

Helena Cruz de Carvalho

List of Publications by Year in descending order

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16
papers

1,882
citations

687363

13
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

3042
citing authors

#	ARTICLE	IF	CITATIONS
1	Drought stress and reactive oxygen species. <i>Plant Signaling and Behavior</i> , 2008, 3, 156-165.	2.4	1,093
2	Contrasted effect of biochar and earthworms on rice growth and resource allocation in different soils. <i>Soil Biology and Biochemistry</i> , 2010, 42, 1017-1027.	8.8	138
3	Global reprogramming of transcription and metabolism in <i>Medicago truncatula</i> during progressive drought and after rewatering. <i>Plant, Cell and Environment</i> , 2014, 37, 2553-2576.	5.7	138
4	Glutathione Reductase in Leaves of Cowpea: Cloning of Two cDNAs, Expression and Enzymatic Activity under Progressive Drought Stress, Desiccation and Abscisic Acid Treatment. <i>Annals of Botany</i> , 2006, 98, 1279-1287.	2.9	127
5	Aspartic protease in leaves of common bean (<i>Phaseolus vulgaris</i> L.) and cowpea (<i>Vigna unguiculata</i> L.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 10 492, 242-246.	2.8	84
6	Comparison of the physiological responses of <i>Phaseolus vulgaris</i> and <i>Vigna unguiculata</i> cultivars when submitted to drought conditions. <i>Environmental and Experimental Botany</i> , 1998, 40, 197-207.	4.2	62
7	Efficient whole plant regeneration of common bean (<i>Phaseolus vulgaris</i> L.) using thin-cell-layer culture and silver nitrate. <i>Plant Science</i> , 2000, 159, 223-232.	3.6	61
8	Biochar but not earthworms enhances rice growth through increased protein turnover. <i>Soil Biology and Biochemistry</i> , 2012, 52, 13-20.	8.8	38
9	Direct whole plant regeneration of cowpea [<i>Vigna unguiculata</i> (L.) Walp] from cotyledonary node thin cell layer explants. <i>Journal of Plant Physiology</i> , 2002, 159, 1255-1258.	3.5	33
10	An aspartic acid protease from common bean is expressed α -on call α ™ during water stress and early recovery. <i>Journal of Plant Physiology</i> , 2010, 167, 1606-1612.	3.5	29
11	A novel aspartic acid protease gene from pineapple fruit (<i>Ananas comosus</i>): Cloning, characterization and relation to postharvest chilling stress resistance. <i>Journal of Plant Physiology</i> , 2013, 170, 1536-1540.	3.5	21
12	Homoglutathione synthetase and glutathione synthetase in drought-stressed cowpea leaves: Expression patterns and accumulation of low-molecular-weight thiols. <i>Journal of Plant Physiology</i> , 2010, 167, 480-487.	3.5	18
13	The expression patterns of bromelain and AcCYS1 correlate with blackheart resistance in pineapple fruits submitted to postharvest chilling stress. <i>Journal of Plant Physiology</i> , 2013, 170, 1442-1446.	3.5	15
14	Dehydrins in <i>Lupinus albus</i> : pattern of protein accumulation in response to drought. <i>Functional Plant Biology</i> , 2008, 35, 85.	2.1	11
15	(h)GR, beans and drought stress. <i>Plant Signaling and Behavior</i> , 2008, 3, 834-835.	2.4	9
16	Isolation and characterization of an aspartic proteinase gene from cowpea (<i>Vigna unguiculata</i> L.) Tj ETQq0 0 0 rgBT, /Overlock 10 Tf 50 10	3.5	5