

Francis Kumi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

136
citations

6
h-index

11
g-index

11
ext. papers

162
ext. citations

2.4
avg, IF

2.42
L-index

#	Paper	IF	Citations
11	Estimating cocoa bean parameters by FT-NIRS and chemometrics analysis. <i>Food Chemistry</i> , 2015 , 176, 403-10	8.5	47
10	Nondestructive measurement of total nitrogen in lettuce by integrating spectroscopy and computer vision. <i>Scientia Horticulturae</i> , 2015 , 184, 1-7	4.1	27
9	Modeling and design of a combined transverse and axial flow threshing unit for rice harvesters. <i>Spanish Journal of Agricultural Research</i> , 2014 , 12, 973	1.1	15
8	Development of a Multi-Task Robotic Transplanting Workcell for Greenhouse Seedlings. <i>Applied Engineering in Agriculture</i> , 2018 , 34, 335-342	0.8	12
7	Assessment of Tomato Seedling Substrate-Root Quality Using X-Ray Computed Tomography and Scanning Electron Microscopy. <i>Applied Engineering in Agriculture</i> , 2016 , 32, 417-427	0.8	12
6	Development of a riding-type fully automatic transplanter for vegetable plug seedlings. <i>Spanish Journal of Agricultural Research</i> , 2019 , 17, e0205	1.1	7
5	Design and Tests of a Multi-pin Flexible Seedling Pick-up Gripper for Automatic Transplanting. <i>Applied Engineering in Agriculture</i> , 2019 , 35, 949-957	0.8	5
4	Combining X-ray computed tomography with relevant techniques for analyzing soil-root dynamics: An overview. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2016 , 66, 1-19	1.1	3
3	Response of okra based on electrophysiological modeling under salt stress and re-watering. <i>Bioscience Journal</i> , 1219-1229	2	3
2	Quantitative Pore Characterization of Polyurethane Foam with Cost-Effective Imaging Tools and Image Analysis: A Proof-Of-Principle Study. <i>Polymers</i> , 2019 , 11,	4.5	3
1	Design of capacitance measurement module for determining critical cold temperature of tea leaves. <i>Sensing and Bio-Sensing Research</i> , 2016 , 11, 26-32	3.3	2