Akira Sugimoto

List of Publications by Year
in descending order

20 papers	143 citations	1478505 6 h-index	1281871 11 g-index
20 all docs	20 docs citations	20 times ranked	76 citing authors

#	Article	IF	Citations
1	Rethinking the cane sugar mill by using selective fermentation of reducing sugars by Saccharomyces dairenensis, prior to sugar crystallization. Biomass and Bioenergy, 2012, 42, 78-85.	5.7	24
2	Integrated design of agricultural and industrial processes: A case study of combined sugar and ethanol production. AICHE Journal, 2017, 63, 560-581.	3.6	20
3	Reduction in Greenhouse Gas Emissions from Process Retrofitting and Cultivar Improvement in Combined Sugar-Ethanol Production from Sugarcane. Journal of Life Cycle Assessment Japan, 2009, 5, 439-445.	0.0	16
4	Overwintering Ability and Dry Matter Production of Sugarcane Hybrids and Relatives in the Kanto Region of Japan. Japan Agricultural Research Quarterly, 2011, 45, 259-267.	0.4	14
5	Comparison of the Early Growth between Sugarcane and Sweet Sorghum.. Japanese Journal of Crop Science, 1999, 68, 414-418.	0.2	11
6	Pilot Scale Demonstration of Technologies for Enhancing Production of Sugar and Ethanol from Sugarcane. Kagaku Kogaku Ronbunshu, 2018, 44, 260-270.	0.3	9
7	Integrated sugarcane farming and sugar milling with selective fermentation: A simulation-based approach. Journal of Cleaner Production, 2019, 236, 117521.	9.3	8
8	Biomass Ethanol Production from Sugarcane for Energy Generation to Support Sugar Production. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2005, 84, 923-928.	0.2	6
9	Dry Matter Productivity of High Biomass Sugarcane in Upland and Paddy Fields in the Kanto Region of Japan. Japan Agricultural Research Quarterly, 2010, 44, 269-276.	0.4	5
10	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
11	Effect of Stubble Shaving after High-Level Cutting on the Growth and Yield of Forage Sugarcane, KRFo93-1, under Multiple Ratooning Cultivation. Plant Production Science, 2013, 16, 183-190.	2.0	4
12	Development of flocculent Saccharomyces cerevisiae strain GYK-10 for the selective fermentation of glucose/fructose in sugar mills. Journal of Bioscience and Bioengineering, 2016, 122, 58-63.	2.2	4
13	Effect of Dense Planting on the Growth and Yield of Forage Sugarcane Variety, KRFo93-1, in Planting Cane. Japanese Journal of Crop Science, 2010, 79, 1-9.	0.2	4
14	Reduction of Greenhouse Gas Emissions in the Introduction of <i>Inversion System</i> to Produce Sugar and Ethanol from Sugarcane. Journal of Life Cycle Assessment Japan, 2019, 15, 86-100.	0.0	4
15	Cytological Study of Erianthus procerus and E. arundinaceus (Gramineae) in Thailand. Cytologia, 2011, 76, 171-175.	0.6	3
16	Plant Regeneration from Protoplast-derived Callus of Sugarcane.. Breeding Science, 1997, 47, 301-305.	0.2	2
17	Efficient Plant Regeneration from Protoplasts of Sugarcane. Plant Biotechnology, 1998, 15, 135-137.	1.0	2
18	Physical characteristics of Erianthus arundinaceus as a bedding material for broiler. Grassland Science, 0, , .	1.1	2

#	Article	IF	Citations
19	Isozyme Application for Variety Identification and Progeny Hybridity in Japanese Sugarcane.. Breeding Science, 1999, 49, 89-95.	1.9	1
20	Sugarcane Breeding of Early Maturing Clone with High Sucrose Content for Earlier Harvest in Japan. Japan Agricultural Research Quarterly, 2012, 46, 227-235.	0.4	0