

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