Christopher S Cobbett

List of Publications by Year
in descending order

12	4,650	759233 12	1199594 12
papers	citations	h-index	g-index

13	13	13	4228
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phytochelatins and Their Roles in Heavy Metal Detoxification. Plant Physiology, 2000, 123, 825-832.	4.8	1,264
2	P-Type ATPase Heavy Metal Transporters with Roles in Essential Zinc Homeostasis in Arabidopsis. Plant Cell, 2004, 16, 1327-1339.	6.6	646
3	Phytochelatin Synthase Genes from Arabidopsis and the Yeast Schizosaccharomyces pombe. Plant Cell, 1999, 11, 1153-1163.	6.6	645
4	The ROOT MERISTEMLESS1/CADMIUM SENSITIVE2 Gene Defines a Glutathione-Dependent Pathway Involved in Initiation and Maintenance of Cell Division during Postembryonic Root Development. Plant Cell, 2000, 12, 97-109.	6.6	551
5	The glutathione-deficient, cadmium-sensitive mutant, cad2-1, of Arabidopsis thaliana is deficient in gamma-glutamylcysteine synthetase. Plant Journal, 1998, 16, 73-78.	5.7	395
6	Transporters of ligands for essential metal ions in plants. New Phytologist, 2007, 174, 499-506.	7.3	385
7	HMA Pâ€type ATPases are the major mechanism for rootâ€toâ€shoot Cd translocation in Arabidopsis thaliana. New Phytologist, 2009, 181, 71-78.	7.3	374
8	The use of the zincâ€fluorophore, Zinpyrâ€1, in the study of zinc homeostasis in Arabidopsis roots. New Phytologist, 2007, 174, 39-45.	7.3	111
9	Functional analysis of the heavy metal binding domains of the Zn/Cdâ€transporting ATPase, HMA2, in Arabidopsis thaliana. New Phytologist, 2009, 181, 79-88.	7.3	107
10	Systemic Upregulation of MTP2- and HMA2-Mediated Zn Partitioning to the Shoot Supplements Local Zn Deficiency Responses. Plant Cell, 2018, 30, 2463-2479.	6.6	78
11	Structural and functional relationships between type 1 B heavy metalâ€transporting Pâ€type ATPases in Arabidopsis. New Phytologist, 2003, 159, 315-321.	7.3	68
12	Characterization of the amdA-regulated aciA gene of Aspergillus nidulans. Molecular Genetics and Genomics, 1992, 235, 349-358.	2.4	26