

# Peipei Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

482  
citations

840776

11  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

667  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrate-responsive OBP4-XTH9 regulatory module controls lateral root development in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2019, 15, e1008465.	3.5	108
2	The brassinosteroid-responsive xyloglucan endotransglucosylase/hydrolase 19 ( <i>XTH19</i> ) and <i>XTH23</i> genes are involved in lateral root development under salt stress in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2020, 104, 59-75.	5.7	71
3	RAN1 is involved in plant cold resistance and development in rice ( <i>Oryza sativa</i> ). <i>Journal of Experimental Botany</i> , 2014, 65, 3277-3287.	4.8	64
4	Transcription factor CDF4 promotes leaf senescence and floral organ abscission by regulating abscisic acid and reactive oxygen species pathways in <i>Arabidopsis</i> . <i>EMBO Reports</i> , 2020, 21, e48967.	4.5	56
5	AtDOF5.4/OBP4, a DOF Transcription Factor Gene that Negatively Regulates Cell Cycle Progression and Cell Expansion in <i>Arabidopsis thaliana</i> . <i>Scientific Reports</i> , 2016, 6, 27705.	3.3	38
6	Functional characterization of the BnNCED3 gene in <i>Brassica napus</i> . <i>Plant Science</i> , 2017, 256, 16-24.	3.6	38
7	Single-base resolution methylome analysis shows epigenetic changes in <i>Arabidopsis</i> seedlings exposed to microgravity spaceflight conditions on board the SJ-10 recoverable satellite. <i>Npj Microgravity</i> , 2018, 4, 12.	3.7	22
8	The nitrate-inducible NAC transcription factor NAC056 controls nitrate assimilation and promotes lateral root growth in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2022, 18, e1010090.	3.5	20
9	The Small G Protein AtRAN1 Regulates Vegetative Growth and Stress Tolerance in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , 2016, 11, e0154787.	2.5	18
10	Potential evidence for transgenerational epigenetic memory in <i>Arabidopsis thaliana</i> following spaceflight. <i>Communications Biology</i> , 2021, 4, 835.	4.4	17
11	Overexpression of a small GTP-binding protein Ran1 in <i>Arabidopsis</i> leads to promoted elongation growth and enhanced disease resistance against <i>P. syringae</i> DC3000. <i>Plant Journal</i> , 2021, 108, 977-991.	5.7	12
12	Function of <i>Brassica napus</i> BnABI3 in <i>Arabidopsis gs1</i> , an Allele of AtABI3, in Seed Development and Stress Response. <i>Frontiers in Plant Science</i> , 2019, 10, 67.	3.6	9
13	Pectin methylesterase gene AtPMEPCRA contributes to physiological adaptation to simulated and spaceflight microgravity in <i>Arabidopsis</i> . <i>IScience</i> , 2022, 25, 104331.	4.1	7
14	Plant Adaptation to Microgravity Environment and Growth of Plant Cells in Altered Gravity Conditions. <i>Research for Development</i> , 2019, , 131-166.	0.4	2