

# Longxing Hu

## List of Publications by Year in descending order

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22  
papers

1,167  
citations

394421

19  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1574  
citing authors

#	ARTICLE	IF	CITATIONS
1	Responses of antioxidant gene, protein and enzymes to salinity stress in two genotypes of perennial ryegrass ( <i>Lolium perenne</i> ) differing in salt tolerance. <i>Journal of Plant Physiology</i> , 2012, 169, 146-156.	3.5	203
2	Melatonin Improved Waterlogging Tolerance in Alfalfa ( <i>Medicago sativa</i> ) by Reprogramming Polyamine and Ethylene Metabolism. <i>Frontiers in Plant Science</i> , 2019, 10, 44.	3.6	100
3	Effects of Cadmium Exposure on Growth and Metabolic Profile of Bermudagrass [ <i>Cynodon dactylon</i> (L.) Pers.]. <i>PLoS ONE</i> , 2014, 9, e115279.	2.5	89
4	Cellulase interacts with <i>Lactobacillus plantarum</i> to affect chemical composition, bacterial communities, and aerobic stability in mixed silage of high-moisture amaranth and rice straw. <i>Bioresource Technology</i> , 2020, 315, 123772.	9.6	73
5	RNA-seq for gene identification and transcript profiling in relation to root growth of bermudagrass ( <i>Cynodon dactylon</i> ) under salinity stress. <i>BMC Genomics</i> , 2015, 16, 575.	2.8	67
6	Exogenous Application of Citric Acid Ameliorates the Adverse Effect of Heat Stress in Tall Fescue ( <i>Lolium arundinaceum</i> ). <i>Frontiers in Plant Science</i> , 2016, 7, 179.	3.6	66
7	Exogenous glycinebetaine alleviates the detrimental effect of Cd stress on perennial ryegrass. <i>Ecotoxicology</i> , 2015, 24, 1330-1340.	2.4	55
8	Differential physiological and metabolic response to low temperature in two zoysiagrass genotypes native to high and low latitude. <i>PLoS ONE</i> , 2018, 13, e0198885.	2.5	55
9	Effects of Cytokinin and Potassium on Stomatal and Photosynthetic Recovery of Kentucky Bluegrass from Drought Stress. <i>Crop Science</i> , 2013, 53, 221-231.	1.8	52
10	Effects of alkali stress on growth, free amino acids and carbohydrates metabolism in Kentucky bluegrass ( <i>Poa pratensis</i> ). <i>Ecotoxicology</i> , 2012, 21, 1911-1918.	2.4	50
11	Identification of Cd-resistant microorganisms from heavy metal-contaminated soil and its potential in promoting the growth and Cd accumulation of bermudagrass. <i>Environmental Research</i> , 2021, 200, 111730.	7.5	50
12	Metabolomic Analysis Revealed Differential Adaptation to Salinity and Alkalinity Stress in Kentucky Bluegrass ( <i>Poa pratensis</i> ). <i>Plant Molecular Biology Reporter</i> , 2015, 33, 56-68.	1.8	48
13	A transcriptomic analysis of bermudagrass ( <i>Cynodon dactylon</i> ) provides novel insights into the basis of low temperature tolerance. <i>BMC Plant Biology</i> , 2015, 15, 216.	3.6	45
14	Identification of cadmium-resistant fungi related to Cd transportation in bermudagrass [ <i>Cynodon dactylon</i> (L.) Pers.]. <i>Chemosphere</i> , 2014, 117, 786-792.	8.2	39
15	Cotton GhERF38 gene is involved in plant response to salt/drought and ABA. <i>Ecotoxicology</i> , 2017, 26, 841-854.	2.4	37
16	H <sub>2</sub> O <sub>2</sub> and Ca <sup>2+</sup> -based signaling and associated ion accumulation, antioxidant systems and secondary metabolism orchestrate the response to NaCl stress in perennial ryegrass. <i>Scientific Reports</i> , 2016, 6, 36396.	3.3	29
17	Mechanisms of Environmental Stress Tolerance in Turfgrass. <i>Agronomy</i> , 2020, 10, 522.	3.0	29
18	Comparative Transcriptome Combined with Proteome Analyses Revealed Key Factors Involved in Alfalfa ( <i>Medicago sativa</i> ) Response to Waterlogging Stress. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1359.	4.1	24

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19	Metabolic acclimation of source and sink tissues to salinity stress in bermudagrass ( <i>Cynodon</i> ) Tj ETQq1 1 0.784314 rgBT /Overloc	5.2	22
20	Association Analysis of Simple Sequence Repeat (SSR) Markers with Agronomic Traits in Tall Fescue ( <i>Festuca arundinacea</i> Schreb.). PLoS ONE, 2015, 10, e0133054.	2.5	18
21	Effects of Fertilization and Clipping on Carbon, Nitrogen Storage, and Soil Microbial Activity in a Natural Grassland in Southern China. PLoS ONE, 2014, 9, e99385.	2.5	13
22	Exogenous proanthocyanidins improve tolerance of Cu-toxicity by amelioration of oxidative damage and re-programming of gene expression in <i>Medicago sativa</i> . PLoS ONE, 2021, 16, e0259100.	2.5	3