Wenzhong Xu

List of Publications by Year
in descending order

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		759233	940533
17	628	12	16
papers	citations	h-index	g-index

17	17	17	960
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Heavy metal ATPase 3 (HMA3) confers cadmium hypertolerance on the cadmium/zinc hyperaccumulator Sedum plumbizincicola. New Phytologist, 2017, 215, 687-698.	7.3	191
2	Arabidopsis NIP3;1 Plays an Important Role in Arsenic Uptake and Root-to-Shoot Translocation under Arsenite Stress Conditions. Molecular Plant, 2015, 8, 722-733.	8.3	166
3	SpHMA1 is a chloroplast cadmium exporter protecting photochemical reactions in the Cd hyperaccumulator <scp>Sedum plumbizincicola</scp>. Plant, Cell and Environment, 2019, 42, 1112-1124.	5.7	49
4	The fronds tonoplast quantitative proteomic analysis in arsenic hyperaccumulator Pteris vittata L.. Journal of Proteomics, 2014, 105, 46-57.	2.4	33
5	Enhanced Cadmium Accumulation in Transgenic Tobacco Expressing the Phytochelatin Synthase Gene of Cynodon dactylon L.. Journal of Integrative Plant Biology, 2006, 48, 928-937.	8.5	28
6	Quantification of nearâ€attomole gibberellins in floral organs dissected from a single Arabidopsis thaliana flower. Plant Journal, 2017, 91, 547-557.	5.7	22
7	BhbZIP60 from Resurrection Plant Boea hygrometrica Is an mRNA Splicing-Activated Endoplasmic Reticulum Stress Regulator Involved in Drought Tolerance. Frontiers in Plant Science, 2017, 8, 245.	3.6	22
8	Plant regeneration of the arsenic hyperaccumulator Pteris vittata L. from spores and identification of its tolerance and accumulation of arsenic and copper. Acta Physiologiae Plantarum, 2008, 30, 249-255.	2.1	20
9	Evidence of vacuolar compartmentalization of arsenic in the hyperaccumulator Pteris vittata. Science Bulletin, 2009, 54, 4229-4233.	1.7	20
10	Functional characterization of cadmium-responsive garlic gene AsMT2b: A new member of metallothionein family. Science Bulletin, 2006, 51, 409-416.	1.7	19
11	A SAL1 Loss-of-Function Arabidopsis Mutant Exhibits Enhanced Cadmium Tolerance in Association with Alleviation of Endoplasmic Reticulum Stress. Plant and Cell Physiology, 2016, 57, 1210-1219.	3.1	17
12	A Genetic Transformation Method for Cadmium Hyperaccumulator Sedum plumbizincicola and Non-hyperaccumulating Ecotype of Sedum alfredii. Frontiers in Plant Science, 2017, 8, 1047.	3.6	16
13	High-throughput screening-compatible assays of As(III) S-adenosylmethionine methyltransferase activity. Analytical Biochemistry, 2015, 480, 67-73.	2.4	11
14	Next-Generation Genome Sequencing of Sedum plumbizincicola Sheds Light on the Structural Evolution of Plastid rRNA Operon and Phylogenetic Implications within Saxifragales. Plants, 2019, 8, 386.	3.5	9
15	Functional analysis of synthetic DELLA domain peptides and bioactive gibberellin assay using surface plasmon resonance technology. Talanta, 2015, 144, 502-509.	5.5	4
16	TheVER2 promoter contains repeated sequences and requires vernalization for its activity in winter wheat (Triticum aestivum L.). Science Bulletin, 2004, 49, 355-362.	1.7	1
17	Element Case Studies: Cadmium and Zinc. Mineral Resource Reviews, 2021, , 453-469.	1.5	0