

Christine Gietl

List of Publications by Year in descending order

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11
papers

505
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

516
citing authors

#	ARTICLE	IF	CITATIONS
1	Ricosomes and endosperm transfer cell structure in programmed cell death of the nucellus during Ricinus seed development. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2238-2243.	7.1	101
2	A cysteine endopeptidase with a C-terminal KDEL motif isolated from castor bean endosperm is a marker enzyme for the rinosome, a putative lytic compartment. Planta, 1998, 206, 466-475.	3.2	100
3	KDEL-tailed cysteine endopeptidases involved in programmed cell death, intercalation of new cells, and dismantling of extensin scaffolds. American Journal of Botany, 2008, 95, 1049-1062.	1.7	66
4	Endoplasmic reticulum KDEL-tailed cysteine endopeptidase 1 of Arabidopsis (AtCEP1) is involved in pathogen defense. Frontiers in Plant Science, 2014, 5, 58.	3.6	51
5	The 2.0Å... Crystal Structure and Substrate Specificity of the KDEL-tailed Cysteine Endopeptidase Functioning in Programmed Cell Death of Ricinus communis Endosperm. Journal of Molecular Biology, 2004, 336, 1103-1116.	4.2	49
6	Programmed cell death in <i>Ricinus</i> and <i>Arabidopsis</i> : the function of KDEL cysteine peptidases in development. Physiologia Plantarum, 2012, 145, 103-113.	5.2	41
7	Ex vivo processing for maturation of Arabidopsis KDEL-tailed cysteine endopeptidase 2 (AtCEP2) pro-enzyme and its storage in endoplasmic reticulum derived organelles. Plant Molecular Biology, 2014, 84, 605-620.	3.9	26
8	Calmodulin-like protein AtCML3 mediates dimerization of peroxisomal processing protease AtDEG15 and contributes to normal peroxisome metabolism. Plant Molecular Biology, 2013, 83, 607-624.	3.9	23
9	Expression analysis of KDEL-CysEPs programmed cell death markers during reproduction in Arabidopsis. Plant Reproduction, 2016, 29, 265-272.	2.2	19
10	Involvement of Arabidopsis thaliana endoplasmic reticulum KDEL-tailed cysteine endopeptidase 1 (AtCEP1) in powdery mildew-induced and AtCPR5-controlled cell death. PLoS ONE, 2017, 12, e0183870.	2.5	19
11	The role of KDEL-tailed cysteine endopeptidases of Arabidopsis (AtCEP2 and AtCEP1) in root development. PLoS ONE, 2018, 13, e0209407.	2.5	10