

Shota Teramoto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/619792/publications.pdf>

Version: 2024-02-01

10
papers

198
citations

1162889

8
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

193
citing authors

#	ARTICLE	IF	CITATIONS
1	High-throughput three-dimensional visualization of root system architecture of rice using X-ray computed tomography. <i>Plant Methods</i> , 2020, 16, 66.	1.9	71
2	A Deep Learning-Based Phenotypic Analysis of Rice Root Distribution from Field Images. <i>Plant Phenomics</i> , 2020, 2020, 3194308.	2.5	24
3	<i>De novo</i> Genome Assembly of the <i>indica</i> Rice Variety IR64 Using Linked-Read Sequencing and Nanopore Sequencing. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 1495-1501.	0.8	22
4	Backhoe-assisted monolith method for plant root phenotyping under upland conditions. <i>Breeding Science</i> , 2019, 69, 508-513.	0.9	18
5	The transcriptomic landscapes of rice cultivars with diverse root system architectures grown in upland field conditions. <i>Plant Journal</i> , 2021, 106, 1177-1190.	2.8	17
6	Towards a deeper integrated multi-omics approach in the root system to develop climate-resilient rice. <i>Molecular Breeding</i> , 2019, 39, 1.	1.0	15
7	RSAttrace3D: robust vectorization software for measuring monocot root system architecture. <i>BMC Plant Biology</i> , 2021, 21, 398.	1.6	11
8	iPOTs: Internet of Things-based pot system controlling optional treatment of soil water condition for plant phenotyping under drought stress. <i>Plant Journal</i> , 2021, 107, 1569-1580.	2.8	10
9	Improving the efficiency of plant root system phenotyping through digitization and automation. <i>Breeding Science</i> , 2022, 72, 48-55.	0.9	6
10	Identification of a unique allele in the quantitative trait locus for crown root number in <i>indica-japonica</i> rice from Japan using genome-wide association studies. <i>Breeding Science</i> , 2022, 72, 222-231.	0.9	4