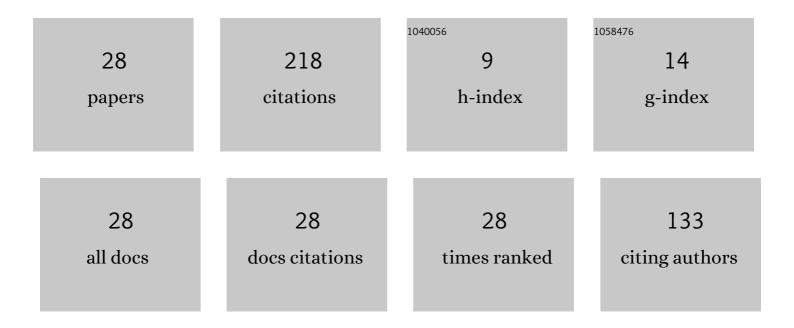
Ãlvaro GÃ³mez Pau

List of Publications by Year in descending order

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Διναρο Ο.Δ3μες Ραιι

#	Article	IF	CITATIONS
1	Experimental Study of Visual Corona under Aeronautic Pressure Conditions Using Low-Cost Imaging Sensors. Sensors, 2020, 20, 411.	3.8	30
2	Sensor Comparison for Corona Discharge Detection Under Low Pressure Conditions. IEEE Sensors Journal, 2020, 20, 11698-11706.	4.7	24
3	Unpredictable Bits Generation Based on RRAM Parallel Configuration. IEEE Electron Device Letters, 2019, 40, 341-344.	3.9	22
4	Arc Tracking Control in Insulation Systems for Aeronautic Applications: Challenges, Opportunities, and Research Needs. Sensors, 2020, 20, 1654.	3.8	21
5	Uprating of transmission lines by means of HTLS conductors for a sustainable growth: Challenges, opportunities, and research needs. Renewable and Sustainable Energy Reviews, 2020, 134, 110334.	16.4	16
6	Time Series RUL Estimation of Medium Voltage Connectors to Ease Predictive Maintenance Plans. Applied Sciences (Switzerland), 2020, 10, 9041.	2.5	12
7	M-S test based on specification validation using octrees in the measure space. , 2013, , .		11
8	On-Line Health Condition Monitoring of Power Connectors Focused on Predictive Maintenance. IEEE Transactions on Power Delivery, 2021, 36, 3611-3618.	4.3	11
9	RRAM Random Number Generator Based on Train of Pulses. Electronics (Switzerland), 2021, 10, 1831.	3.1	10
10	Efficient Production Binning Using Octree Tessellation in the Alternate Measurements Space. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2016, 35, 1386-1395.	2.7	9
11	Insulation Failure Quantification Based on the Energy of Digital Images Using Low-Cost Imaging Sensors. Sensors, 2020, 20, 7219.	3.8	7
12	On-Line Remaining Useful Life Estimation of Power Connectors Focused on Predictive Maintenance. Sensors, 2021, 21, 3739.	3.8	7
13	Transient Noise Failures in SRAM Cells: Dynamic Noise Margin Metric. , 2011, , .		5
14	Impact of Laser Attacks on the Switching Behavior of RRAM Devices. Electronics (Switzerland), 2020, 9, 200.	3.1	5
15	Quality metrics for mixed-signal indirect testing. , 2014, , .		4
16	Diagnosis of parametric defects in dual axis IC accelerometers. Microsystem Technologies, 2015, 21, 1855-1866.	2.0	4
17	Serial RRAM Cell for Secure Bit Concealing. Electronics (Switzerland), 2021, 10, 1842.	3.1	4
18	M-S specification binning based on digitally coded indirect measurements. , 2014, , .		3

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#	Article	IF	CITATIONS
19	Indirect test of M-S circuits using multiple specification band guarding. The Integration VLSI Journal, 2016, 55, 415-424.	2.1	3
20	Sram cell stability metric under transient voltage noise. Microelectronics Journal, 2014, 45, 1348-1353.	2.0	2
21	Mixed-signal test band guarding using digitally coded indirect measurements. , 2015, , .		2
22	Criteria for selecting a subset of indirect measurements for analog testing. , 2016, , .		1
23	Improving indirect test efficiency using multi-directional tessellations in the measure space. , 2016, , .		1
24	Multi-Directional Space Tessellation to Improve the Decision Boundary in Indirect Mixed-Signal Testing. Journal of Electronic Testing: Theory and Applications (JETTA), 2017, 33, 315-328.	1.2	1
25	Indirect and adaptive test of analogue circuits based on preselected steadyâ€state response measures. IET Circuits, Devices and Systems, 2020, 14, 611-618.	1.4	1
26	Experimental Study of the Corona Performance of Aged Sand-Cast Substation Connectors. Energies, 2020, 13, 2785.	3.1	1
27	Simulation of serial RRAM cell based on a Verilog-A compact model. , 2021, , .		1
28	Detectability of structural defects using octree encoding. , 2017, , .		0