Robert D Slocum

List of Publications by Year
in descending order

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17	1,346	840776 11	940533 16
papers	citations	h-index	g-index

17	17	17	1192
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A functional analysis of the pyrimidine catabolic pathway in Arabidopsis. New Phytologist, 2009, 183, 117-132.	7.3	86
2	Expression and functional analysis of aspartate transcarbamoylase and role of de novo pyrimidine synthesis in regulation of growth and development in Arabidopsis. Plant Physiology and Biochemistry, 2008, 46, 150-159.	5.8	32
3	Effects of phosphate limitation on expression of genes involved in pyrimidine synthesis and salvaging in Arabidopsis. Plant Physiology and Biochemistry, 2005, 43, 91-99.	5.8	30
4	Genes, enzymes and regulation of arginine biosynthesis in plants. Plant Physiology and Biochemistry, 2005, 43, 729-745.	5.8	256
5	UPS1 and UPS2 from Arabidopsis Mediate High Affinity Transport of Uracil and 5-Fluorouracil. Journal of Biological Chemistry, 2004, 279, 44817-44824.	3.4	55
6	PALA-mediated pyrimidine starvation increases expression of aspartate transcarbamoylase (pyrB) in Arabidopsis seedlings. Plant Physiology and Biochemistry, 2003, 41, 695-703.	5.8	12
7	Purification and characterization of Arabidopsis ornithine transcarbamoylase (OTCase), a member of a distinct and evolutionarily-conserved group of plant OTCases. Plant Physiology and Biochemistry, 2000, 38, 279-288.	5.8	6
8	Molecular cloning and characterization of a UDP-glucose-4-epimerase gene (galE) and its expression in pea tissues. Plant Physiology and Biochemistry, 1998, 36, 555-562.	5.8	12
9	Isolation and characterization of a cDNA encoding a pea ornithine transcarbamoylase (argF) and comparison with other transcarbamoylases. Plant Molecular Biology, 1996, 31, 1087-1092.	3.9	11
10	Molecular Cloning and Evidence for Osmoregulation of the Î”1-Pyrroline-5-Carboxylate Reductase (proC) Gene in Pea (Pisum sativum L.). Plant Physiology, 1992, 100, 1464-1470.	4.8	59
11	Immunological Characterization of Plant Ornithine Transcarbamylases. Plant Physiology, 1990, 92, 1205-1210.	4.8	10
12	Improved Method for HPLC Analysis of Polyamines, Agmatine and Aromatic Monoamines in Plant Tissue. Plant Physiology, 1989, 89, 512-517.	4.8	104
13	Inhibition of Polyamine Biosynthesis in Plants and Plant Pathogenic Fungi. , 1987, , 305-316.		19
14	Î±-Difluoromethylarginine treatment inhibits protoplast fusion in fusogenic wild-carrot protoplasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 1986, 886, 130-134.	4.1	17
15	In Vivo Inhibition of Polyamine Biosynthesis and Growth In Tobacco Ovary Tissues. Plant and Cell Physiology, 1985, , .	3.1	15
16	Changes in Polyamine Biosynthesis Associated with Postfertilization Growth and Development in Tobacco Ovary Tissues. Plant Physiology, 1985, 79, 336-343.	4.8	122
17	The physiology and biochemistry of polyamines in plants. Archives of Biochemistry and Biophysics, 1984, 235, 283-303.	3.0	500