

Jafar Massah

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

428
citations

759233

12
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	A biosensor for the sensitive and specific measurement of arsenite using gold nanoparticles. Measurement: Journal of the International Measurement Confederation, 2022, 187, 110281.	5.0	6
2	Design and evaluation of hedge trimmer robot. Computers and Electronics in Agriculture, 2022, 199, 107065.	7.7	4
3	An intelligent spraying robot based on plant bulk volume. Computers and Electronics in Agriculture, 2021, 180, 105859.	7.7	28
4	Design, development, and performance evaluation of a robot for yield estimation of kiwifruit. Computers and Electronics in Agriculture, 2021, 185, 106132.	7.7	24
5	An optimized bionic electro-osmotic soil-engaging implement for soil adhesion reduction. Journal of Terramechanics, 2021, 95, 1-6.	3.1	12
6	Supervised Machine Learning Algorithms Can Predict Penetration Resistance in Mineral-fertilized Soils. Communications in Soil Science and Plant Analysis, 2019, 50, 2169-2177.	1.4	12
7	Effects of water magnetic treatment on seed germination and seedling growth of wheat. Journal of Plant Nutrition, 2019, 42, 1283-1289.	1.9	17
8	A novel image processing framework to detect geometrical features of horticultural crops: case study of Anthurium flowers. Scientia Horticulturae, 2019, 243, 414-420.	3.6	8
9	An intelligent portable biosensor for fast and accurate nitrate determination using cyclic voltammetry. Biosystems Engineering, 2019, 177, 49-58.	4.3	61
10	A Portable Nitrate Biosensing Device Using Electrochemistry and Spectroscopy. IEEE Sensors Journal, 2018, 18, 3080-3089.	4.7	40
11	A fuzzy-based decision making software for enzymatic electrochemical nitrate biosensors. Chemometrics and Intelligent Laboratory Systems, 2018, 177, 55-63.	3.5	22
12	Curvature-based pattern recognition for cultivar classification of Anthurium flowers. Postharvest Biology and Technology, 2018, 139, 67-74.	6.0	18
13	A farmer-assistant robot for nitrogen fertilizing management of greenhouse crops. Computers and Electronics in Agriculture, 2017, 139, 153-163.	7.7	44
14	Mechanical analysis of a robotic date harvesting manipulator. Russian Agricultural Sciences, 2015, 41, 80-85.	0.2	6
15	An artificial neural network approach to identify fungal diseases of cucumber (<i>Cucumis</i>). Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 2013, 46, 1580-1588.	1.3	37
16	Performance evaluation of a machine vision system for insect pests identification of field crops using artificial neural networks. Archives of Phytopathology and Plant Protection, 2013, 46, 1262-1269.	1.3	23
17	Design, development and performance evaluation of a tractor-mounted bevameter. Soil and Tillage Research, 2010, 110, 161-166.	5.6	10
18	Effect of some parameters of air-jet on pneumatic extraction of citrus juice and juice sacs. Journal of Food Engineering, 2008, 88, 388-398.	5.2	10

#	ARTICLE	IF	CITATIONS
19	Evaluation and Modeling of Physical and Physiological Damage to Wheat Seeds under Successive Impact Loadings: Mathematical and Neural Networks Modeling. Crop Science, 2008, 48, 1532-1544.	1.8	46