

Ryoichi Araki

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

961
citations

1163117

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1281871

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12
all docs

12
docs citations

12
times ranked

1457
citing authors

#	ARTICLE	IF	CITATIONS
1	Omics-based identification of Arabidopsis Myb transcription factors regulating aliphatic glucosinolate biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6478-6483.	7.1	666
2	Expression of Rice (<i>Oryza sativa</i> L.) Genes Involved in High-Affinity Nitrate Transport during the Period of Nitrate Induction. Breeding Science, 2006, 56, 295-302.	1.9	85
3	A Novel Barley Yellow Stripe 1-Like Transporter (HvYSL2) Localized to the Root Endodermis Transports Metal-Phytosiderophore Complexes. Plant and Cell Physiology, 2011, 52, 1931-1940.	3.1	49
4	Time-course changes in fungal elicitor-induced lignan synthesis and expression of the relevant genes in cell cultures of <i>Linum album</i> . Journal of Plant Physiology, 2012, 169, 487-491.	3.5	46
5	Novel bioresources for studies of <i>Bassica oleracea</i> : identification of a kale MYB transcription factor responsible for glucosinolate production. Plant Biotechnology Journal, 2013, 11, 1017-1027.	8.3	40
6	SPL7 locally regulates copper-homeostasis-related genes in Arabidopsis. Journal of Plant Physiology, 2018, 224-225, 137-143.	3.5	30
7	2-Deoxymugineic acid promotes growth of rice (<i>Oryza sativa</i> L.) by orchestrating iron and nitrate uptake processes under high pH conditions. Plant Journal, 2015, 81, 233-246.	5.7	16
8	Genetic Differences in Nitrate Uptake in Two Clones of the Common Reed, <i>Phragmites australis</i> . Breeding Science, 2005, 55, 297-302.	1.9	10
9	High-affinity nitrate uptake by rice (<i>Oryza sativa</i>) coleoptiles. Journal of Plant Research, 2011, 124, 305-309.	2.4	7
10	Fatty acid compositions of triacylglycerols in flax (<i>Linum usitatissimum</i> L.) seeds with varied seeding dates and nitrogen fertilization in a temperate region of Japan. Soil Science and Plant Nutrition, 2021, 67, 269-276.	1.9	6
11	Phytosiderophores revisited: 2-deoxymugineic acid-mediated iron uptake triggers nitrogen assimilation in rice (<i>Oryza sativa</i> L.) seedlings. Plant Signaling and Behavior, 2015, 10, e1031940.	2.4	4
12	Effect of Traditional Cultivation Management on CO ₂ Flux in the Dry Tropical Cropland of South India. Agronomy, 2019, 9, 347.	3.0	2