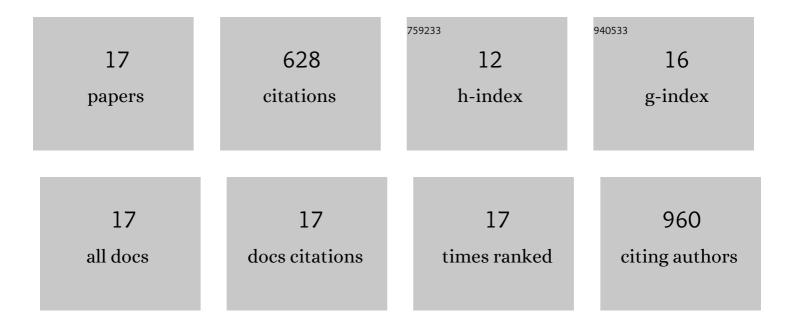
## Wenzhong Xu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3358859/publications.pdf Version: 2024-02-01



WENZHONG XII

#	Article	IF	CITATIONS
1	Element Case Studies: Cadmium and Zinc. Mineral Resource Reviews, 2021, , 453-469.	1.5	Ο
2	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
3	SpHMA1 is a chloroplast cadmium exporter protecting photochemical reactions in the Cd hyperaccumulator <scp><i>Sedum plumbizincicola</i></scp> . Plant, Cell and Environment, 2019, 42, 1112-1124.	5.7	49
4	Quantification of nearâ€attomole gibberellins in floral organs dissected from a single <i>Arabidopsis thaliana</i> flower. Plant Journal, 2017, 91, 547-557.	5.7	22
5	Heavy metal ATPase 3 (HMA3) confers cadmium hypertolerance on the cadmium/zinc hyperaccumulator <i>Sedum plumbizincicola</i> . New Phytologist, 2017, 215, 687-698.	7.3	191
6	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
7	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
8	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
9	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
10	High-throughput screening-compatible assays of As(III) S-adenosylmethionine methyltransferase activity. Analytical Biochemistry, 2015, 480, 67-73.	2.4	11
11	Functional analysis of synthetic DELLA domain peptides and bioactive gibberellin assay using surface plasmon resonance technology. Talanta, 2015, 144, 502-509.	5.5	4
12	The fronds tonoplast quantitative proteomic analysis in arsenic hyperaccumulator Pteris vittata L Journal of Proteomics, 2014, 105, 46-57.	2.4	33
13	Evidence of vacuolar compartmentalization of arsenic in the hyperaccumulator Pteris vittata. Science Bulletin, 2009, 54, 4229-4233.	1.7	20
14	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
15	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
16	Functional characterization of cadmium-responsive garlic gene AsMT2b: A new member of metallothionein family. Science Bulletin, 2006, 51, 409-416.	1.7	19
17	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