Yanhui Peng

List of Publications by Year
in descending order

10	784	933447 10	1372567 10
papers	citations	h-index	g-index

10	10	10	1119
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Overexpression of a Panax ginseng tonoplast aquaporin alters salt tolerance, drought tolerance and cold acclimation ability in transgenic Arabidopsis plants. Planta, 2007, 226, 729-740.	3.2	201
2	Characterization of the horseweed (Conyza canadensis) transcriptome using GSâ€FLX 454 pyrosequencing and its application for expression analysis of candidate nonâ€target herbicide resistance genes. Pest Management Science, 2010, 66, 1053-1062.	3.4	112
3	De Novo Genome Assembly of the Economically Important Weed Horseweed Using Integrated Data from Multiple Sequencing Platforms Â Â Â. Plant Physiology, 2014, 166, 1241-1254.	4.8	101
4	Isolation and functional characterization of PgTIP1, a hormone-autotrophic cells-specific tonoplast aquaporin in ginseng*. Journal of Experimental Botany, 2007, 58, 947-956.	4.8	79
5	RcDhn5, a cold acclimationâ€responsive dehydrin from Rhododendron catawbiense rescues enzyme activity from dehydration effects in vitro and enhances freezing tolerance in RcDhn5â€overexpressing Arabidopsis plants. Physiologia Plantarum, 2008, 134, 583-597.	5.2	78
6	Functional Genomics Analysis of Horseweed (Conyza canadensis) with Special Reference to the Evolution of Nonâ€“Target-Site Glyphosate Resistance. Weed Science, 2010, 58, 109-117.	1.5	60
7	Rhododendron catawbiense plasma membrane intrinsic proteins are aquaporins, and their overâ€expression compromises constitutive freezing tolerance and cold acclimation ability of transgenic Arabidopsis plants. Plant, Cell and Environment, 2008, 31, 1275-1289.	5.7	57
8	Seasonal changes in photosynthesis, antioxidant systems and ELIP expression in a thermonastic and non-thermonastic Rhododendron species: A comparison of photoprotective strategies in overwintering plants. Plant Science, 2009, 177, 607-617.	3.6	45
9	Phylogenetic analysis and seasonal cold acclimation-associated expression of early light-induced protein genes of Rhododendron catawbiense. Physiologia Plantarum, 2007, 132, 071202165636003-???.	5.2	34
10	Novel software package for cross-platform transcriptome analysis (CPTRA). BMC Bioinformatics, 2009, 10, S16.	2.6	17