

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