

Badal Chakraborty

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7254904/publications.pdf>

Version: 2024-02-01

15
papers

216
citations

1163117

8
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Realization of an Optical Rotary Sensor. IEEE Sensors Journal, 2018, 18, 2675-2681.	4.7	33
2	A Novel Technique of Flow Measurement for a Conducting Liquid. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 2512-2517.	4.7	32
3	Electrical Impedance Variations in Banana Ripening: An Analytical Study with Electrical Impedance Spectroscopy. Journal of Food Process Engineering, 2017, 40, e12387.	2.9	31
4	Electrical impedance spectroscopic study of mandarin orange during ripening. Journal of Food Measurement and Characterization, 2017, 11, 1654-1664.	3.2	29
5	A Simple Approach to Design a Binary Coded Absolute Shaft Encoder. IEEE Sensors Journal, 2016, 16, 2300-2305.	4.7	24
6	Design of an Absolute Shaft Encoder Using Optically Modulated Binary Code. IEEE Sensors Journal, 2018, 18, 4902-4910.	4.7	18
7	Study on array of photo-detector based absolute rotary encoder. Sensors and Actuators A: Physical, 2016, 246, 114-122.	4.1	15
8	Design and development of microcontroller based instrumentation for studying complex bioelectrical impedance of fruits using electrical impedance spectroscopy. Journal of Food Process Engineering, 2018, 41, e12640.	2.9	10
9	Simple approach to design a capacitive rotary encoder. IET Science, Measurement and Technology, 2018, 12, 500-506.	1.6	8
10	Continuous radial growth rate monitoring of horticultural crops using an optical mouse. Sensors and Actuators A: Physical, 2019, 297, 111526.	4.1	7
11	Absolute Encoder-Based Dual Axis Tilt Sensor. IEEE Sensors Journal, 2019, 19, 2474-2481.	4.7	5
12	Fuel level measurement system based on absolute shaft encoder. Sensors and Actuators A: Physical, 2017, 259, 77-84.	4.1	2
13	A Pencil Drawn Capacitive Sensor used for Liquid Drug Volume Measurement in Syringe Pump. , 2020, , .		2
14	A Binary Coding Pattern for Virtual Absolute Encoder. IEEE Consumer Electronics Magazine, 2024, , 1-1.	2.3	0
15	Internet of Things (IoT) Based Continuous Growth Rate Monitoring System of Plant Stem. , 2022, , .		0