Aneta Prijic

List of Publications by Year
in descending order

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21 papers	191 citations	1163117 8 h-index	1058476 14 g-index
21 all docs	21 docs citations	21 times ranked	246 citing authors

#	Article	IF	Citations
1	Thermal Energy Harvesting Wireless Sensor Node in Aluminum Core PCB Technology. IEEE Sensors Journal, 2015, 15, 337-345.	4.7	40
2	Dependence of static dielectric constant of silicon on resistivity at room temperature. Serbian Journal of Electrical Engineering, 2004, 1, 237-247.	0.4	27
3	Characterization of commercial thermoelectric modules for application in energy harvesting wireless sensor nodes. Applied Thermal Engineering, 2017, 121, 74-82.	6.0	26
4	Photovoltaic Energy Harvesting Wireless Sensor Node for Telemetry Applications Optimized for Low Illumination Levels. Electronics (Switzerland), 2016, 5, 26.	3.1	18
5	Negative bias temperature instability in p-channel power VDMOSFETs: recoverable versus permanent degradation. Semiconductor Science and Technology, 2015, 30, 105009.	2.0	13
6	On the Recoverable and Permanent Components of NBTI in p-Channel Power VDMOSFETs. IEEE Transactions on Device and Materials Reliability, 2016, 16, 522-531.	2.0	12
7	An Electromechanical Approach to a Printed Circuit Board Design Course. IEEE Transactions on Education, 2013, 56, 470-477.	2.4	9
8	Analysis of recoverable and permanent components of threshold voltage shift in NBT stressed p-channel power VDMOSFET. Chinese Physics B, 2015, 24, 106601.	1.4	8
9	A Transient Modeling of the Thermoelectric Generators for Application in Wireless Sensor Network Nodes. Electronics (Switzerland), 2020, 9, 1015.	3.1	7
10	NBT stress and radiation related degradation and underlying mechanisms in power VDMOSFETs. Facta Universitatis - Series Electronics and Energetics, 2018, 31, 367-388.	0.9	7
11	Negative Bias Temperature Instability in Thick Gate Oxides for Power MOS Transistors. , 2014, , 533-559.		6
12	Capacitive Pressure Sensing Based Key in PCB Technology for Industrial Applications. IEEE Sensors Journal, 2012, 12, 1496-1503.	4.7	5
13	The Effect of Flat Panel Reflectors on Photovoltaic Energy Harvesting in Wireless Sensor Nodes Under Low Illumination Levels. IEEE Sensors Journal, 2015, 15, 7105-7111.	4.7	5
14	Effects of pulsed negative bias temperature stressing in p-channel power VDMOSFETs. Facta Universitatis - Series Electronics and Energetics, 2016, 29, 49-60.	0.9	4
15	Design and Optimization of S-Type Thermal Cutoffs. IEEE Transactions on Components and Packaging Technologies, 2008, 31, 904-912.	1.3	2
16	High frequency characterization and modelling of ceramic capacitors. , 2015, , .		1
17	Response of Commercial P-Channel Power VDMOS Transistors to Ionizing Irradiation and Bias Temperature Stress. Journal of Circuits, Systems and Computers, 2022, 31, .	1.5	1
18	Modeling and PSPICE simulation of NBTI effects in VDMOS transistors. Serbian Journal of Electrical Engineering, 2015, 12, 69-79.	0.4	0

#	Article	IF	Citations
19	Practical aspects of cellular M2M systems design. Facta Universitatis - Series Electronics and Energetics, 2015, 28, 541-556.	0.9	0
20	THE INFLUENCE OF AMBIENT CONDITIONS ON THE PERFORMANCE OF THE THERMOELECTRIC WIRELESS SENSOR NETWORK NODE. Facta Universitatis Series Working and Living Environmental Protection, 0, , 089.	0.0	0
21	On the node ordering of progressive polynomial approximation for the sensor linearization. Facta Universitatis - Series Electronics and Energetics, 2019, 32, 539-554.	0.9	0