Katsuki Adachi

List of Publications by Year
in descending order

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Version: 2024-02-01

31	248	933447 10	996975 15
papers	citations	h-index	g-index

31	31	31	217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detection of a major QTL related to smut disease resistance inherited from a Japanese wild sugarcane using GRAS-Di technology. Breeding Science, 2021, 71, 365-374.	1.9	2
2	Suppression of Root-knot Nematode Damage to Next Crop by Prior Cultivation of Root-knot Nematode-resistant Sweet Potato Cultivars. Japan Agricultural Research Quarterly, 2020, 54, 201-209.	0.4	1
3	Effects of Meteorological Factors including Typhoon on Sucrose Accumulation in Sugarcane during Maturation Period. Japanese Journal of Crop Science, 2020, 89, 134-142.	0.2	0
4	Response of soybean plants to two inoculation methods with arbuscular mycorrhizal fungus of Glomus sp. strain R-10 under field condition. Plant Production Science, 2019, 22, 215-219.	2.0	2
5	Phenological Changes in the Chlorophyll Content and Its Fluorescence in Field-Grown Sugarcane Clones Under Over-Wintering Conditions. Sugar Tech, 2019, 21, 843-846.	1.8	3
6	Studies on Varietal Differences in Bending Moment at Breaking of Sugarcane Top. Japanese Journal of Crop Science, 2019, 88, 18-26.	0.2	0
7	Plant-parasitic nematodes detected from sugarcane fields in Tanegashima Island. Nihon Senchu Gakkai Shi = Japanese Journal of Nematology, 2019, 49, 35-38.	0.3	0
8	Effect of plant-parasitic nematodes on initial growth of sugarcane in Tanegashima Island. Nihon Senchu Gakkai Shi = Japanese Journal of Nematology, 2019, 49, 39-43.	0.3	0
9	åŠå·¥ç”¨ãƒ›ã‚¦ãƒ¬ãƒ³ã‚½ã‚¦ã®å˜å–åŽ†ç”Ÿæ½åŸ¹æ³•ã«ãŠã‘ã‚‹å“ç¨®ã¨æ½åŸ¹æœŸé–“ãŒåŽé‡ãŠã‚ˆã³å–è¦³å“è³ªã«åŠã¼ã™å½±éŸ¿. Japa	[illegible]	[illegible]
10	Dissection of niche competition between introduced and indigenous arbuscular mycorrhizal fungi with respect to soybean yield responses. Scientific Reports, 2018, 8, 7419.	3.3	36
11	Suppression effects of nematode population density by the cropping of newly bred southern root-knot nematode resistant sweetpotato cultivars. Nihon Senchu Gakkai Shi = Japanese Journal of Nematology, 2017, 47, 9-14.	0.3	1
12	Yield-enhancing and tuber-downsizing effects of transplantation cultivation method of case-held tuber seedlings in the sweet potato cultivar Beniharuka. Plant Production Science, 2016, 19, 125-131.	2.0	1
13	Influences of a radish and sweet potato continuous ridge use system on root-knot nematode damage to sweet potato. Nihon Senchu Gakkai Shi = Japanese Journal of Nematology, 2014, 44, 1-8.	0.3	0
14	Influences of Cropping Type, Mulch Materials and Preceding Radish Cropping on Root-knot Nematode Injury in Sweet Potato. Japanese Journal of Crop Science, 2013, 82, 1-10.	0.2	2
15	Effect of Introducing Nematode-Resistant Sweet Potato Cultivars on Crop Productivity and Nematode Density in Sweet Potato-Radish Double-Cropping Systems. Plant Production Science, 2012, 15, 48-56.	2.0	10
16	Suppression of Mother Tuber Enlargement in the Sweet Potato Cultivar â€œKoganesenganâ€•by Transplantation of Bottled Tuber Seedlings. Plant Production Science, 2012, 15, 57-62.	2.0	3
17	Transplantation of Half-Cut Tuber Seedlings Provides Enhanced Yields Over Conventional Sprouted-Vine Planting in Sweet Potato Cultivar â€œMurasakimasariâ€• Plant Production Science, 2011, 14, 291-297.	2.0	5
18	Occurrence of Diazotrophic Endophytes in Different Portions of Sweetpotato Stems. Microbes and Environments, 2004, 19, 40-44.	1.6	2

#	Article	IF	Citations
19	Population of Diazotrophic Endophytes in Stem Apoplast Solution of Sugarcane and Related Grass Species in Tanegashima, Japan.. Microbes and Environments, 2003, 18, 133-137.	1.6	4
20	Isolation of an endophytic diazotroph,Klebsiella oxytoca, from sweet potato stems in Japan. Soil Science and Plant Nutrition, 2002, 48, 889-895.	1.9	32
21	Methanogenic Archaea and Methanotrophic Bacteria in a Subtropical Paddy Field and Their Interaction: Controlling Methane Emissions from Paddy Fields.. Microbes and Environments, 2001, 16, 197-205.	1.6	4
22	Co-Culture of a Methanogenic Archaeon and a Methanotrophic Bacterium on Sterilized Soil in Large Test Tubes: Design for Soil-Mediated Co-Culture.. Microbes and Environments, 2001, 16, 222-226.	1.6	1
23	Characterization of methanotrophic bacteria isolated from a subtropical paddy field. FEMS Microbiology Letters, 1999, 173, 163-173.	1.8	26
24	Isolation of hydrogenotrophic methanogenic archaea from a subtropical paddy field. FEMS Microbiology Ecology, 1999, 30, 77-85.	2.7	19
25	Effect of application of rice straw and cellulose on methane emission and biological nitrogen fixation in a subtropical paddy field. Soil Science and Plant Nutrition, 1997, 43, 729-734.	1.9	13
26	Promotive and inhibitory effects of rice straw and cellulose application on rice plant growth in pot and field experiments. Soil Science and Plant Nutrition, 1997, 43, 369-386.	1.9	14
27	Isolation and some properties of methane-oxidizing bacteria from a subtropical paddy field. Soil Science and Plant Nutrition, 1997, 43, 735-740.	1.9	7
28	Effect of Application of Rice Straw and Cellulose on Methane Emission and Biological Nitrogen Fixation in a Subtropical Paddy Field. Soil Science and Plant Nutrition, 1996, 42, 701-711.	1.9	17
29	Effect of Application of Rice Straw and Cellulose on Methane Emission and Biological Nitrogen Fixation in a Subtropical Paddy Field. Soil Science and Plant Nutrition, 1996, 42, 713-723.	1.9	19
30	Effect of application of glucose, cellulose, and rice straw on nitrogen fixation (acetylene reduction) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	13
31	Effect of the Application of Lignin and/or Chitin to Soil Inoculated withFusarium oxysporumon the Variation of SOIL Microflora and Plant Growth. Soil Science and Plant Nutrition, 1987, 33, 245-259.	1.9	8