

# Wenzhong Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3358859/publications.pdf>

Version: 2024-02-01

17  
papers

628  
citations

759233

12  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

960  
citing authors

#	ARTICLE	IF	CITATIONS
1	Element Case Studies: Cadmium and Zinc. <i>Mineral Resource Reviews</i> , 2021, , 453-469.	1.5	0
2	Next-Generation Genome Sequencing of <i>Sedum plumbizincicola</i> Sheds Light on the Structural Evolution of Plastid rRNA Operon and Phylogenetic Implications within Saxifragales. <i>Plants</i> , 2019, 8, 386.	3.5	9
3	SpHMA1 is a chloroplast cadmium exporter protecting photochemical reactions in the Cd hyperaccumulator <i>Sedum plumbizincicola</i> . <i>Plant, Cell and Environment</i> , 2019, 42, 1112-1124.	5.7	49
4	Quantification of near-attomole gibberellins in floral organs dissected from a single <i>Arabidopsis thaliana</i> flower. <i>Plant Journal</i> , 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> . <i>New Phytologist</i> , 2017, 215, 687-698.	7.3	191
6	BhbZIP60 from Resurrection Plant <i>Boea hygrometrica</i> Is an mRNA Splicing-Activated Endoplasmic Reticulum Stress Regulator Involved in Drought Tolerance. <i>Frontiers in Plant Science</i> , 2017, 8, 245.	3.6	22
7	A Genetic Transformation Method for Cadmium Hyperaccumulator <i>Sedum plumbizincicola</i> and Non-hyperaccumulating Ecotype of <i>Sedum alfredii</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1047.	3.6	16
8	A SAL1 Loss-of-Function <i>Arabidopsis</i> Mutant Exhibits Enhanced Cadmium Tolerance in Association with Alleviation of Endoplasmic Reticulum Stress. <i>Plant and Cell Physiology</i> , 2016, 57, 1210-1219.	3.1	17
9	<i>Arabidopsis</i> NIP3;1 Plays an Important Role in Arsenic Uptake and Root-to-Shoot Translocation under Arsenite Stress Conditions. <i>Molecular Plant</i> , 2015, 8, 722-733.	8.3	166
10	High-throughput screening-compatible assays of As(III) S-adenosylmethionine methyltransferase activity. <i>Analytical Biochemistry</i> , 2015, 480, 67-73.	2.4	11
11	Functional analysis of synthetic DELLA domain peptides and bioactive gibberellin assay using surface plasmon resonance technology. <i>Talanta</i> , 2015, 144, 502-509.	5.5	4
12	The fronds tonoplast quantitative proteomic analysis in arsenic hyperaccumulator <i>Pteris vittata</i> L.. <i>Journal of Proteomics</i> , 2014, 105, 46-57.	2.4	33
13	Evidence of vacuolar compartmentalization of arsenic in the hyperaccumulator <i>Pteris vittata</i> . <i>Science Bulletin</i> , 2009, 54, 4229-4233.	1.7	20
14	Plant regeneration of the arsenic hyperaccumulator <i>Pteris vittata</i> L. from spores and identification of its tolerance and accumulation of arsenic and copper. <i>Acta Physiologiae Plantarum</i> , 2008, 30, 249-255.	2.1	20
15	Enhanced Cadmium Accumulation in Transgenic Tobacco Expressing the Phytochelatin Synthase Gene of <i>Cynodon dactylon</i> L.. <i>Journal of Integrative Plant Biology</i> , 2006, 48, 928-937.	8.5	28
16	Functional characterization of cadmium-responsive garlic gene AsMT2b: A new member of metallothionein family. <i>Science Bulletin</i> , 2006, 51, 409-416.	1.7	19
17	The VER2 promoter contains repeated sequences and requires vernalization for its activity in winter wheat ( <i>Triticum aestivum</i> L.). <i>Science Bulletin</i> , 2004, 49, 355-362.	1.7	1