

# Hai Wang

## List of Publications by Year in descending order

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11  
papers

760  
citations

1040056

9  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1165  
citing authors

#	ARTICLE	IF	CITATIONS
1	The maize single-nucleus transcriptome comprehensively describes signaling networks governing movement and development of grass stomata. <i>Plant Cell</i> , 2022, , .	6.6	8
2	Conserved noncoding sequences provide insights into regulatory sequence and loss of gene expression in maize. <i>Genome Research</i> , 2021, 31, 1245-1257.	5.5	29
3	Application of deep learning in genomics. <i>Science China Life Sciences</i> , 2020, 63, 1860-1878.	4.9	25
4	Deep learning for plant genomics and crop improvement. <i>Current Opinion in Plant Biology</i> , 2020, 54, 34-41.	7.1	108
5	Genome-wide selection and genetic improvement during modern maize breeding. <i>Nature Genetics</i> , 2020, 52, 565-571.	21.4	146
6	A Subsidiary Cell-Localized Glucose Transporter Promotes Stomatal Conductance and Photosynthesis. <i>Plant Cell</i> , 2019, 31, 1328-1343.	6.6	63
7	Evolutionarily informed deep learning methods for predicting relative transcript abundance from DNA sequence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5542-5549.	7.1	121
8	Phytochrome-interacting factors directly suppress MIR156 expression to enhance shade-avoidance syndrome in Arabidopsis. <i>Nature Communications</i> , 2017, 8, 348.	12.8	144
9	The ammonium/nitrate ratio is an input signal in the temperatureâ€modulated, <i>&lt;sc&gt;SNC&lt;/sc&gt;1&lt;/i&gt;â€mediated and <i>&lt;sc&gt;EDS&lt;/sc&gt;1&lt;/i&gt;â€dependent autoimmunity of <i>&lt;sc&gt;Nudt6&lt;/sc&gt;2&lt;/i&gt;â€<i>&lt;sc&gt;Nudt7&lt;/sc&gt;7&lt;/i&gt;</i>. <i>Plant Journal</i>, 2013, 73, 262-275.</i></i></i>	5.7	33
10	The Arabidopsis Uâ€“box/ <i>&lt;sc&gt;ARM&lt;/sc&gt;</i> repeat E3 ligase At <i>&lt;sc&gt;PUB&lt;/sc&gt;4</i> influences growth and degeneration of tapetal cells, and its mutation leads to conditional male sterility. <i>Plant Journal</i> , 2013, 74, 511-523.	5.7	77
11	Identification and Verification of Redox-Sensitive Proteins in Arabidopsis thaliana. <i>Methods in Molecular Biology</i> , 2011, 876, 83-94.	0.9	2