

Mayumi Kikuta

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

112
citations

1478505

6
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Drought-induced root plasticity of two upland NERICA varieties under conditions with contrasting soil depth characteristics. <i>Plant Production Science</i> , 2016, 19, 389-400.	2.0	27
2	Grain yield responses of lowland rice varieties to increased amount of nitrogen fertilizer under tropical highland conditions in central Kenya. <i>Plant Production Science</i> , 2018, 21, 59-70.	2.0	23
3	Analysis of rice yield response to various cropping seasons to develop optimal cropping calendars in Mwea, Kenya. <i>Plant Production Science</i> , 2020, 23, 297-305.	2.0	16
4	Identification and validation of QTLs for cold tolerance at the booting stage and other agronomic traits in a rice cross of a Japanese tolerant variety, Hananomai, and a NERICA parent, WAB56-104. <i>Plant Production Science</i> , 2018, 21, 132-143.	2.0	13
5	Effect of nitrogen application on the expression of drought-induced root plasticity of upland NERICA rice. <i>Plant Production Science</i> , 2019, 22, 180-191.	2.0	8
6	A method for evaluating cold tolerance in rice during reproductive growth stages under natural low-temperature conditions in tropical highlands in Kenya. <i>Plant Production Science</i> , 2020, 23, 466-476.	2.0	8
7	Growth and yield responses of upland NERICAs to variable water management under field conditions. <i>Plant Production Science</i> , 2017, 20, 36-46.	2.0	7
8	Development of Rice Breeding and Cultivation Technology Tailored for Kenya's Environment. , 2018, , 27-47.		4
9	Effects of different water management practices on the dry matter production process and characteristics in NERICAs. <i>Plant Production Science</i> , 2019, 22, 168-179.	2.0	3
10	Factors Explaining Differences in Yield Response to High Nitrogen Fertilization among Rice Varieties under Tropical Highland Conditions in Central Kenya. <i>Japan Agricultural Research Quarterly</i> , 2021, 55, 209-216.	0.4	2
11	The outstanding rooting1 mutation gene maintains shoot growth and grain yield through promoting root development in rice under water deficit field environments. <i>Journal of Agronomy and Crop Science</i> , 2022, 208, 815-829.	3.5	1
12	Alternate Wetting and Drying (AWD) Mitigates the Decline in Grain Filling of Basmati 370 Due to Low Temperature in Tropical Highlands. <i>Agronomy</i> , 2021, 11, 2345.	3.0	0