

Peng Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/443939/publications.pdf>

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19
papers

2,466
citations

567281

15
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

3479
citing authors

#	ARTICLE	IF	CITATIONS
1	A glass bead semi-hydroponic system for intact maize root exudate analysis and phenotyping. <i>Plant Methods</i> , 2022, 18, 25.	4.3	20
2	Natural variation in root exudation of GABA and DIMBOA impacts the maize root endosphere and rhizosphere microbiomes. <i>Journal of Experimental Botany</i> , 2022, 73, 5052-5066.	4.8	16
3	The Sorghum bicolor Root Exudate Sorgoleone Shapes Bacterial Communities and Delays Network Formation. <i>MSystems</i> , 2021, 6, .	3.8	23
4	Identification of Heterotic Loci with Desirable Allelic Interaction to Increase Yield in Rice. <i>Rice</i> , 2021, 14, 97.	4.0	4
5	Belowground microbial communities respond to water deficit and are shaped by decades of maize hybrid breeding. <i>Environmental Microbiology</i> , 2020, 22, 889-904.	3.8	15
6	A key variant in the cis-regulatory element of flowering gene Ghd8 associated with cold tolerance in rice. <i>Scientific Reports</i> , 2019, 9, 9603.	3.3	16
7	Ghd8 controls rice photoperiod sensitivity by forming a complex that interacts with Ghd7. <i>BMC Plant Biology</i> , 2019, 19, 462.	3.6	28
8	Surveillance of cell wall diffusion barrier integrity modulates water and solute transport in plants. <i>Scientific Reports</i> , 2019, 9, 4227.	3.3	60
9	Isolation and Analysis of Microbial Communities in Soil, Rhizosphere, and Roots in Perennial Grass Experiments. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	57
10	Shifts in microbial communities in soil, rhizosphere and roots of two major crop systems under elevated CO ₂ and O ₃ . <i>Scientific Reports</i> , 2017, 7, 15019.	3.3	75
11	Adaptation of Root Function by Nutrient-Induced Plasticity of Endodermal Differentiation. <i>Cell</i> , 2016, 164, 447-459.	28.9	414
12	The MYB36 transcription factor orchestrates Casparian strip formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10533-10538.	7.1	251
13	Mapping of minor quantitative trait loci (QTLs) conferring fertility restoration of wild abortive cytoplasmic male sterility and QTLs conferring stigma exertion in rice. <i>Plant Breeding</i> , 2014, 133, 722-727.	1.9	7
14	Improving rice yield and quality by QTL pyramiding. <i>Molecular Breeding</i> , 2012, 29, 903-913.	2.1	30
15	Clustered QTL for source leaf size and yield traits in rice (<i>Oryza sativa</i> L.). <i>Molecular Breeding</i> , 2012, 29, 99-113.	2.1	72
16	QTL Mapping of Combining Ability and Heterosis of Agronomic Traits in Rice Backcross Recombinant Inbred Lines and Hybrid Crosses. <i>PLoS ONE</i> , 2012, 7, e28463.	2.5	58
17	Fine mapping a major QTL for flag leaf size and yield-related traits in rice. <i>Theoretical and Applied Genetics</i> , 2011, 123, 1319-1330.	3.6	81
18	A highly efficient rice green tissue protoplast system for transient gene expression and studying light/chloroplast-related processes. <i>Plant Methods</i> , 2011, 7, 30.	4.3	741

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19	A Major QTL, Ghd8, Plays Pleiotropic Roles in Regulating Grain Productivity, Plant Height, and Heading Date in Rice. <i>Molecular Plant</i> , 2011, 4, 319-330.	8.3	498