5	Brachypodium: a promising hub between model species and cereals. Journal of Experimental Botany, 2014, 65, 5683-5696.	4.8	87
6	N availability modulates the role of NPF3.1, a gibberellin transporter, in GA-mediated phenotypes in Arabidopsis. Planta, 2016, 244, 1315-1328.	3.2	75
7	Modulation of carbon and nitrogen metabolism, and of nitrate reductase, in untransformed and transformed Nicotiana glauca during CO ₂ enrichment of plants grown in pots and in hydroponic culture. Planta, 1997, 202, 510-521.	3.2	73
8	Physiological characterisation of Arabidopsis mutants affected in the expression of the putative regulatory protein PII. Planta, 2005, 223, 28-39.	3.2	58
9	Photorespiration-dependent increases in phospho enol pyruvate carboxylase, isocitrate dehydrogenase and glutamate dehydrogenase in transformed tobacco plants deficient in ferredoxin-dependent glutamine- α -ketoglutarate aminotransferase. Planta, 2002, 214, 877-886.	3.2	56
10	Chloroplast nitrite uptake is enhanced in Arabidopsis PII mutants. FEBS Letters, 2008, 582, 1061-1066.	2.8	54
11	Glutamine and α -ketoglutarate are metabolite signals involved in nitrate reductase gene transcription in untransformed and transformed tobacco plants deficient in ferredoxin-glutamine- α -ketoglutarate aminotransferase. Planta, 2001, 213, 265-271.	3.2	53
12	PII is induced by WRINKLED1 and fine-tunes fatty acid composition in seeds of Arabidopsis thaliana. Plant Journal, 2010, 64, 291-303.	5.7	49
13	Interactions Between Carbon and Nitrogen Metabolism. , 2001, , 237-254.		40
14	Diurnal changes in ammonia assimilation in transformed tobacco plants expressing ferredoxin-dependent glutamate synthase mRNA in the antisense orientation. Plant Science, 2002, 163, 59-67.	3.6	39
15	Metabolite regulation of the interaction between Arabidopsis thaliana PII and N-acetyl-l-glutamate kinase. Biochemical and Biophysical Research Communications, 2009, 387, 700-704.	2.1	29
16	Proanthocyanidin oxidation of Arabidopsis seeds is altered in mutant of the high-affinity nitrate transporter NRT2.7. Journal of Experimental Botany, 2014, 65, 885-893.	4.8	29
17	Expression of a ferredoxin-dependent glutamate synthase gene in mesophyll and vascular cells and functions of the enzyme in ammonium assimilation in Nicotiana tabacum (L.). Planta, 2005, 222, 667-677.	3.2	19
18	Nitrogen and Signaling. , 2002, , 205-225.		4