Junko Yamagishi

List of Publications by Year
in descending order

44 papers	1,111 citations	394421 19 h-index	414414 32 g-index
44 all docs	44 docs citations	44 times ranked	1072 citing authors

#	Article	IF	Citations
1	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
2	Preflowering Abortion Reduces Spikelet Number in Upland Rice (Oryza sativa L.) under Water Stress. Crop Science, 2008, 48, 2389-2395.	1.8	87
3	Identification of QTLs controlling rice drought tolerance at seedling stage in hydroponic culture. Euphytica, 2008, 160, 423-430.	1.2	73
4	QTLs for branching, floret formation, and pre-flowering floret abortion of rice panicle in a temperate japonicaï¿½×tropical japonica cross. Theoretical and Applied Genetics, 2004, 109, 1555-1561.	3.6	61
5	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
6	Genetic Evidence for the Role of a Rice Vacuolar Invertase as a Molecular Sink Strength Determinant. Rice, 2018, 11, 6.	4.0	46
7	Genotypic differences in grain yield of transplanted and direct-seeded rainfed lowland rice (Oryza) Tj ETQq1 1 0.784314 rgBT /Overlock	5.1	39
8	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
9	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
10	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
11	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
12	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
13	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
14	Morphological traits associated with vegetative growth of rice (Oryza sativa L.) during the recovery phase after early-season drought. European Journal of Agronomy, 2015, 64, 58-66.	4.1	25
15	Long-term effects of organic manure application on the productivity of winter wheat grown in a crop rotation with maize in Japan. Field Crops Research, 2011, 120, 387-395.	5.1	24
16	Role of early vigor in adaptation of rice to water-saving aerobic culture: Effects of nitrogen utilization and leaf growth. Field Crops Research, 2011, 124, 124-131.	5.1	24
17	Grain yield and phosphorus uptake of rainfed lowland rice under unsubmerged soil stress. Field Crops Research, 2016, 190, 54-59.	5.1	24
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	Size and Activity of Shoot Apical Meristems as Determinants of Floret Number in Rice Panicles. Plant Production Science, 2005, 8, 51-59.	2.0	19
20	Visceral coverage with absorbable mesh followed by split-thickness skin graft in the treatment of ruptured giant omphalocele. Pediatric Surgery International, 2007, 23, 199-201.	1.4	19
21	Root growth response of rainfed lowland rice to aerobic conditions in northeastern Thailand. Plant and Soil, 2013, 368, 557-567.	3.7	16
22	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
23	ã€Short Reportã€'Grain Yield and Leaf Area Growth of Direct-Seeded Rice on Flooded and Aerobic Soils in Japan. Plant Production Science, 2013, 16, 276-279.	2.0	13
24	Environmental Compensation Effect and Synergistic Mechanism of Optimized Nitrogen Management Increasing Nitrogen Use Efficiency in Indica Hybrid Rice. Frontiers in Plant Science, 2019, 10, 245.	3.6	13
25	Spatial Variability Patterns of Wheat Growth and Soil Properties in a Small Field as Affected by Tillage Intensity. Plant Production Science, 2002, 5, 175-183.	2.0	12
26	Allometric relationship between the size and number of shoots as a determinant of adaptations in rice to water-saving aerobic culture. Field Crops Research, 2012, 131, 17-25.	5.1	12
27	Relation of Number of Spikelets per Panicle to the Characteristics of Shoot and the Size around Growing Point at Panicle Initiation Stage in Rice Varieties.. Japanese Journal of Crop Science, 1992, 61, 568-575.	0.2	11
28	Extent and Implications of Weed Spatial Variability in Arable Crop Fields. Plant Production Science, 2001, 4, 259-269.	2.0	10
29	Response of Spikelet Number per Panicle in Rice Cultivars to Three Transplanting Densities. Plant Production Science, 2010, 13, 279-288.	2.0	10
30	Detection and characterization of quantitative trait loci for coleoptile elongation under anaerobic conditions in rice. Plant Production Science, 2020, 23, 374-383.	2.0	10
31	Diversity of the Rachis-Branching System in a Panicle in JapÃ³nica Rice. Plant Production Science, 2003, 6, 59-64.	2.0	9
32	Agronomic performance of an IR64 introgression line with large leaves derived from New Plant Type rice in aerobic culture. European Journal of Agronomy, 2014, 58, 11-17.	4.1	9
33	Effects of Gibberellic Acid Application on Panicle Characteristics and Size of Shoot Apex in the First Bract Differentiation Stage in Rice. Plant Production Science, 2001, 4, 227-229.	2.0	6
34	The Spatial Variability Patterns of Maize Growth and Root Colonization by Arbuscular Mycorrhizal Fungi in aSmall Field. Plant Production Science, 2001, 4, 249-254.	2.0	6
35	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
36	QTL analysis of panicle morphology response to irrigation regime in aerobic rice culture. Field Crops Research, 2009, 114, 295-303.	5.1	6

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37	Residual effects of cultivation methods on weed seed banks and weeds in Cambodia. Weed Biology and Management, 2016, 16, 93-107.	1.4	6
38	Evaluation of performance of sorghum varieties grown in Tokyo for sugar accumulation and its correlation with vacuolar invertase genes SbInv1 and SbInv2. Plant Production Science, 2018, 21, 328-338.	2.0	6
39	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
40	Characterisation of a rice vacuolar invertase isoform, OsINV2, for growth and yield-related traits. Functional Plant Biology, 2019, 46, 777.	2.1	5
41	Varietal difference in dynamics of non-structural carbohydrates in nodal segments of stem in two varieties of rice (Oryza sativa L.) at pre- and post-heading stages. Plant Production Science, 2022, 25, 30-42.	2.0	5
42	Effects of Tillage on Along-Row Variability of Wheat and Maize Biomass. Plant Production Science, 2003, 6, 295-301.	2.0	1
43	Mild drying of sandy soil can physically limit the uptake of phosphorus by rainfed lowland rice in northeast Thailand. Soil Science and Plant Nutrition, 2018, 64, 677-685.	1.9	1
44	The Maturing Processes of Field Reclaimed with Sub-surface Soil. The change of matter production during 17 years.. Japanese Journal of Crop Science, 1998, 67, 302-306.	0.2	1