

Francisco Palacio Bonet

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18 papers	585 citations	7 h-index	19 g-index
19 ext. papers	677 ext. citations	3.1 avg, IF	3.16 L-index

#	Paper	IF	Citations
18	RFID smart tag for traceability and cold chain monitoring of foods: Demonstration in an intercontinental fresh fish logistic chain. <i>Journal of Food Engineering</i> , 2009 , 93, 394-399	6	336
17	Flexible tag microlab development: Gas sensors integration in RFID flexible tags for food logistic. <i>Sensors and Actuators B: Chemical</i> , 2007 , 127, 2-7	8.5	128
16	Ultra-low-power components for an RFID Tag with physical and chemical sensors. <i>Microsystem Technologies</i> , 2008 , 14, 581-588	1.7	37
15	A low-cost and miniaturized potentiostat for sensing of biomolecular species such as TNF- α by electrochemical impedance spectroscopy. <i>Biosensors and Bioelectronics</i> , 2018 , 100, 533-540	11.8	36
14	Development of an ImmunoFET for Analysis of Tumour Necrosis Factor- α in Artificial Saliva: Application for Heart Failure Monitoring. <i>Chemosensors</i> , 2021 , 9, 26	4	13
13	Organosilane-functionalization of nanostructured indium tin oxide films. <i>Interface Focus</i> , 2016 , 6, 20160056	9.56	11
12	Pulsed-Temperature Metal Oxide Gas Sensors for Microwatt Power Consumption. <i>IEEE Access</i> , 2020 , 8, 70938-70946	3.5	9
11	Electrochemical characterization of organosilane-functionalized nanostructured ITO surfaces. <i>Applied Physics Letters</i> , 2016 , 109, 063109	3.4	5
10	Radio Frequency Identification Semi-Active Tag with Sensing Capabilities for the Food Logistic Chain. <i>Sensor Letters</i> , 2009 , 7, 942-951	0.9	3
9	Nanostructure ITO and Get More of It. Better Performance at Lower Cost. <i>Nanomaterials</i> , 2020 , 10,	5.4	2
8	Towards Nanostructured ITO-Based Electrochemical Sensors: Fabrication, Characterization and Functionalization. <i>Proceedings (mdpi)</i> , 2017 , 1, 288	0.3	1
7	Low-Cost Impedance Measurements for Lab-on-a-Chip Architectures: Towards Potentiostat Miniaturization. <i>Proceedings (mdpi)</i> , 2017 , 1, 604	0.3	1
6	Characterization of Linear-mode Avalanche Photodiodes in Standard CMOS. <i>Procedia Engineering</i> , 2014 , 87, 728-731		1
5	A Novel Transparent pH Sensor Based on a Nanostructured ITO Electrode Coated with [3,3'-Co(1,2-C ₂ B ₉ H ₁₁) ₂]-Doped Poly(pyrrole). <i>Proceedings (mdpi)</i> , 2018 , 2, 869	0.3	1
4	Readout electronics for LGAD sensors. <i>Journal of Instrumentation</i> , 2017 , 12, C02069-C02069	1	
3	Evaluation of MOX Sensor Characteristics in Ultra-Low Power Operation Modes: Application to a Semi-Passive RFID Tag for Food Logistics. <i>Proceedings (mdpi)</i> , 2017 , 1, 459	0.3	
2	A New Low Power Instrument for Impedance Measurements in Biomedicine Based on FFT. Application to Interleukin-10 Protein Detection. <i>Procedia Engineering</i> , 2014 , 87, 312-315		

- 1 A Compact Robust OWLS System for Biosensing of Multiple Samples. *Proceedings (mdpi)*, **2018**, 2, 863 0.3