Akihiko Kamoshita

List of Publications by Year
in descending order

38 papers	1,345 citations	430874 18 h-index	345221 36 g-index
38 all docs	38 docs citations	38 times ranked	1130 citing authors

#	Article	IF	Citations
1	Phenotypic and genotypic analysis of drought-resistance traits for development of rice cultivars adapted to rainfed environments. Field Crops Research, 2008, 109, 1-23.	5.1	265
2	Genotypic Variation in Root Growth Angle in Rice (Oryza sativa L.) and its Association with Deep Root Development in Upland Fields with Different Water Regimes. Plant and Soil, 2006, 287, 117-129.	3.7	202
3	Genotypic Variation in Response of Rainfed Lowland Rice to Drought and Rewatering. Plant Production Science, 2000, 3, 180-188.	2.0	96
4	Preflowering Abortion Reduces Spikelet Number in Upland Rice (Oryza sativa L.) under Water Stress. Crop Science, 2008, 48, 2389-2395.	1.8	87
5	Genotypic Variation in Response of Rainfed Lowland Rice to Prolonged Drought and Rewatering. Plant Production Science, 2004, 7, 406-420.	2.0	85
6	Genotypic Variation in Response of Rainfed Lowland Rice to Drought and Rewatering. III. Water extraction during the drought period. Plant Production Science, 2000, 3, 189-196.	2.0	72
7	Genotypic Variation in Response of Rainfed Lowland Rice to Drought and Rewatering. Plant Production Science, 2000, 3, 173-179.	2.0	46
8	Growth of Rice (Oryza SativaL.) Cultivars Under Upland Conditions With Different Levels of Water Supply3. Root System Development, Soil Moisture Changeand Plant Water Status. Plant Production Science, 2007, 10, 3-13.	2.0	46
9	Genotypic differences in grain yield of transplanted and direct-seeded rainfed lowland rice (Oryza) Tj ETQq1 1 0.784314 rgBT /Overlock	5.1	39
10	Growth of Three Rice (Oryza sativaL.) Cultivars under Upland Conditions with Different Levels of Water Supply. Plant Production Science, 2006, 9, 422-434.	2.0	38
11	Evaluating the resistance of six rice cultivars to drought: restriction of deep rooting and the use of raised beds. Plant and Soil, 2007, 300, 149-161.	3.7	38
12	Effect of Planting Density on Grain Yield and Water Productivity of Rice (Oryza sativaL.) Grown in Flooded and Non-flooded Fields in Japan. Plant Production Science, 2006, 9, 298-311.	2.0	37
13	Growth of Three Rice Cultivars (Oryza sativaL.) under Upland Conditions with Different Levels of Water Supply. Plant Production Science, 2006, 9, 435-445.	2.0	35
14	Ecophysiological study on weed seed banks and weeds in Cambodian paddy fields with contrasting water availability. Weed Biology and Management, 2010, 10, 261-272.	1.4	33
15	Assessment of management of direct seeded rice production under different water conditions in Cambodia. Paddy and Water Environment, 2008, 6, 91-103.	1.8	27
16	Association between root growth angle and root length density of a near-isogenic line of IR64 rice with DEEPER ROOTING 1 under different levels of soil compaction. Plant Production Science, 2017, 20, 162-175.	2.0	26
17	Salinity intrusion and rice production in Red River Delta under changing climate conditions. Paddy and Water Environment, 2017, 15, 37-48.	1.8	23
18	Improvement of rice (Oryza sativa L.) growth in upland conditions with deep tillage and mulch. Soil and Tillage Research, 2007, 92, 30-44.	5.6	22

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19	Weed biodiversity and rice production during the irrigation rehabilitation process in Cambodia. Agriculture, Ecosystems and Environment, 2014, 194, 1-6.	5.3	17
20	Spatial variability in the growth of direct-seeded rainfed lowland rice (Oryza sativa L.) in northeast Thailand. Field Crops Research, 2009, 111, 251-261.	5.1	13
21	Historical Changes in Urban Rice Production Systems in Tokyo, Japan. Plant Production Science, 2007, 10, 245-269.	2.0	11
22	Evaluation of Water-Saving Rice-Winter Crop Rotation System in a Suburb of Tokyo. Plant Production Science, 2007, 10, 219-231.	2.0	10
23	Recent changes in rice production in rainfed lowland and irrigated ecosystems in Thailand. Plant Production Science, 2021, 24, 15-28.	2.0	10
24	Farmersâ€™ Management Practices and Grain Yield of Rice in Response to Different Water Environments in Kamping Puoy Irrigation Rehabilitation Area in Northwest Cambodia. Plant Production Science, 2011, 14, 377-390.	2.0	9
25	Varietal Differences in Stem Diameter and Rooting Number of Phytomers in Conjunction with Root System Development of Field-Grown Rice (Oryza sativaL.). Plant Production Science, 2007, 10, 357-360.	2.0	6
26	Current Status of Research on Improvement of Drought Resistance in Rice (Oryza sativa L.). Japanese Journal of Crop Science, 2011, 80, 1-12.	0.2	6
27	Field level damage of deepwater rice by the 2011 Southeast Asian Flood in a flood plain of Tonle Sap Lake, Northwest Cambodia. Paddy and Water Environment, 2015, 13, 455-463.	1.8	6
28	Residual effects of cultivation methods on weed seed banks and weeds in Cambodia. Weed Biology and Management, 2016, 16, 93-107.	1.4	6
29	Near-isogenic lines of IR64 (Oryza sativa subsp. indica cv.) introgressed with DEEPER ROOTING 1 and STELE TRANSVERSAL AREA 1 improve rice yield formation over the background parent across three water management regimes. Plant Production Science, 2017, 20, 249-261.	2.0	6
30	Eco-physiological evaluation of Stele Transversal Area 1 for rice root anatomy and shoot growth. Plant Production Science, 2020, 23, 202-210.	2.0	6
31	High-yielding Crop Management by Enhancing Growth in Reproductive Stage of Direct-Seeded Rainfed Lowland Rice (Oryza sativaL.) in Northeast Thailand. Plant Production Science, 2010, 13, 104-115.	2.0	5
32	Comparative analysis of farmers engaged in participatory research to cope with climate change versus non-participants in Northeast Thailand. Plant Production Science, 2018, 21, 287-301.	2.0	5
33	Water availability, management practices and grain yield for deepwater rice in Northwest Cambodia. Field Crops Research, 2013, 152, 44-56.	5.1	4
34	Salinity intrusion reduces grain yield in coastal paddy fields: case study in two estuaries in the Red River Delta, Vietnam. Paddy and Water Environment, 2020, 18, 399-416.	1.8	3
35	Preliminary Assessment of Rice Production in Coastal Part of Red River Delta Surrounding Xuan Thuy National Park, Vietnam, for Improving Resilience. Science for Sustainable Societies, 2018, , 7-38.	0.5	2
36	Improvement of resilience of crop production under waterlogged conditions in humid Asia and Africa for sustainable agricultural development. Field Crops Research, 2013, 152, 1-2.	5.1	1

#	Article	IF	Citations
37	Ecophysiology of drill-seeded rice under reduced nitrogen fertilizer and reduced irrigation during El NiÃ±o in Central Colombia. Plant Production Science, 2021, 24, 418-432.	2.0	1
38	Genetic analysis of root vascular traits in a population from two temperate japonica rice ecotypes. Plant Production Science, 2022, 25, 320-336.	2.0	1