

# Huiqiong Zheng

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

618  
citations

840776

11  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

764  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>BREVIPEDICELLUS</i> and <i>ERECTA</i> control the expression of <i>AtPRX17</i> to prevent <i>Arabidopsis</i> callus browning. <i>Journal of Experimental Botany</i> , 2022, 73, 1516-1532.	4.8	3
2	Molecular Basis to Integrate Microgravity Signals into the Photoperiodic Flowering Pathway in <i>Arabidopsis thaliana</i> under Spaceflight Condition. <i>International Journal of Molecular Sciences</i> , 2022, 23, 63.	4.1	7
3	Transcriptomic Analysis of the Interaction Between FLOWERING LOCUS T Induction and Photoperiodic Signaling in Response to Spaceflight. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 813246.	3.7	6
4	<i>Arabidopsis</i> flowering induced by photoperiod under 3-D clinostat rotational simulated microgravity. <i>Acta Astronautica</i> , 2020, 166, 567-572.	3.2	9
5	Circumnutation and Growth of Inflorescence Stems of <i>Arabidopsis thaliana</i> in Response to Microgravity under Different Photoperiod Conditions. <i>Life</i> , 2020, 10, 26.	2.4	10
6	Photoperiod-controlling Guttation and Growth of Rice Seedlings Under Microgravity on Board Chinese Spacecraft TG-2. <i>Microgravity Science and Technology</i> , 2018, 30, 839-847.	1.4	13
7	Flowering in space. <i>Microgravity Science and Technology</i> , 2018, 30, 783-791.	1.4	7
8	Changes in Plastid and Mitochondria Protein Expression in <i>Arabidopsis thaliana</i> Callus on Board Chinese Spacecraft SZ-8. <i>Microgravity Science and Technology</i> , 2015, 27, 387-401.	1.4	8
9	Differential protein expression profiling of <i>Arabidopsis thaliana</i> callus under microgravity on board the Chinese SZ-8 spacecraft. <i>Planta</i> , 2015, 241, 475-488.	3.2	60
10	Higher Plants in Space: Microgravity Perception, Response, and Adaptation. <i>Microgravity Science and Technology</i> , 2015, 27, 377-386.	1.4	39
11	Mechano-biological Coupling of Cellular Responses to Microgravity. <i>Microgravity Science and Technology</i> , 2015, 27, 505-514.	1.4	10
12	Apoplastic barrier development and water transport in <i>Zea mays</i> seedling roots under salt and osmotic stresses. <i>Protoplasma</i> , 2015, 252, 173-180.	2.1	25
13	Space Program SJ-10 of Microgravity Research. <i>Microgravity Science and Technology</i> , 2014, 26, 159-169.	1.4	94
14	Modulation of root skewing responses by <i>KNAT1</i> in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2013, 76, 380-392.	5.7	34
15	Development of secretory cells and crystal cells in <i>Eichhornia crassipes</i> ramet shoot apex. <i>Protoplasma</i> , 2011, 248, 257-266.	2.1	3
16	A proteomic approach to analyzing responses of <i>Arabidopsis thaliana</i> root cells to different gravitational conditions using an agravitropic mutant, <i>pin2</i> and its wild type. <i>Proteome Science</i> , 2011, 9, 72.	1.7	28
17	Protein Storage Vacuoles Are Transformed into Lytic Vacuoles in Root Meristematic Cells of Germinating Seedlings by Multiple, Cell Type-Specific Mechanisms. <i>Plant Physiology</i> , 2011, 155, 2023-2035.	4.8	78
18	Changes in gravitational forces induce the modification of <i>Arabidopsis thaliana</i> silique pedicel positioning. <i>Journal of Experimental Botany</i> , 2010, 61, 3875-3884.	4.8	15

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19	A proteomic approach to analysing responses of Arabidopsis thaliana callus cells to clinostat rotation. <i>Journal of Experimental Botany</i> , 2006, 57, 827-835.	4.8	56
20	The GAOLAOZHUANGREN1 Gene Encodes a Putative Glycosyltransferase that is Critical for Normal Development and Carbohydrate Metabolism. <i>Plant and Cell Physiology</i> , 2004, 45, 1453-1460.	3.1	27
21	The GAOLAOZHUANGREN2 gene is required for normal glucose response and development of Arabidopsis. <i>Journal of Plant Research</i> , 2004, 117, 473-476.	2.4	9
22	Electrofusion of tobacco protoplasts in space. <i>Science Bulletin</i> , 2003, 48, 1967-1970.	1.7	3
23	Nodal Endoplasmic Reticulum, a Specialized Form of Endoplasmic Reticulum Found in Gravity-Sensing Root Tip Columella Cells. <i>Plant Physiology</i> , 2001, 125, 252-265.	4.8	73