

# Hongyan Sun

## List of Publications by Year in descending order

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14  
papers

491  
citations

933447

10  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

705  
citing authors

#	ARTICLE	IF	CITATIONS
1	Difference in response to drought stress among Tibet wild barley genotypes. <i>Euphytica</i> , 2010, 172, 395-403.	1.2	101
2	Genotype-Dependent Effect of Exogenous Nitric Oxide on Cd-induced Changes in Antioxidative Metabolism, Ultrastructure, and Photosynthetic Performance in Barley Seedlings ( <i>Hordeum vulgare</i> ). <i>Journal of Plant Growth Regulation</i> , 2010, 29, 394-408.	5.1	88
3	Comparative proteomic analysis of <i>Typha angustifolia</i> leaf under chromium, cadmium and lead stress. <i>Journal of Hazardous Materials</i> , 2010, 184, 191-203.	12.4	72
4	Physiological and proteomic analysis of selenium-mediated tolerance to Cd stress in cucumber ( <i>Cucumis sativus</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2016, 133, 114-126.	6.0	64
5	Comparative proteomic analysis of drought tolerance in the two contrasting Tibetan wild genotypes and cultivated genotype. <i>BMC Genomics</i> , 2015, 16, 432.	2.8	57
6	DNA microarray revealed and RNAi plants confirmed key genes conferring low Cd accumulation in barley grains. <i>BMC Plant Biology</i> , 2015, 15, 259.	3.6	28
7	Alleviation of cadmium toxicity in cucumber ( <i>Cucumis sativus</i> ) seedlings by the application of selenium. <i>Spanish Journal of Agricultural Research</i> , 2016, 14, e1105.	0.6	21
8	Differences in Grain Ultrastructure, Phytochemical and Proteomic Profiles between the Two Contrasting Grain Cd-Accumulation Barley Genotypes. <i>PLoS ONE</i> , 2013, 8, e79158.	2.5	19
9	N-acetyl-cysteine alleviates Cd toxicity and reduces Cd uptake in the two barley genotypes differing in Cd tolerance. <i>Plant Growth Regulation</i> , 2014, 74, 93-105.	3.4	18
10	Selenium modulates cadmium-induced ultrastructural and metabolic changes in cucumber seedlings. <i>RSC Advances</i> , 2020, 10, 17892-17905.	3.6	14
11	Biosorption of Cd <sup>2+</sup> from aqueous solution by Ca <sup>2+</sup> /Mg <sup>2+</sup> type <i>Citrus paradisi</i> Macf. peel biosorbents. <i>Water Science and Technology</i> , 2019, 80, 1205-1212.	2.5	5
12	Study on the Synthesized Rosin Glyceride over LaZSM-5 Zeolite Catalyst Synthesized by the in Situ Method. <i>ACS Omega</i> , 2020, 5, 31543-31550.	3.5	4
13	Extraction optimization of polyphenols from fruits of <i>Pyracantha fortuneana</i> (Maxim.) Li by ultrasonic assistant method and their antibacterial activity. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 1635-1641.	0.2	0
14	Generation of Mt3 Homozygote murine ES cell lines via CRISPR/Cas9 technology. <i>Stem Cell Research</i> , 2022, 60, 102714.	0.7	0