

# Katsuki Adachi

## List of Publications by Year in descending order

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31  
papers

248  
citations

932766

10  
h-index

996533

15  
g-index

31  
all docs

31  
docs citations

31  
times ranked

217  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissection of niche competition between introduced and indigenous arbuscular mycorrhizal fungi with respect to soybean yield responses. <i>Scientific Reports</i> , 2018, 8, 7419.	1.6	36
2	Isolation of an endophytic diazotroph, <i>Klebsiella oxytoca</i> , from sweet potato stems in Japan. <i>Soil Science and Plant Nutrition</i> , 2002, 48, 889-895.	0.8	32
3	Characterization of methanotrophic bacteria isolated from a subtropical paddy field. <i>FEMS Microbiology Letters</i> , 1999, 173, 163-173.	0.7	26
4	Effect of Application of Rice Straw and Cellulose on Methane Emission and Biological Nitrogen Fixation in a Subtropical Paddy Field. <i>Soil Science and Plant Nutrition</i> , 1996, 42, 713-723.	0.8	19
5	Isolation of hydrogenotrophic methanogenic archaea from a subtropical paddy field. <i>FEMS Microbiology Ecology</i> , 1999, 30, 77-85.	1.3	19
6	Effect of Application of Rice Straw and Cellulose on Methane Emission and Biological Nitrogen Fixation in a Subtropical Paddy Field. <i>Soil Science and Plant Nutrition</i> , 1996, 42, 701-711.	0.8	17
7	Promotive and inhibitory effects of rice straw and cellulose application on rice plant growth in pot and field experiments. <i>Soil Science and Plant Nutrition</i> , 1997, 43, 369-386.	0.8	14
8	Effect of application of glucose, cellulose, and rice straw on nitrogen fixation (acetylene reduction) in a subtropical paddy field. <i>Soil Science and Plant Nutrition</i> , 1997, 43, 369-386.	0.8	13
9	Effect of application of rice straw and cellulose on methane emission and biological nitrogen fixation in a subtropical paddy field. <i>Soil Science and Plant Nutrition</i> , 1997, 43, 729-734.	0.8	13
10	Effect of Introducing Nematode-Resistant Sweet Potato Cultivars on Crop Productivity and Nematode Density in Sweet Potato-Radish Double-Cropping Systems. <i>Plant Production Science</i> , 2012, 15, 48-56.	0.9	10
11	Effect of the Application of Lignin and/or Chitin to Soil Inoculated with <i>Fusarium oxysporum</i> on the Variation of SOIL Microflora and Plant Growth. <i>Soil Science and Plant Nutrition</i> , 1987, 33, 245-259.	0.8	8
12	Isolation and some properties of methane-oxidizing bacteria from a subtropical paddy field. <i>Soil Science and Plant Nutrition</i> , 1997, 43, 735-740.	0.8	7
13	Transplantation of Half-Cut Tuber Seedlings Provides Enhanced Yields Over Conventional Sprouted-Vine Planting in Sweet Potato Cultivar 'Murasakimasari'. <i>Plant Production Science</i> , 2011, 14, 291-297.	0.9	5
14	Methanogenic Archaea and Methanotrophic Bacteria in a Subtropical Paddy Field and Their Interaction: Controlling Methane Emissions from Paddy Fields. <i>Microbes and Environments</i> , 2001, 16, 197-205.	0.7	4
15	Population of Diazotrophic Endophytes in Stem Apoplast Solution of Sugarcane and Related Grass Species in Tanegashima, Japan. <i>Microbes and Environments</i> , 2003, 18, 133-137.	0.7	4
16	Suppression of Mother Tuber Enlargement in the Sweet Potato Cultivar 'Koganesengan' by Transplantation of Bottled Tuber Seedlings. <i>Plant Production Science</i> , 2012, 15, 57-62.	0.9	3
17	Effect of application of rice straw and cellulose on methane emission and biological nitrogen fixation in a subtropical paddy field. <i>Soil Science and Plant Nutrition</i> , 1997, 43, 729-734.	0.8	13
18	Phenological Changes in the Chlorophyll Content and Its Fluorescence in Field-Grown Sugarcane Clones Under Over-Wintering Conditions. <i>Sugar Tech</i> , 2019, 21, 843-846.	0.9	3

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19	Occurrence of Diazotrophic Endophytes in Different Portions of Sweetpotato Stems. <i>Microbes and Environments</i> , 2004, 19, 40-44.	0.7	2
20	Response of soybean plants to two inoculation methods with arbuscular mycorrhizal fungus of <i>Glomus</i> sp. strain R-10 under field condition. <i>Plant Production Science</i> , 2019, 22, 215-219.	0.9	2
21	Detection of a major QTL related to smut disease resistance inherited from a Japanese wild sugarcane using GRAS-Di technology. <i>Breeding Science</i> , 2021, 71, 365-374.	0.9	2
22	Influences of Cropping Type, Mulch Materials and Preceding Radish Cropping on Root-knot Nematode Injury in Sweet Potato. <i>Japanese Journal of Crop Science</i> , 2013, 82, 1-10.	0.1	2
23	Co-Culture of a Methanogenic Archaeon and a Methanotrophic Bacterium on Sterilized Soil in Large Test Tubes: Design for Soil-Mediated Co-Culture.. <i>Microbes and Environments</i> , 2001, 16, 222-226.	0.7	1
24	Yield-enhancing and tuber-downsizing effects of transplanted cultivation method of case-held tuber seedlings in the sweet potato cultivar Beniharuka. <i>Plant Production Science</i> , 2016, 19, 125-131.	0.9	1
25	Suppression effects of nematode population density by the cropping of newly bred southern root-knot nematode resistant sweetpotato cultivars. <i>Nihon Senchu Gakkai Shi = Japanese Journal of Nematology</i> , 2017, 47, 9-14.	0.3	1
26	Suppression of Root-knot Nematode Damage to Next Crop by Prior Cultivation of Root-knot Nematode-resistant Sweet Potato Cultivars. <i>Japan Agricultural Research Quarterly</i> , 2020, 54, 201-209.	0.1	1
27	Influences of a radish and sweet potato continuous ridge use system on root-knot nematode damage to sweet potato. <i>Nihon Senchu Gakkai Shi = Japanese Journal of Nematology</i> , 2014, 44, 1-8.	0.3	0
28	Studies on Varietal Differences in Bending Moment at Breaking of Sugarcane Top. <i>Japanese Journal of Crop Science</i> , 2019, 88, 18-26.	0.1	0
29	Plant-parasitic nematodes detected from sugarcane fields in Tanegashima Island. <i>Nihon Senchu Gakkai Shi = Japanese Journal of Nematology</i> , 2019, 49, 35-38.	0.3	0
30	Effect of plant-parasitic nematodes on initial growth of sugarcane in Tanegashima Island. <i>Nihon Senchu Gakkai Shi = Japanese Journal of Nematology</i> , 2019, 49, 39-43.	0.3	0
31	Effects of Meteorological Factors including Typhoon on Sucrose Accumulation in Sugarcane during Maturation Period. <i>Japanese Journal of Crop Science</i> , 2020, 89, 134-142.	0.1	0