

Ernesto Serrano-Finetti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5090326/publications.pdf>

Version: 2024-02-01

14
papers

205
citations

1163117

8
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

214
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of electrical impedance tomography (EIT) for the assessment of unilateral pulmonary function. <i>Physiological Measurement</i> , 2002, 23, 211-220.	2.1	47
2	Low-Power Direct Resistive Sensor-to-Microcontroller Interfaces. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2016, 65, 222-230.	4.7	37
3	A novel low-cost smart leaf wetness sensor. <i>Computers and Electronics in Agriculture</i> , 2017, 143, 286-292.	7.7	33
4	Assessment of the unilateral pulmonary function by means of electrical impedance tomography using a reduced electrode set. <i>Physiological Measurement</i> , 2004, 25, 803-813.	2.1	17
5	Cost-effective autonomous sensor for the long-term monitoring of water electrical conductivity of crop fields. <i>Computers and Electronics in Agriculture</i> , 2019, 165, 104940.	7.7	15
6	Calibration-less direct capacitor-to-microcontroller interface. <i>Electronics Letters</i> , 2016, 52, 289-291.	1.0	13
7	Hydrophobic membranes for ammonia recovery from digestates in microbial electrolysis cells: Assessment of different configurations. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105289.	6.7	12
8	Noise Reduction in AC-Coupled Amplifiers. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2014, 63, 1834-1841.	4.7	11
9	Can driven-right-leg circuits increase interference in ECG amplifiers?. , 2011, 2011, 4780-3.		10
10	Common mode electronic noise in differential circuits. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 140, 207-214.	5.0	4
11	Enabling Atrial Fibrillation Detection Using a Weight Scale. , 0, , .		2
12	The QT Scale: A Weight Scale Measuring the QTc Interval. <i>Annals of Noninvasive Electrocardiology</i> , 2017, 22, .	1.1	1
13	Sedimentation monitoring of the active biomass in bioreactors by electrical impedance spectroscopy. , 2020, , .		1
14	Unobtrusive Measurement of Heart Rate on a Single Hand by Impedance Plethysmography. <i>IFMBE Proceedings</i> , 2011, , 1221-1224.	0.3	1