

Sakae Shibusawa

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

289
citations

1163117

8
h-index

996975

15
g-index

31
all docs

31
docs citations

31
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	The Report of the 20th Conference of Science Council of Asia. Trends in the Sciences, 2021, 26, 9_104-9_109.	0.0	0
2	Mobile Proximal Sensing with Visible and Near Infrared Spectroscopy for Digital Soil Mapping. Soil Systems, 2020, 4, 40.	2.6	6
3	In-situ multiple parameter calibration and mapping using a mobile soil sensor. Soil Science and Plant Nutrition, 2020, 66, 837-846.	1.9	2
4	The Report of the 19th Conference of Science Council of Asia Held in Myanmar. Trends in the Sciences, 2020, 25, 3_72-3_77.	0.0	0
5	Evaluation of Soil Maps Generated by a Real-Time Soil Sensor. Agricultural Information Research, 2019, 28, 13-24.	0.2	1
6	Effects of Irrigation Frequency on Komatsuna under High Electrical Conductivity Fertigation. Shokubutsu Kankyo Kogaku, 2018, 30, 28-35.	0.1	0
7	Water Saving System for Precision Agriculture. Trends in the Sciences, 2016, 21, 5_56-5_59.	0.0	0
8	Case Study of the Thermal and Humidity Distribution in the Artificial Cultivation Environment. Transactions of the Society of Instrument and Control Engineers, 2016, 52, 195-204.	0.2	1
9	Estimation of water stress of plant by vibration measurement of leaf using acoustic radiation force. Acoustical Science and Technology, 2015, 36, 248-253.	0.5	11
10	Multiple-depth mapping of soil properties using a visible and near infrared real-time soil sensor for a paddy field. Engineering in Agriculture, Environment and Food, 2015, 8, 13-17.	0.5	17
11	Intelligent control of capillary irrigation system for water-saving cultivation. , 2015, , .		2
12	Special issue on 4th ACPA. Precision Agriculture, 2014, 15, 2-2.	6.0	0
13	Tumor suppression effects of bilberry extracts and enzymatically modified isoquercitrin in early preneoplastic liver cell lesions induced by piperonyl butoxide promotion in a two-stage rat hepatocarcinogenesis model. Experimental and Toxicologic Pathology, 2014, 66, 225-234.	2.1	25
14	Capillary flow responses in a soil-plant system for modified subsurface precision irrigation. Precision Agriculture, 2014, 15, 17-30.	6.0	19
15	Water Uptake Response of Plant in Subsurface Precision Irrigation System. Engineering in Agriculture, Environment and Food, 2013, 6, 128-134.	0.5	6
16	Basic study on water distribution measurement in soil using SLDV. , 2013, , .		3
17	Using a mobile real-time soil visible-near infrared sensor for high resolution soil property mapping. Geoderma, 2013, 199, 64-79.	5.1	112
18	Development of Motion Control Using Kinect Sensor as Kansei Communication Interface. Agricultural Information Research, 2013, 22, 228-235.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Textural analysis of soil images to quantify and characterize the spatial variation of soil properties using a real-time soil sensor. Precision Agriculture, 2006, 7, 419-436.	6.0	14
20	Soil Maps in Precision Farming. Agricultural Information Research, 2004, 13, 69-78.	0.2	0
21	Precision Farming Japan Model. Agricultural Information Research, 2003, 12, 125-132.	0.2	8
22	Development of a Web-Based Precision Farming Support System. Agricultural Information Research, 2003, 12, 233-239.	0.2	0
23	Development of a Geostatistics Library for Precision Farming. Agricultural Information Research, 2003, 12, 213-221.	0.2	0
24	Precision Farming Approaches for Small Scale Farms. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 22-27.	0.4	12
25	Community Competition Model of White Clover-Weed System.. Japanese Journal of Farm Work Research, 2000, 35, 1-6.	0.2	2
26	Ride Comfort Improvement for Combine Harvester(I). A Design of 2-Direction Seat Suspension System.. Japanese Journal of Farm Work Research, 1995, 30, 215-221.	0.2	0
27	Modelling the branching growth fractal pattern of the maize root system. Plant and Soil, 1994, 165, 339-347.	3.7	42