Francis Kumi

List of Publications by Year in Descending Order

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