

Sakae Shibusawa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2393907/publications.pdf>

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	Using a mobile real-time soil visible-near infrared sensor for high resolution soil property mapping. <i>Geoderma</i> , 2013, 199, 64-79.	5.1	112
2	Modelling the branching growth fractal pattern of the maize root system. <i>Plant and Soil</i> , 1994, 165, 339-347.	3.7	42
3	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. <i>Experimental and Toxicologic Pathology</i> , 2014, 66, 225-234.	2.1	25
4	Capillary flow responses in a soil-plant system for modified subsurface precision irrigation. <i>Precision Agriculture</i> , 2014, 15, 17-30.	6.0	19
5	Multiple-depth mapping of soil properties using a visible and near infrared real-time soil sensor for a paddy field. <i>Engineering in Agriculture, Environment and Food</i> , 2015, 8, 13-17.	0.5	17
6	Textural analysis of soil images to quantify and characterize the spatial variation of soil properties using a real-time soil sensor. <i>Precision Agriculture</i> , 2006, 7, 419-436.	6.0	14
7	Precision Farming Approaches for Small Scale Farms. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 22-27.	0.4	12
8	Estimation of water stress of plant by vibration measurement of leaf using acoustic radiation force. <i>Acoustical Science and Technology</i> , 2015, 36, 248-253.	0.5	11
9	Precision Farming Japan Model. <i>Agricultural Information Research</i> , 2003, 12, 125-132.	0.2	8
10	Water Uptake Response of Plant in Subsurface Precision Irrigation System. <i>Engineering in Agriculture, Environment and Food</i> , 2013, 6, 128-134.	0.5	6
11	Mobile Proximal Sensing with Visible and Near Infrared Spectroscopy for Digital Soil Mapping. <i>Soil Systems</i> , 2020, 4, 40.	2.6	6
12	Basic study on water distribution measurement in soil using SLDV. , 2013, , .		3
13	Intelligent control of capillary irrigation system for water-saving cultivation. , 2015, , .		2
14	In-situ multiple parameter calibration and mapping using a mobile soil sensor. <i>Soil Science and Plant Nutrition</i> , 2020, 66, 837-846.	1.9	2
15	Community Competition Model of White Clover-Weed System.. <i>Japanese Journal of Farm Work Research</i> , 2000, 35, 1-6.	0.2	2
16	Case Study of the Thermal and Humidity Distribution in the Artificial Cultivation Environment. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2016, 52, 195-204.	0.2	1
17	Evaluation of Soil Maps Generated by a Real-Time Soil Sensor. <i>Agricultural Information Research</i> , 2019, 28, 13-24.	0.2	1
18	Special issue on 4th ACPA. <i>Precision Agriculture</i> , 2014, 15, 2-2.	6.0	0

#	ARTICLE	IF	CITATIONS
19	Water Saving System for Precision Agriculture. Trends in the Sciences, 2016, 21, 5_56-5_59.	0.0	0
20	Development of a Web-Based Precision Farming Support System. Agricultural Information Research, 2003, 12, 233-239.	0.2	0
21	Development of a Geostatistics Library for Precision Farming. Agricultural Information Research, 2003, 12, 213-221.	0.2	0
22	Soil Maps in Precision Farming. Agricultural Information Research, 2004, 13, 69-78.	0.2	0
23	Development of Motion Control Using Kinect Sensor as Kansei Communication Interface. Agricultural Information Research, 2013, 22, 228-235.	0.2	0
24	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
25	Effects of Irrigation Frequency on Komatsuna under High Electrical Conductivity Fertigation. Shokubutsu Kankyo Kogaku, 2018, 30, 28-35.	0.1	0
26	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
27	The Report of the 20th Conference of Science Council of Asia. Trends in the Sciences, 2021, 26, 9_104-9_109.	0.0	0